

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	12/22/2011 09:45:49	8.81	51.35	33.43	10.35		5.7	4.00	110.6
1	12/22/2011 10:00:49	8.77	51.36	33.43	10.13		5.1	3.95	108.1
2	12/22/2011 10:15:49	8.76	51.31	33.40	10.05		6.1	3.86	107.2
3	12/22/2011 10:30:48	8.83	51.25	33.36	10.13		5.3	3.77	108.3
4	12/22/2011 10:45:49	8.84	51.35	33.43	10.13		5.0	3.65	108.4
5	12/22/2011 11:00:49	8.73	51.23	33.33	10.08		6.8	3.53	107.4
6	12/22/2011 11:15:49	8.72	51.32	33.40	10.02		6.2	3.41	106.8
7	12/22/2011 11:30:49	8.73	51.27	33.37	10.06		6.8	3.28	107.3
8	12/22/2011 11:45:49	8.70	51.14	33.27	10.14		5.1	3.14	108.0
9	12/22/2011 12:00:49	8.77	51.15	33.28	10.15		6.1	3.00	108.2
10	12/22/2011 12:15:49	8.78	51.15	33.28	10.23		6.2	2.86	109.1
11	12/22/2011 12:30:49	8.77	51.08	33.23	10.34		5.7	2.72	110.2
12	12/22/2011 12:45:48	8.83	51.04	33.20	10.33		6.1	2.57	110.2
13	12/22/2011 13:00:49	8.88	51.01	33.19	10.34		5.4	2.42	110.5
14	12/22/2011 13:15:49	8.96	50.95	33.15	10.47		4.8	2.27	112.0
15	12/22/2011 13:30:49	8.86	50.84	33.06	10.52		5.4	2.10	112.3
16	12/22/2011 13:45:49	8.90	50.74	32.99	10.55		6.4	1.93	112.7
17	12/22/2011 14:00:49	8.93	50.65	32.93	10.69		7.1	1.77	114.2
18	12/22/2011 14:15:49	8.72	50.46	32.78	10.65		6.6	1.59	113.1
19	12/22/2011 14:30:49	8.70	50.54	32.83	10.61		5.4	1.43	112.6
20	12/22/2011 14:45:49	8.65	50.39	32.72	10.69		5.8	1.28	113.3
21	12/22/2011 15:00:49	8.66	50.43	32.75	10.72		5.4	1.14	113.6
22	12/22/2011 15:15:49	8.67	50.43	32.75	10.73		5.1	1.01	113.8
23	12/22/2011 15:30:49	8.72	50.30	32.66	10.78		6.3	0.92	114.4
24	12/22/2011 15:45:49	8.62	50.33	32.68	10.84		5.8	0.90	114.8
25	12/22/2011 16:00:49	8.63	50.26	32.62	10.81		5.5	0.91	114.5
26	12/22/2011 16:15:48	8.47	50.08	32.49	10.89		5.5	0.98	114.7
27	12/22/2011 16:30:48	8.48	50.08	32.49	10.84		5.6	1.08	114.3
28	12/22/2011 16:45:48	8.37	50.01	32.42	10.84		5.3	1.16	114.0
29	12/22/2011 17:00:49	8.33	50.15	32.52	10.82		5.0	1.26	113.8
30	12/22/2011 17:15:49	8.08	49.79	32.24	10.65		6.1	1.31	111.0
31	12/22/2011 17:30:49	7.96	49.71	32.18	10.59		6.5	1.38	110.1
32	12/22/2011 17:45:49	8.17	49.77	32.23	10.65		5.9	1.46	111.3
33	12/22/2011 18:00:48	8.24	49.97	32.38	10.65		5.9	1.52	111.6
34	12/22/2011 18:15:48	8.17	49.89	32.32	10.55		6.9	1.61	110.4
35	12/22/2011 18:30:48	8.19	49.73	32.21	10.55		6.8	1.70	110.4
36	12/22/2011 18:45:49	8.11	49.98	32.38	10.51		6.5	1.80	109.8
37	12/22/2011 19:00:48	8.26	50.08	32.47	10.51		6.1	1.90	110.3
38	12/22/2011 19:15:48	8.35	50.22	32.57	10.41		5.9	2.03	109.5
39	12/22/2011 19:30:48	8.43	50.36	32.68	10.24		6.7	2.12	107.9
40	12/22/2011 19:45:49	8.41	50.46	32.75	10.19		6.5	2.24	107.4
41	12/22/2011 20:00:49	8.42	50.48	32.77	10.15		6.8	2.36	107.0
42	12/22/2011 20:15:49	8.42	50.50	32.78	10.12		7.3	2.45	106.7
43	12/22/2011 20:30:49	8.43	50.50	32.78	10.09		7.1	2.56	106.5
44	12/22/2011 20:45:49	8.44	50.59	32.85	10.07		7.2	2.65	106.3
45	12/22/2011 21:00:49	8.48	50.64	32.89	10.05		7.2	2.74	106.2
46	12/22/2011 21:15:49	8.49	50.69	32.92	10.04		7.7	2.82	106.1
47	12/22/2011 21:30:49	8.56	50.81	33.02	10.01		8.4	2.89	106.1
48	12/22/2011 21:45:49	8.62	50.87	33.06	9.99		9.1	2.97	106.0
49	12/22/2011 22:00:49	8.69	51.00	33.16	9.97		9.2	3.04	106.1
50	12/22/2011 22:15:49	8.72	51.06	33.21	9.96		8.1	3.10	106.0
51	12/22/2011 22:30:49	8.73	51.13	33.26	9.95		7.5	3.14	106.0
52	12/22/2011 22:45:49	8.75	51.15	33.28	9.93		6.4	3.19	105.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	12/22/2011 23:00:49	8.76	51.17	33.30	9.89		5.8	3.22	105.4
54	12/22/2011 23:15:49	8.65	51.04	33.19	9.87		5.4	3.21	105.0
55	12/22/2011 23:30:49	8.69	51.08	33.22	9.85		5.3	3.22	104.9
56	12/22/2011 23:45:49	8.71	51.06	33.21	9.86		5.4	3.19	105.0
57	12/23/2011 00:00:49	8.66	51.14	33.26	9.88		6.3	3.14	105.1
58	12/23/2011 00:15:49	8.44	50.96	33.12	9.89		6.9	3.06	104.6
59	12/23/2011 00:30:48	8.29	50.77	32.96	9.89		7.8	3.00	104.2
60	12/23/2011 00:45:49	8.35	50.90	33.06	9.85		6.3	2.94	104.0
61	12/23/2011 01:00:49	8.33	50.88	33.05	9.85		5.6	2.85	103.8
62	12/23/2011 01:15:49	8.29	50.84	33.02	9.85		5.6	2.77	103.7
63	12/23/2011 01:30:49	8.21	50.77	32.96	9.84		5.3	2.70	103.4
64	12/23/2011 01:45:49	8.14	50.73	32.92	9.83		5.1	2.62	103.1
65	12/23/2011 02:00:49	8.09	50.82	32.98	9.78		4.5	2.55	102.5
66	12/23/2011 02:15:49	8.06	50.62	32.83	9.85		5.0	2.47	103.1
67	12/23/2011 02:30:49	7.98	50.82	32.97	9.74		4.5	2.43	101.8
68	12/23/2011 02:45:49	7.96	50.72	32.90	9.79		4.7	2.37	102.3
69	12/23/2011 03:00:49	7.99	50.65	32.85	9.86		4.5	2.32	103.1
70	12/23/2011 03:15:49	7.98	50.54	32.77	9.93		4.7	2.30	103.7
71	12/23/2011 03:30:49	8.00	50.43	32.69	10.02		4.3	2.27	104.7
72	12/23/2011 03:45:49	7.84	50.46	32.70	9.97		4.3	2.28	103.8
73	12/23/2011 04:00:49	7.86	50.44	32.68	9.96		4.2	2.30	103.7
74	12/23/2011 04:15:49	7.98	50.43	32.69	9.94		4.3	2.33	103.8
75	12/23/2011 04:30:49	8.02	50.53	32.76	9.94		4.7	2.38	103.9
76	12/23/2011 04:45:49	8.06	50.57	32.80	9.92		5.2	2.44	103.8
77	12/23/2011 05:00:49	7.84	50.30	32.58	9.94		6.6	2.52	103.4
78	12/23/2011 05:15:49	8.02	50.52	32.76	9.93		6.1	2.59	103.8
79	12/23/2011 05:30:49	8.11	50.62	32.84	9.91		6.0	2.66	103.8
80	12/23/2011 05:45:49	8.16	50.67	32.88	9.90		5.7	2.75	103.9
81	12/23/2011 06:00:49	8.31	50.76	32.96	9.88		6.0	2.83	104.0
82	12/23/2011 06:15:49	8.41	50.88	33.05	9.88		6.2	2.91	104.4
83	12/23/2011 06:30:49	8.47	50.87	33.05	9.87		6.2	3.00	104.4
84	12/23/2011 06:45:49	8.52	50.97	33.13	9.84		6.9	3.09	104.3
85	12/23/2011 07:00:49	8.60	51.17	33.28	9.76		9.0	3.18	103.7
86	12/23/2011 07:15:49	8.67	51.25	33.35	9.62		8.9	3.27	102.5
87	12/23/2011 07:30:49	8.72	51.32	33.40	9.65		9.3	3.37	102.9
88	12/23/2011 07:45:49	8.76	51.40	33.46	9.60		9.6	3.48	102.5
89	12/23/2011 08:00:49	8.79	51.41	33.47	9.55		10.6	3.56	102.1
90	12/23/2011 08:15:49	8.81	51.54	33.57	9.51		10.3	3.66	101.7
91	12/23/2011 08:30:49	8.84	51.52	33.55	9.47		10.0	3.76	101.4
92	12/23/2011 08:45:49	8.86	51.60	33.61	9.42		8.6	3.84	100.9
93	12/23/2011 09:00:49	8.87	51.58	33.60	9.37		7.8	3.91	100.4
94	12/23/2011 09:15:49	8.88	51.63	33.64	9.34		6.5	3.99	100.1
95	12/23/2011 09:30:49	8.90	51.59	33.61	9.31		6.2	4.05	99.8
96	12/23/2011 09:45:49	8.85	51.62	33.62	9.31		4.8	4.08	99.7
97	12/23/2011 10:00:49	8.78	51.47	33.51	9.35		4.3	4.12	99.9
98	12/23/2011 10:15:49	8.77	51.50	33.53	9.33		5.0	4.12	99.7
99	12/23/2011 10:30:49	8.78	51.46	33.51	9.50		5.4	4.10	101.5
100	12/23/2011 10:45:49	8.90	51.55	33.58	9.59		5.6	4.04	102.7
101	12/23/2011 11:00:49	8.82	51.43	33.49	9.57		5.4	3.97	102.3
102	12/23/2011 11:15:49	8.83	51.49	33.53	9.56		5.9	3.89	102.3
103	12/23/2011 11:30:49	8.95	51.51	33.56	9.66		5.1	3.75	103.6
104	12/23/2011 11:45:49	8.87	51.36	33.44	9.82		5.0	3.64	105.1
105	12/23/2011 12:00:49	8.76	51.35	33.43	9.68		8.7	3.51	103.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	12/23/2011 12:15:49	8.79	51.42	33.48	9.65		7.6	3.40	103.1
107	12/23/2011 12:30:49	8.74	51.17	33.29	9.84		5.7	3.24	104.9
108	12/23/2011 12:45:49	8.80	51.19	33.31	9.94		5.6	3.09	106.1
109	12/23/2011 13:00:49	8.86	51.14	33.28	10.05		5.9	2.94	107.4
110	12/23/2011 13:15:48	8.94	51.17	33.31	10.14		6.1	2.76	108.6
111	12/23/2011 13:30:48	8.91	51.17	33.31	10.13		6.1	2.64	108.4
112	12/23/2011 13:45:49	8.84	51.08	33.23	10.25		6.2	2.50	109.5
113	12/23/2011 14:00:49	8.77	50.87	33.08	10.41		8.7	2.30	110.9
114	12/23/2011 14:15:49	8.77	50.84	33.06	10.45		9.0	2.10	111.3
115	12/23/2011 14:30:49	8.61	50.62	32.88	10.63		9.2	1.99	112.7
116	12/23/2011 14:45:49	8.55	50.61	32.87	10.68		7.6	1.78	113.1
117	12/23/2011 15:00:49	8.55	50.52	32.81	10.69		6.8	1.60	113.1
118	12/23/2011 15:15:49	8.60	50.64	32.89	10.69		6.1	1.44	113.3
119	12/23/2011 15:30:49	8.61	50.66	32.91	10.73		5.1	1.31	113.8
120	12/23/2011 15:45:49	8.62	50.48	32.78	10.83		19.6	1.13	114.8
121	12/23/2011 16:00:49	8.54	50.49	32.78	10.89		9.6	0.98	115.2
122	12/23/2011 16:15:49	8.64	50.55	32.83	10.81		9.4	0.89	114.6
123	12/23/2011 16:30:49	8.63	50.53	32.82	10.76		10.2	0.81	114.1
124	12/23/2011 16:45:49	8.34	50.41	32.71	11.05		6.2	0.86	116.3
125	12/23/2011 17:00:49	8.27	50.33	32.64	11.04		5.9	0.90	115.9
126	12/23/2011 17:15:49	8.21	50.20	32.55	10.93		5.4	0.98	114.6
127	12/23/2011 17:30:48	8.17	49.96	32.37	10.90		5.6	1.05	114.0
128	12/23/2011 17:45:49	8.06	50.12	32.48	10.90		5.9	1.11	113.9
129	12/23/2011 18:00:49	8.01	50.02	32.40	10.94		6.1	1.25	114.1
130	12/23/2011 18:15:49	7.92	50.12	32.47	10.81		6.0	1.26	112.6
131	12/23/2011 18:30:49	7.89	49.93	32.33	10.75		6.5	1.35	111.7
132	12/23/2011 18:45:49	8.04	50.02	32.40	10.76		6.1	1.41	112.3
133	12/23/2011 19:00:49	8.08	49.97	32.37	10.78		6.3	1.50	112.6
134	12/23/2011 19:15:49	7.96	49.96	32.35	10.65		7.2	1.63	110.9
135	12/23/2011 19:30:49	7.91	49.91	32.31	10.60		7.8	1.71	110.2
136	12/23/2011 19:45:49	8.06	50.08	32.45	10.60		7.5	1.80	110.6
137	12/23/2011 20:00:49	8.18	50.28	32.60	10.59		7.8	1.93	111.0
138	12/23/2011 20:15:49	8.32	50.39	32.69	10.45		7.5	2.10	109.9
139	12/23/2011 20:30:49	8.32	50.40	32.70	10.37		7.5	2.20	109.1
140	12/23/2011 20:45:49	8.34	50.43	32.72	10.31		7.7	2.32	108.5
141	12/23/2011 21:00:49	8.34	50.43	32.73	10.30		7.9	2.46	108.4
142	12/23/2011 21:15:49	8.36	50.50	32.78	10.26		8.3	2.53	108.1
143	12/23/2011 21:30:49	8.40	50.61	32.86	10.19		9.0	2.66	107.5
144	12/23/2011 21:45:49	8.44	50.66	32.90	10.14		9.3	2.72	107.1
145	12/23/2011 22:00:49	8.50	50.66	32.91	10.07		10.6	2.81	106.5
146	12/23/2011 22:15:49	8.56	50.84	33.04	9.97		11.7	2.90	105.7
147	12/23/2011 22:30:49	8.64	51.04	33.19	9.93		12.0	3.02	105.5
148	12/23/2011 22:45:49	8.70	51.07	33.22	9.98		11.9	3.09	106.2
149	12/23/2011 23:00:49	8.75	51.15	33.28	10.04		12.1	3.17	107.1
150	12/23/2011 23:15:49	8.79	51.17	33.30	10.06		11.7	3.18	107.4
151	12/23/2011 23:30:49	8.82	51.22	33.34	10.08		10.6	3.26	107.7
152	12/23/2011 23:45:49	8.92	51.33	33.42	10.16		8.7	3.28	108.9
153	12/24/2011 00:00:49	8.91	51.38	33.46	10.17		6.1	3.33	108.9
154	12/24/2011 00:15:49	8.87	51.35	33.44	10.14		6.5	3.32	108.5
155	12/24/2011 00:30:49	8.82	51.29	33.38	10.07		7.3	3.29	107.6
156	12/24/2011 00:45:49	8.88	51.37	33.45	10.13		7.5	3.24	108.4
157	12/24/2011 01:00:49	8.78	51.25	33.35	10.07		8.8	3.14	107.4
158	12/24/2011 01:15:49	8.47	51.03	33.17	9.92		8.1	3.15	105.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	12/24/2011 01:30:49	8.44	51.16	33.26	9.84		6.5	3.04	104.1
160	12/24/2011 01:45:49	8.55	51.23	33.32	9.98		6.5	2.98	105.9
161	12/24/2011 02:00:49	8.42	51.06	33.19	9.95		6.1	2.88	105.2
162	12/24/2011 02:15:49	8.31	50.95	33.09	9.86		5.9	2.80	104.0
163	12/24/2011 02:30:49	8.23	50.88	33.04	9.87		5.5	2.71	103.8
164	12/24/2011 02:45:49	8.12	50.81	32.98	9.88		5.6	2.62	103.7
165	12/24/2011 03:00:49	8.04	50.71	32.90	9.95		5.9	2.57	104.1
166	12/24/2011 03:15:49	8.15	50.45	32.72	9.94		5.7	2.51	104.2
167	12/24/2011 03:30:49	8.05	50.69	32.89	9.94		5.6	2.38	104.1
168	12/24/2011 03:45:49	8.02	50.84	32.99	9.88		5.0	2.37	103.5
169	12/24/2011 04:00:49	7.96	50.66	32.86	9.96		5.2	2.34	104.0
170	12/24/2011 04:15:49	7.97	50.59	32.81	10.05		5.1	2.28	105.0
171	12/24/2011 04:30:49	7.92	50.60	32.81	10.02		4.6	2.30	104.6
172	12/24/2011 04:45:49	7.85	50.59	32.79	10.01		5.0	2.29	104.3
173	12/24/2011 05:00:49	7.77	50.44	32.68	10.06		4.3	2.27	104.5
174	12/24/2011 05:15:49	7.89	50.58	32.79	10.02		4.6	2.32	104.5
175	12/24/2011 05:30:49	7.94	50.55	32.77	10.02		5.1	2.39	104.6
176	12/24/2011 05:45:49	7.99	50.61	32.83	9.99		5.7	2.43	104.4
177	12/24/2011 06:00:49	7.74	50.49	32.71	10.01		7.8	2.50	103.9
178	12/24/2011 06:15:49	7.95	50.65	32.85	9.97		6.8	2.59	104.1
179	12/24/2011 06:30:49	8.07	50.72	32.91	9.94		6.4	2.67	104.1
180	12/24/2011 06:45:49	8.12	50.81	32.98	9.92		6.5	2.74	104.1
181	12/24/2011 07:00:49	8.32	50.89	33.05	9.96		6.5	2.81	105.0
182	12/24/2011 07:15:49	8.46	51.02	33.16	10.03		6.7	2.90	106.1
183	12/24/2011 07:30:49	8.52	51.00	33.15	10.05		7.6	3.01	106.6
184	12/24/2011 07:45:49	8.58	51.15	33.26	10.08		8.3	3.09	107.1
185	12/24/2011 08:00:49	8.67	51.25	33.34	10.11		9.4	3.19	107.7
186	12/24/2011 08:15:49	8.76	51.37	33.44	10.15		9.8	3.27	108.3
187	12/24/2011 08:30:49	8.82	51.33	33.41	10.17		10.6	3.37	108.7
188	12/24/2011 08:45:49	8.87	51.48	33.53	10.17		10.6	3.49	108.9
189	12/24/2011 09:00:49	8.90	51.58	33.60	10.18		12.4	3.59	109.1
190	12/24/2011 09:15:49	8.90	51.58	33.60	10.18		10.7	3.67	109.2
191	12/24/2011 09:30:49	8.89	51.61	33.62	10.17		10.9	3.78	109.0
192	12/24/2011 09:45:49	8.92	51.58	33.61	10.17		8.9	3.85	109.1
193	12/24/2011 10:00:49	8.97	51.63	33.65	10.19		8.0	3.93	109.4
194	12/24/2011 10:15:49	8.99	51.51	33.56	10.19		7.3	3.99	109.4
195	12/24/2011 10:30:48	9.00	51.51	33.56	10.18		6.3	4.05	109.4
196	12/24/2011 10:45:48	8.98	51.46	33.52	10.14		5.5	4.07	108.9
197	12/24/2011 11:00:49	8.81	51.47	33.51	10.11		5.7	4.08	108.1
198	12/24/2011 11:15:49	8.84	51.45	33.50	10.15		5.8	4.09	108.6
199	12/24/2011 11:30:49	9.03	51.53	33.57	10.31		6.0	4.03	110.8
200	12/24/2011 11:45:49	8.99	51.47	33.53	10.31		6.2	3.99	110.6
201	12/24/2011 12:00:49	8.94	51.50	33.54	10.35		6.5	3.89	111.0
202	12/24/2011 12:15:49	9.10	51.53	33.58	10.36		5.5	3.80	111.5
203	12/24/2011 12:30:49	9.10	51.48	33.55	10.40		6.6	3.66	112.0
204	12/24/2011 12:45:49	9.02	51.46	33.52	10.39		6.4	3.54	111.6
205	12/24/2011 13:00:49	8.90	51.44	33.50	10.24		9.0	3.39	109.7
206	12/24/2011 13:15:49	8.89	51.46	33.52	10.25		9.8	3.26	109.8
207	12/24/2011 13:30:49	8.88	51.34	33.43	10.33		7.5	3.10	110.6
208	12/24/2011 13:45:49	8.93	51.32	33.41	10.49		6.3	2.97	112.4
209	12/24/2011 14:00:49	9.04	51.36	33.45	10.53		6.2	2.80	113.1
210	12/24/2011 14:15:49	9.04	51.38	33.47	10.55		6.2	2.64	113.4
211	12/24/2011 14:30:49	8.91	51.08	33.24	10.66		7.5	2.48	114.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	12/24/2011 14:45:49	8.88	51.12	33.27	10.69		6.5	2.32	114.3
213	12/24/2011 15:00:49	8.78	50.92	33.12	10.67		6.8	2.15	113.7
214	12/24/2011 15:15:49	8.71	50.93	33.12	10.70		8.7	1.97	113.9
215	12/24/2011 15:30:49	8.68	50.74	32.98	10.77		7.7	1.77	114.4
216	12/24/2011 15:45:49	8.67	50.66	32.92	10.76		7.0	1.62	114.2
217	12/24/2011 16:00:49	8.65	50.77	33.00	10.73		6.2	1.43	113.9
218	12/24/2011 16:15:49	8.62	50.69	32.94	10.78		6.5	1.26	114.4
219	12/24/2011 16:30:49	8.56	50.66	32.91	10.86		6.3	1.08	115.1
220	12/24/2011 16:45:49	8.49	50.55	32.82	10.93		6.2	0.91	115.5
221	12/24/2011 17:00:49	8.49	50.44	32.75	10.94		6.0	0.80	115.6
222	12/24/2011 17:15:49	8.47	50.56	32.83	10.96		5.6	0.75	115.8
223	12/24/2011 17:30:49	8.37	50.39	32.70	11.03		5.7	0.72	116.2
224	12/24/2011 17:45:49	8.28	50.43	32.72	11.12		5.7	0.79	116.9
225	12/24/2011 18:00:49	8.18	50.32	32.63	11.07		6.0	0.88	116.1
226	12/24/2011 18:15:49	8.02	50.26	32.58	10.96		5.9	1.02	114.4
227	12/24/2011 18:30:49	7.97	50.22	32.54	10.92		5.8	1.10	113.8
228	12/24/2011 18:45:49	7.99	50.30	32.60	10.91		5.7	1.18	113.9
229	12/24/2011 19:00:49	7.79	50.03	32.39	10.71		7.0	1.23	111.1
230	12/24/2011 19:15:49	7.86	50.06	32.41	10.73		6.5	1.30	111.5
231	12/24/2011 19:30:49	7.83	50.02	32.38	10.73		6.6	1.38	111.4
232	12/24/2011 19:45:49	7.94	50.13	32.47	10.81		7.0	1.48	112.5
233	12/24/2011 20:00:49	7.96	50.15	32.49	10.74		7.5	1.57	111.9
234	12/24/2011 20:15:49	7.98	50.24	32.55	10.69		7.2	1.68	111.5
235	12/24/2011 20:30:49	8.13	50.40	32.68	10.74		6.5	1.79	112.5
236	12/24/2011 20:45:49	8.26	50.48	32.75	10.64		7.1	1.91	111.8
237	12/24/2011 21:00:49	8.32	50.50	32.77	10.56		7.5	2.05	111.1
238	12/24/2011 21:15:49	8.34	50.54	32.81	10.51		8.0	2.18	110.6
239	12/24/2011 21:30:49	8.39	50.60	32.85	10.47		8.1	2.30	110.4
240	12/24/2011 21:45:49	8.41	50.62	32.87	10.46		8.1	2.43	110.3
241	12/24/2011 22:00:49	8.46	50.62	32.87	10.41		9.2	2.54	110.0
242	12/24/2011 22:15:49	8.50	50.69	32.93	10.39		11.2	2.65	109.9
243	12/24/2011 22:30:49	8.56	50.79	33.00	10.35		11.5	2.75	109.7
244	12/24/2011 22:45:49	8.68	50.99	33.15	10.30		14.1	2.85	109.5
245	12/24/2011 23:00:49	8.81	51.05	33.21	10.29		13.7	2.94	109.8
246	12/24/2011 23:15:48	8.90	51.23	33.35	10.26		13.7	3.02	109.8
247	12/24/2011 23:30:49	8.97	51.30	33.41	10.18		12.0	3.11	109.1
248	12/24/2011 23:45:49	8.99	51.34	33.44	10.13		11.2	3.18	108.7
249	12/25/2011 00:00:49	8.99	51.37	33.46	10.11		10.4	3.25	108.5
250	12/25/2011 00:15:49	9.00	51.36	33.45	10.07		9.8	3.32	108.1
251	12/25/2011 00:30:49	9.01	51.45	33.51	10.02		7.2	3.36	107.6
252	12/25/2011 00:45:49	9.02	51.42	33.50	9.98		6.7	3.36	107.2
253	12/25/2011 01:00:49	8.92	51.25	33.36	9.98		6.1	3.39	106.8
254	12/25/2011 01:15:49	8.92	51.33	33.42	10.00		6.7	3.37	107.2
255	12/25/2011 01:30:49	8.93	51.31	33.41	10.03		6.6	3.32	107.4
256	12/25/2011 01:45:49	8.90	51.32	33.41	10.06		11.9	3.26	107.7
257	12/25/2011 02:00:49	8.56	50.84	33.04	10.09		6.8	3.18	106.9
258	12/25/2011 02:15:49	8.74	51.10	33.24	10.07		7.6	3.09	107.3
259	12/25/2011 02:30:49	8.79	51.10	33.25	10.06		8.3	3.00	107.3
260	12/25/2011 02:45:49	8.70	50.97	33.15	10.09		8.0	2.90	107.4
261	12/25/2011 03:00:49	8.70	50.96	33.14	10.09		7.8	2.82	107.3
262	12/25/2011 03:15:49	8.62	50.92	33.10	10.09		6.8	2.75	107.1
263	12/25/2011 03:30:49	8.58	50.96	33.12	10.10		6.4	2.66	107.2
264	12/25/2011 03:45:49	8.55	50.97	33.13	10.10		5.9	2.59	107.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	12/25/2011 04:00:49	8.62	51.04	33.19	10.07		5.6	2.53	107.0
266	12/25/2011 04:15:49	8.58	51.01	33.16	10.08		5.7	2.44	106.9
267	12/25/2011 04:30:49	8.52	50.96	33.12	10.10		5.9	2.38	107.0
268	12/25/2011 04:45:49	8.45	50.80	33.00	10.10		5.4	2.35	106.8
269	12/25/2011 05:00:49	8.40	50.68	32.91	10.10		5.3	2.29	106.6
270	12/25/2011 05:15:49	8.32	50.58	32.83	10.12		5.0	2.25	106.5
271	12/25/2011 05:30:49	8.21	50.54	32.79	10.15		4.9	2.25	106.6
272	12/25/2011 05:45:49	8.14	50.33	32.64	10.13		4.7	2.26	106.1
273	12/25/2011 06:00:49	8.09	50.45	32.71	10.14		4.6	2.27	106.1
274	12/25/2011 06:15:49	8.20	50.55	32.80	10.14		4.8	2.31	106.4
275	12/25/2011 06:30:49	8.24	50.63	32.86	10.13		5.2	2.38	106.4
276	12/25/2011 06:45:49	8.26	50.59	32.83	10.12		5.7	2.43	106.4
277	12/25/2011 07:00:49	8.05	50.49	32.74	10.12		8.0	2.52	105.8
278	12/25/2011 07:15:49	8.26	50.65	32.87	10.11		6.6	2.60	106.3
279	12/25/2011 07:30:49	8.36	50.74	32.95	10.09		6.8	2.68	106.5
280	12/25/2011 07:45:49	8.42	50.77	32.98	10.09		6.4	2.75	106.5
281	12/25/2011 08:00:49	8.59	50.97	33.14	10.05		6.7	2.85	106.7
282	12/25/2011 08:15:49	8.68	51.09	33.23	10.06		6.8	2.93	107.0
283	12/25/2011 08:30:49	8.73	51.12	33.26	10.04		7.8	3.01	107.0
284	12/25/2011 08:45:49	8.82	51.19	33.31	9.98		9.0	3.11	106.5
285	12/25/2011 09:00:49	8.88	51.34	33.42	9.92		9.3	3.21	106.2
286	12/25/2011 09:15:49	8.94	51.39	33.47	9.87		10.5	3.31	105.8
287	12/25/2011 09:30:49	8.98	51.42	33.50	9.82		11.7	3.41	105.4
288	12/25/2011 09:45:49	9.03	51.48	33.54	9.75		11.2	3.52	104.8
289	12/25/2011 10:00:49	9.07	51.54	33.59	9.68		11.8	3.62	104.2
290	12/25/2011 10:15:49	9.10	51.60	33.63	9.64		12.6	3.71	103.8
291	12/25/2011 10:30:49	9.12	51.56	33.60	9.59		11.9	3.81	103.4
292	12/25/2011 10:45:49	9.14	51.58	33.62	9.54		9.5	3.88	102.8
293	12/25/2011 11:00:49	9.15	51.55	33.60	9.51		7.5	3.96	102.6
294	12/25/2011 11:15:49	9.16	51.71	33.72	9.46		6.7	4.01	102.0
295	12/25/2011 11:30:49	9.15	51.72	33.72	9.44		5.8	4.04	101.9
296	12/25/2011 11:45:49	9.00	51.56	33.60	9.64		5.6	4.06	103.5
297	12/25/2011 12:00:49	9.09	51.50	33.56	9.52		6.1	4.04	102.5
298	12/25/2011 12:15:49	9.06	51.43	33.51	9.73		8.2	4.02	104.6
299	12/25/2011 12:30:49	9.11	51.61	33.64	9.54		6.7	3.96	102.7
300	12/25/2011 12:45:49	9.06	51.50	33.56	9.66		7.1	3.86	103.9
301	12/25/2011 13:00:49	9.04	51.33	33.43	9.83		6.8	3.77	105.6
302	12/25/2011 13:15:49	9.08	51.42	33.50	9.75		6.2	3.64	104.8
303	12/25/2011 13:30:49	8.96	51.39	33.47	9.80		7.7	3.51	105.1
304	12/25/2011 13:45:49	8.95	51.41	33.49	9.75		9.3	3.38	104.5
305	12/25/2011 14:00:49	8.96	51.35	33.44	9.76		8.7	3.24	104.6
306	12/25/2011 14:15:49	8.92	51.36	33.45	9.81		7.3	3.10	105.1
307	12/25/2011 14:30:49	8.89	51.30	33.40	9.88		6.8	2.94	105.7
308	12/25/2011 14:45:49	8.95	51.31	33.41	9.88		5.8	2.81	105.9
309	12/25/2011 15:00:49	8.94	51.29	33.39	9.89		6.7	2.64	105.9
310	12/25/2011 15:15:49	8.93	51.32	33.41	9.90		5.7	2.49	106.0
311	12/25/2011 15:30:49	8.84	51.03	33.20	10.02		7.0	2.32	107.0
312	12/25/2011 15:45:49	8.71	51.00	33.17	10.09		9.8	2.14	107.4
313	12/25/2011 16:00:49	8.63	50.87	33.07	10.14		9.8	1.97	107.7
314	12/25/2011 16:15:49	8.55	50.70	32.94	10.20		9.3	1.79	108.0
315	12/25/2011 16:30:49	8.49	50.51	32.79	10.19		8.1	1.62	107.6
316	12/25/2011 16:45:49	8.50	50.71	32.94	10.16		7.3	1.44	107.5
317	12/25/2011 17:00:49	8.54	50.72	32.95	10.14		7.2	1.25	107.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	12/25/2011 17:15:49	8.48	50.72	32.94	10.15		6.8	1.08	107.3
319	12/25/2011 17:30:49	8.44	50.59	32.85	10.15		7.2	0.91	107.1
320	12/25/2011 17:45:49	8.44	50.51	32.79	10.14		6.8	0.80	107.0
321	12/25/2011 18:00:49	8.43	50.50	32.78	10.11		6.4	0.76	106.7
322	12/25/2011 18:15:49	8.34	50.51	32.78	10.19		5.9	0.75	107.3
323	12/25/2011 18:30:49	8.11	50.27	32.59	10.15		6.2	0.81	106.2
324	12/25/2011 18:45:49	8.11	50.38	32.67	10.14		6.0	0.91	106.2
325	12/25/2011 19:00:49	8.06	50.29	32.60	10.13		5.9	1.02	105.9
326	12/25/2011 19:15:49	8.01	50.23	32.55	10.13		5.4	1.09	105.7
327	12/25/2011 19:30:49	8.03	50.26	32.57	10.16		5.2	1.18	106.1
328	12/25/2011 19:45:49	7.91	50.04	32.40	10.08		6.6	1.25	104.8
329	12/25/2011 20:00:49	7.87	49.98	32.36	10.05		7.2	1.30	104.4
330	12/25/2011 20:15:49	7.97	50.16	32.49	10.10		6.5	1.40	105.3
331	12/25/2011 20:30:49	8.03	50.19	32.52	10.10		6.5	1.50	105.5
332	12/25/2011 20:45:49	8.01	50.17	32.51	10.08		7.0	1.59	105.1
333	12/25/2011 21:00:49	8.10	50.22	32.55	10.08		7.3	1.72	105.4
334	12/25/2011 21:15:49	8.20	50.42	32.70	10.09		6.9	1.83	105.9
335	12/25/2011 21:30:49	8.34	50.51	32.78	10.06		8.2	1.95	106.0
336	12/25/2011 21:45:49	8.39	50.64	32.88	10.06		8.1	2.08	106.1
337	12/25/2011 22:00:49	8.42	50.67	32.90	10.06		8.1	2.20	106.2
338	12/25/2011 22:15:49	8.44	50.59	32.84	10.05		8.4	2.34	106.1
339	12/25/2011 22:30:49	8.46	50.60	32.86	10.05		8.7	2.46	106.2
340	12/25/2011 22:45:48	8.52	50.62	32.87	10.02		9.8	2.57	106.0
341	12/25/2011 23:00:49	8.58	50.80	33.01	9.99		10.5	2.67	105.9
342	12/25/2011 23:15:49	8.63	50.90	33.09	9.94		12.7	2.77	105.6
343	12/25/2011 23:30:49	8.76	50.92	33.11	9.90		14.1	2.88	105.5
344	12/25/2011 23:45:49	8.88	51.19	33.32	9.89		13.7	2.98	105.8
345	12/26/2011 00:00:49	8.97	51.28	33.39	9.86		12.4	3.05	105.7
346	12/26/2011 00:15:49	9.08	51.37	33.46	9.76		13.6	3.14	104.9
347	12/26/2011 00:30:49	9.14	51.46	33.54	9.69		10.6	3.22	104.4
348	12/26/2011 00:45:49	9.14	51.45	33.53	9.67		9.4	3.29	104.1
349	12/26/2011 01:00:49	9.14	51.46	33.54	9.62		8.3	3.34	103.6
350	12/26/2011 01:15:49	9.14	51.48	33.55	9.58		7.5	3.38	103.2
351	12/26/2011 01:30:49	9.14	51.47	33.54	9.53		6.7	3.41	102.7
352	12/26/2011 01:45:49	9.03	51.26	33.38	9.57		6.1	3.41	102.8
353	12/26/2011 02:00:49	9.06	51.34	33.44	9.56		6.4	3.39	102.7
354	12/26/2011 02:15:49	9.05	51.42	33.50	9.59		6.4	3.36	103.0
355	12/26/2011 02:30:49	9.05	51.36	33.46	9.62		9.7	3.28	103.3
356	12/26/2011 02:45:49	8.97	51.27	33.38	9.66		7.9	3.20	103.6
357	12/26/2011 03:00:49	9.01	51.39	33.47	9.63		7.0	3.13	103.4
358	12/26/2011 03:15:49	8.92	51.20	33.33	9.67		8.0	3.04	103.5
359	12/26/2011 03:30:49	8.82	51.17	33.30	9.69		8.3	2.94	103.4
360	12/26/2011 03:45:49	8.79	51.10	33.24	9.71		8.8	2.86	103.6
361	12/26/2011 04:00:49	8.73	51.07	33.22	9.71		7.3	2.79	103.4
362	12/26/2011 04:15:49	8.70	50.93	33.11	9.73		7.0	2.68	103.5
363	12/26/2011 04:30:49	8.69	50.99	33.16	9.74		6.2	2.60	103.6
364	12/26/2011 04:45:49	8.75	51.11	33.25	9.70		5.7	2.52	103.4
365	12/26/2011 05:00:49	8.71	50.93	33.12	9.74		5.9	2.45	103.6
366	12/26/2011 05:15:49	8.67	50.91	33.10	9.72		5.9	2.38	103.3
367	12/26/2011 05:30:49	8.62	50.92	33.10	9.69		5.2	2.30	102.8
368	12/26/2011 05:45:49	8.55	50.89	33.07	9.71		5.4	2.29	102.9
369	12/26/2011 06:00:49	8.52	50.60	32.86	9.72		5.1	2.22	102.8
370	12/26/2011 06:15:49	8.42	50.67	32.91	9.74		4.9	2.22	102.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	12/26/2011 06:30:49	8.37	50.55	32.81	9.73		4.8	2.21	102.5
372	12/26/2011 06:45:49	8.30	50.50	32.77	9.71		4.5	2.22	102.1
373	12/26/2011 07:00:49	8.32	50.39	32.69	9.72		4.4	2.24	102.2
374	12/26/2011 07:15:49	8.38	50.50	32.78	9.76		5.1	2.30	102.8
375	12/26/2011 07:30:49	8.41	50.60	32.85	9.75		5.5	2.37	102.9
376	12/26/2011 07:45:49	8.36	50.56	32.82	9.72		8.3	2.44	102.4
377	12/26/2011 08:00:49	8.43	50.63	32.87	9.72		7.3	2.52	102.7
378	12/26/2011 08:15:49	8.56	50.77	32.99	9.71		6.6	2.59	102.9
379	12/26/2011 08:30:49	8.60	50.86	33.06	9.71		6.7	2.68	103.0
380	12/26/2011 08:45:49	8.73	51.02	33.18	9.67		6.6	2.76	103.0
381	12/26/2011 09:00:49	8.82	51.00	33.18	9.69		6.5	2.86	103.3
382	12/26/2011 09:15:49	8.85	51.19	33.32	9.69		6.5	2.94	103.5
383	12/26/2011 09:30:49	8.90	51.13	33.28	9.64		7.7	3.04	103.1
384	12/26/2011 09:45:49	8.99	51.24	33.36	9.52		8.6	3.14	102.1
385	12/26/2011 10:00:49	9.06	51.36	33.46	9.41		9.3	3.23	101.1
386	12/26/2011 10:15:49	9.10	51.41	33.49	9.35		9.4	3.33	100.6
387	12/26/2011 10:30:49	9.16	51.47	33.54	9.26		9.5	3.42	99.7
388	12/26/2011 10:45:49	9.24	51.40	33.50	9.12		9.7	3.52	98.4
389	12/26/2011 11:00:49	9.28	51.62	33.66	9.04		9.8	3.59	97.8
390	12/26/2011 11:15:49	9.33	51.48	33.56	8.99		9.6	3.70	97.2
391	12/26/2011 11:30:49	9.40	51.67	33.70	8.99		7.9	3.76	97.4
392	12/26/2011 11:45:49	9.41	51.50	33.58	8.98		6.4	3.81	97.3
393	12/26/2011 12:00:49	9.41	51.59	33.65	9.00		6.0	3.88	97.6
394	12/26/2011 12:15:49	9.44	51.74	33.76	8.97		5.1	3.90	97.5
395	12/26/2011 12:30:49	9.17	51.46	33.54	9.55		5.1	3.90	102.9
396	12/26/2011 12:45:49	9.35	51.42	33.52	9.05		5.7	3.92	98.0
397	12/26/2011 13:00:49	9.31	51.55	33.62	9.27		5.1	3.89	100.3
398	12/26/2011 13:15:49	9.38	51.57	33.64	9.12		5.6	3.82	98.9
399	12/26/2011 13:30:49	9.34	51.38	33.49	9.23		6.2	3.75	99.8
400	12/26/2011 13:45:49	9.43	51.48	33.57	9.35		6.1	3.65	101.4
401	12/26/2011 14:00:49	9.32	51.35	33.47	9.48		5.4	3.53	102.4
402	12/26/2011 14:15:49	9.26	51.21	33.36	9.71		6.3	3.42	104.7
403	12/26/2011 14:30:49	9.25	51.37	33.48	9.48		7.3	3.29	102.3
404	12/26/2011 14:45:49	9.20	51.19	33.35	9.54		6.4	3.16	102.8
405	12/26/2011 15:00:49	9.20	51.23	33.37	9.62		7.0	3.04	103.6
406	12/26/2011 15:15:49	9.16	51.20	33.34	9.77		6.2	2.90	105.1
407	12/26/2011 15:30:49	9.23	51.12	33.29	9.78		6.1	2.75	105.4
408	12/26/2011 15:45:49	9.29	51.39	33.50	9.65		5.7	2.62	104.3
409	12/26/2011 16:00:49	9.31	51.30	33.43	9.64		5.0	2.46	104.1
410	12/26/2011 16:15:49	9.17	51.22	33.36	9.88		5.7	2.30	106.4
411	12/26/2011 16:30:49	8.96	50.96	33.15	10.01		8.3	2.14	107.2
412	12/26/2011 16:45:49	8.96	51.02	33.20	10.05		8.3	1.97	107.6
413	12/26/2011 17:00:49	8.82	50.80	33.03	10.14		8.1	1.79	108.1
414	12/26/2011 17:15:49	8.78	50.71	32.96	10.16		8.7	1.63	108.1
415	12/26/2011 17:30:49	8.73	50.77	33.00	10.20		7.2	1.44	108.5
416	12/26/2011 17:45:49	8.69	50.69	32.94	10.25		7.4	1.29	108.9
417	12/26/2011 18:00:49	8.67	50.67	32.93	10.26		6.8	1.14	109.0
418	12/26/2011 18:15:49	8.64	50.68	32.93	10.25		7.4	1.03	108.7
419	12/26/2011 18:30:49	8.62	50.62	32.89	10.25		7.0	0.90	108.7
420	12/26/2011 18:45:49	8.65	50.65	32.91	10.15		8.5	0.84	107.7
421	12/26/2011 19:00:49	8.59	50.56	32.84	10.21		6.6	0.87	108.2
422	12/26/2011 19:15:49	8.45	50.45	32.75	10.15		5.6	0.89	107.1
423	12/26/2011 19:30:49	8.45	50.29	32.63	10.09		5.5	1.01	106.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	12/26/2011 19:45:49	8.42	50.22	32.58	10.04		6.8	1.09	105.8
425	12/26/2011 20:00:49	8.42	50.25	32.60	10.07		6.6	1.18	106.1
426	12/26/2011 20:15:49	8.42	50.24	32.60	10.11		6.8	1.24	106.6
427	12/26/2011 20:30:49	8.36	49.94	32.37	9.94		7.8	1.31	104.5
428	12/26/2011 20:45:49	8.39	49.91	32.36	9.96		6.9	1.41	104.7
429	12/26/2011 21:00:49	8.47	49.95	32.39	10.08		6.8	1.49	106.1
430	12/26/2011 21:15:49	8.46	50.10	32.49	9.97		7.2	1.57	105.1
431	12/26/2011 21:30:49	8.47	50.08	32.48	9.97		7.1	1.68	105.1
432	12/26/2011 21:45:49	8.55	50.38	32.70	10.04		6.6	1.79	106.2
433	12/26/2011 22:00:49	8.60	50.25	32.62	10.08		6.5	1.89	106.6
434	12/26/2011 22:15:49	8.69	50.44	32.76	10.00		7.2	2.02	106.1
435	12/26/2011 22:30:49	8.72	50.47	32.79	9.99		8.3	2.17	106.1
436	12/26/2011 22:45:49	8.76	50.54	32.84	9.98		7.9	2.27	106.1
437	12/26/2011 23:00:49	8.76	50.78	33.01	9.98		8.1	2.40	106.2
438	12/26/2011 23:15:49	8.80	50.69	32.95	9.96		8.4	2.52	106.1
439	12/26/2011 23:30:49	8.85	50.87	33.08	9.89		8.9	2.62	105.5
440	12/26/2011 23:45:49	8.88	50.76	33.00	9.85		10.1	2.73	105.1
441	12/27/2011 00:00:49	8.94	50.97	33.16	9.75		10.5	2.81	104.3
442	12/27/2011 00:15:49	9.06	51.10	33.27	9.71		11.7	2.92	104.2
443	12/27/2011 00:30:49	9.12	51.23	33.37	9.71		11.4	3.00	104.5
444	12/27/2011 00:45:49	9.20	51.34	33.45	9.70		11.6	3.08	104.6
445	12/27/2011 01:00:49	9.27	51.33	33.45	9.70		10.7	3.16	104.8
446	12/27/2011 01:15:49	9.30	51.48	33.56	9.67		8.9	3.24	104.6
447	12/27/2011 01:30:49	9.31	51.37	33.48	9.68		8.6	3.31	104.6
448	12/27/2011 01:45:49	9.31	51.50	33.58	9.67		7.2	3.36	104.6
449	12/27/2011 02:00:49	9.27	51.25	33.39	9.63		6.3	3.39	104.0
450	12/27/2011 02:15:49	8.11	50.84	33.00	9.64		6.3	3.42	101.1
451	12/27/2011 02:30:49	9.12	51.21	33.35	9.60		5.1	3.44	103.2
452	12/27/2011 02:45:49	8.97	51.21	33.34	9.60		5.9	3.39	102.9
453	12/27/2011 03:00:49	9.21	51.35	33.46	9.63		6.9	3.33	103.9
454	12/27/2011 03:15:49	8.87	51.22	33.34	9.59		6.9	3.28	102.6
455	12/27/2011 03:30:49	8.54	51.05	33.19	9.60		6.7	3.20	101.8
456	12/27/2011 03:45:49	8.95	51.32	33.41	9.64		6.8	3.09	103.3
457	12/27/2011 04:00:49	8.74	51.10	33.24	9.64		7.1	3.00	102.7
458	12/27/2011 04:15:49	8.69	51.01	33.17	9.63		7.9	2.91	102.4
459	12/27/2011 04:30:49	8.68	51.06	33.21	9.62		6.7	2.81	102.4
460	12/27/2011 04:45:49	8.59	51.03	33.18	9.62		6.5	2.73	102.2
461	12/27/2011 05:00:49	8.51	50.98	33.13	9.64		6.7	2.64	102.1
462	12/27/2011 05:15:49	8.60	51.05	33.19	9.63		7.0	2.56	102.3
463	12/27/2011 05:30:49	8.60	51.05	33.19	9.60		6.2	2.48	101.9
464	12/27/2011 05:45:49	8.63	51.10	33.23	9.64		6.1	2.41	102.5
465	12/27/2011 06:00:49	8.52	51.00	33.15	9.65		5.6	2.35	102.3
466	12/27/2011 06:15:49	8.39	50.93	33.09	9.63		5.6	2.27	101.8
467	12/27/2011 06:30:49	8.32	50.83	33.01	9.63		5.6	2.22	101.5
468	12/27/2011 06:45:49	8.32	50.72	32.93	9.67		5.3	2.19	101.9
469	12/27/2011 07:00:49	8.10	50.38	32.67	9.70		4.6	2.15	101.5
470	12/27/2011 07:15:49	7.98	50.57	32.79	9.68		4.4	2.14	101.2
471	12/27/2011 07:30:49	8.01	50.56	32.79	9.66		4.7	2.15	101.0
472	12/27/2011 07:45:49	8.03	50.52	32.76	9.69		4.8	2.18	101.3
473	12/27/2011 08:00:49	8.15	50.69	32.90	9.69		4.7	2.21	101.6
474	12/27/2011 08:15:49	8.22	50.77	32.96	9.70		5.1	2.29	102.0
475	12/27/2011 08:30:49	8.18	50.63	32.85	9.70		5.9	2.35	101.8
476	12/27/2011 08:45:49	8.06	50.57	32.80	9.67		6.8	2.43	101.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	12/27/2011 09:00:49	8.25	50.78	32.97	9.66		6.4	2.52	101.7
478	12/27/2011 09:15:49	8.39	50.75	32.96	9.64		6.1	2.61	101.8
479	12/27/2011 09:30:49	8.45	50.85	33.04	9.63		5.9	2.68	101.8
480	12/27/2011 09:45:49	8.66	51.08	33.22	9.63		5.9	2.76	102.4
481	12/27/2011 10:00:49	8.84	51.06	33.22	9.66		5.9	2.84	103.1
482	12/27/2011 10:15:49	8.88	51.16	33.30	9.67		6.1	2.92	103.4
483	12/27/2011 10:30:49	8.93	51.26	33.37	9.67		6.7	3.00	103.5
484	12/27/2011 10:45:49	9.00	51.31	33.41	9.66		7.4	3.07	103.6
485	12/27/2011 11:00:49	9.08	51.30	33.41	9.66		7.2	3.17	103.8
486	12/27/2011 11:15:49	9.14	51.32	33.43	9.66		7.9	3.25	103.9
487	12/27/2011 11:30:49	9.20	51.46	33.54	9.64		8.6	3.34	104.0
488	12/27/2011 11:45:49	9.27	51.50	33.57	9.63		8.2	3.41	104.1
489	12/27/2011 12:00:49	9.31	51.42	33.52	9.64		7.6	3.50	104.2
490	12/27/2011 12:15:49	9.37	51.57	33.63	9.62		8.1	3.56	104.2
491	12/27/2011 12:30:49	9.41	51.55	33.62	9.62		6.5	3.62	104.3
492	12/27/2011 12:45:49	9.42	51.59	33.65	9.60		5.6	3.69	104.1
493	12/27/2011 13:00:49	9.44	51.60	33.66	9.58		4.9	3.72	104.0
494	12/27/2011 13:15:49	9.46	51.61	33.67	9.58		4.3	3.73	104.0
495	12/27/2011 13:30:49	9.30	51.30	33.43	9.76		5.3	3.74	105.4
496	12/27/2011 13:45:49	9.36	51.46	33.55	9.74		5.6	3.71	105.4
497	12/27/2011 14:00:49	9.40	51.49	33.58	9.67		5.0	3.65	104.8
498	12/27/2011 14:15:49	9.37	51.54	33.61	9.61		6.6	3.60	104.1
499	12/27/2011 14:30:49	9.32	51.45	33.54	9.73		6.7	3.50	105.2
500	12/27/2011 14:45:49	9.28	51.34	33.46	9.90		5.6	3.39	106.9
501	12/27/2011 15:00:49	9.21	51.17	33.33	9.99		5.1	3.30	107.7
502	12/27/2011 15:15:49	9.10	51.16	33.31	10.08		5.3	3.17	108.3
503	12/27/2011 15:30:49	9.08	51.23	33.36	9.95		6.2	3.05	107.0
504	12/27/2011 15:45:49	9.05	51.21	33.35	9.97		5.6	2.92	107.0
505	12/27/2011 16:00:49	9.01	51.12	33.28	10.02		5.9	2.80	107.4
506	12/27/2011 16:15:49	9.09	51.18	33.33	9.86		4.9	2.68	105.9
507	12/27/2011 16:30:49	9.15	51.33	33.44	9.78		5.3	2.52	105.3
508	12/27/2011 16:45:49	9.11	51.17	33.32	9.79		5.6	2.39	105.2
509	12/27/2011 17:00:49	9.00	51.14	33.29	9.84		5.6	2.24	105.5
510	12/27/2011 17:15:49	8.84	50.95	33.14	9.91		6.7	2.09	105.8
511	12/27/2011 17:30:49	8.81	50.85	33.07	9.93		7.5	1.94	105.9
512	12/27/2011 17:45:49	8.71	50.74	32.98	9.98		7.8	1.78	106.1
513	12/27/2011 18:00:49	8.66	50.66	32.92	10.02		7.3	1.64	106.3
514	12/27/2011 18:15:49	8.64	50.72	32.96	10.02		7.1	1.47	106.3
515	12/27/2011 18:30:49	8.63	50.75	32.98	10.01		6.4	1.36	106.2
516	12/27/2011 18:45:49	8.62	50.79	33.01	9.98		5.9	1.25	105.9
517	12/27/2011 19:00:49	8.61	50.48	32.78	10.02		6.1	1.14	106.1
518	12/27/2011 19:15:49	8.58	50.73	32.96	10.01		6.6	1.07	106.1
519	12/27/2011 19:30:49	8.67	50.80	33.02	9.84		6.8	1.05	104.5
520	12/27/2011 19:45:49	8.51	50.47	32.77	10.11		5.5	1.03	106.8
521	12/27/2011 20:00:49	8.39	50.55	32.82	10.21		4.9	1.07	107.6
522	12/27/2011 20:15:49	8.32	50.33	32.65	10.29		4.7	1.17	108.2
523	12/27/2011 20:30:49	8.24	50.33	32.64	10.25		5.1	1.25	107.6
524	12/27/2011 20:45:49	8.23	50.15	32.51	10.26		4.7	1.31	107.6
525	12/27/2011 21:00:49	8.23	50.30	32.62	10.21		4.9	1.40	107.1
526	12/27/2011 21:15:49	8.13	50.14	32.50	10.07		5.9	1.47	105.4
527	12/27/2011 21:30:49	8.18	50.31	32.62	10.10		5.8	1.54	105.9
528	12/27/2011 21:45:49	8.22	50.20	32.54	10.02		6.3	1.65	105.1
529	12/27/2011 22:00:49	8.25	50.32	32.64	10.01		6.6	1.73	105.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
530	12/27/2011 22:15:49	8.34	50.39	32.70	10.03		6.0	1.83	105.6
531	12/27/2011 22:30:49	8.39	50.51	32.79	10.05		5.6	1.94	106.0
532	12/27/2011 22:45:49	8.56	50.64	32.90	9.97		6.5	2.05	105.6
533	12/27/2011 23:00:49	8.65	50.77	33.00	9.93		6.3	2.17	105.4
534	12/27/2011 23:15:49	8.69	50.83	33.04	9.93		6.4	2.29	105.5
535	12/27/2011 23:30:49	8.75	50.82	33.04	9.92		7.2	2.39	105.6
536	12/27/2011 23:45:49	8.79	50.83	33.05	9.91		7.3	2.51	105.6
537	12/28/2011 00:00:49	8.87	50.91	33.11	9.87		7.8	2.63	105.3
538	12/28/2011 00:15:49	8.91	50.93	33.13	9.85		8.6	2.72	105.2
539	12/28/2011 00:30:49	8.98	50.98	33.17	9.81		10.1	2.82	105.0
540	12/28/2011 00:45:49	9.07	51.16	33.31	9.77		10.4	2.91	104.9
541	12/28/2011 01:00:49	9.17	51.17	33.32	9.79		10.4	3.00	105.4
542	12/28/2011 01:15:49	9.28	51.13	33.31	9.79		9.8	3.09	105.7
543	12/28/2011 01:30:49	9.32	51.34	33.46	9.77		10.0	3.16	105.6
544	12/28/2011 01:45:49	9.36	51.22	33.38	9.77		9.0	3.25	105.6
545	12/28/2011 02:00:49	9.36	51.39	33.50	9.75		7.9	3.32	105.5
546	12/28/2011 02:15:49	9.36	51.27	33.41	9.74		6.8	3.37	105.4
547	12/28/2011 02:30:49	9.37	51.29	33.43	9.73		5.5	3.43	105.3
548	12/28/2011 02:45:49	9.33	51.27	33.41	9.71		4.9	3.48	105.0
549	12/28/2011 03:00:49	9.33	51.27	33.41	9.66		5.4	3.47	104.4
550	12/28/2011 03:15:49	9.35	51.35	33.47	9.66		5.6	3.47	104.5
551	12/28/2011 03:30:49	9.31	51.29	33.43	9.65		6.3	3.44	104.3
552	12/28/2011 03:45:49	9.31	51.22	33.37	9.68		6.7	3.37	104.6
553	12/28/2011 04:00:49	9.24	51.13	33.30	9.66		6.1	3.29	104.2
554	12/28/2011 04:15:49	9.20	51.19	33.35	9.63		6.4	3.22	103.8
555	12/28/2011 04:30:49	9.22	51.06	33.25	9.62		6.2	3.13	103.6
556	12/28/2011 04:45:49	9.16	51.10	33.28	9.61		6.8	3.03	103.4
557	12/28/2011 05:00:49	9.11	51.05	33.23	9.62		6.7	2.95	103.3
558	12/28/2011 05:15:49	9.06	51.03	33.22	9.60		6.2	2.85	103.1
559	12/28/2011 05:30:49	9.04	50.96	33.17	9.62		6.1	2.77	103.1
560	12/28/2011 05:45:49	9.05	51.07	33.25	9.60		5.7	2.68	103.0
561	12/28/2011 06:00:49	8.99	50.92	33.13	9.59		5.6	2.62	102.7
562	12/28/2011 06:15:49	9.06	51.09	33.26	9.59		4.9	2.54	102.9
563	12/28/2011 06:30:49	9.06	51.04	33.22	9.60		5.0	2.45	103.0
564	12/28/2011 06:45:49	9.09	50.97	33.17	9.52		5.4	2.38	102.2
565	12/28/2011 07:00:49	9.04	50.99	33.18	9.54		4.8	2.32	102.3
566	12/28/2011 07:15:49	8.92	50.86	33.08	9.59		4.6	2.27	102.5
567	12/28/2011 07:30:49	8.89	50.81	33.04	9.54		4.8	2.20	101.9
568	12/28/2011 07:45:49	8.79	50.67	32.93	9.59		4.5	2.18	102.1
569	12/28/2011 08:00:49	8.67	50.56	32.85	9.55		4.2	2.18	101.3
570	12/28/2011 08:15:49	8.63	50.46	32.77	9.52		4.3	2.14	100.8
571	12/28/2011 08:30:49	8.66	50.43	32.75	9.55		4.4	2.19	101.3
572	12/28/2011 08:45:49	8.76	50.61	32.89	9.56		4.5	2.21	101.6
573	12/28/2011 09:00:49	8.73	50.63	32.90	9.61		4.5	2.27	102.2
574	12/28/2011 09:15:49	8.77	50.65	32.92	9.59		5.0	2.33	102.0
575	12/28/2011 09:30:49	8.74	50.44	32.76	9.57		6.2	2.39	101.7
576	12/28/2011 09:45:49	8.82	50.59	32.88	9.59		5.7	2.47	102.1
577	12/28/2011 10:00:49	8.92	50.82	33.05	9.56		5.6	2.55	102.2
578	12/28/2011 10:15:49	8.97	50.82	33.06	9.56		5.3	2.62	102.3
579	12/28/2011 10:30:49	9.01	50.89	33.11	9.57		5.1	2.69	102.5
580	12/28/2011 10:45:49	9.13	50.94	33.15	9.60		5.0	2.76	103.1
581	12/28/2011 11:00:49	9.18	51.09	33.27	9.63		4.9	2.83	103.7
582	12/28/2011 11:15:49	9.21	51.03	33.23	9.66		5.0	2.91	104.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	12/28/2011 11:30:49	9.24	50.90	33.14	9.67		4.9	2.97	104.1
584	12/28/2011 11:45:49	9.27	51.02	33.23	9.65		5.0	3.04	104.0
585	12/28/2011 12:00:49	9.34	51.22	33.38	9.62		5.1	3.10	104.0
586	12/28/2011 12:15:49	9.39	51.08	33.28	9.61		5.4	3.17	103.9
587	12/28/2011 12:30:49	9.42	51.27	33.42	9.58		5.5	3.24	103.8
588	12/28/2011 12:45:49	9.47	51.14	33.33	9.58		5.4	3.32	103.8
589	12/28/2011 13:00:49	9.53	51.34	33.47	9.54		5.7	3.37	103.6
590	12/28/2011 13:15:49	9.57	51.32	33.47	9.53		5.0	3.43	103.5
591	12/28/2011 13:30:49	9.60	51.38	33.51	9.50		5.1	3.48	103.4
592	12/28/2011 13:45:49	9.63	51.34	33.48	9.49		4.7	3.50	103.3
593	12/28/2011 14:00:49	9.53	51.30	33.45	9.58		4.5	3.52	104.0
594	12/28/2011 14:15:49	9.58	51.30	33.45	9.50		3.9	3.53	103.2
595	12/28/2011 14:30:49	9.58	51.34	33.48	9.47		4.3	3.50	103.0
596	12/28/2011 14:45:49	9.64	51.42	33.54	9.46		4.9	3.47	103.1
597	12/28/2011 15:00:49	9.57	51.15	33.34	9.60		4.9	3.41	104.3
598	12/28/2011 15:15:49	9.57	51.30	33.45	9.61		5.4	3.33	104.4
599	12/28/2011 15:30:49	9.54	51.25	33.42	9.70		4.9	3.25	105.3
600	12/28/2011 15:45:49	9.51	51.11	33.31	9.74		5.4	3.14	105.7
601	12/28/2011 16:00:49	9.47	51.06	33.27	9.85		5.0	3.05	106.7
602	12/28/2011 16:15:49	9.44	51.06	33.27	9.84		5.4	2.95	106.5
603	12/28/2011 16:30:49	9.41	50.92	33.16	9.86		4.7	2.83	106.6
604	12/28/2011 16:45:49	9.38	50.98	33.21	9.87		5.1	2.71	106.7
605	12/28/2011 17:00:49	9.33	50.96	33.19	9.80		4.8	2.61	105.8
606	12/28/2011 17:15:49	9.34	50.92	33.16	9.66		5.1	2.47	104.3
607	12/28/2011 17:30:49	9.37	51.09	33.29	9.58		5.0	2.35	103.6
608	12/28/2011 17:45:49	9.32	50.87	33.12	9.62		5.9	2.23	103.7
609	12/28/2011 18:00:49	9.24	50.77	33.04	9.67		7.3	2.09	104.1
610	12/28/2011 18:15:49	9.19	50.85	33.09	9.69		6.7	1.97	104.2
611	12/28/2011 18:30:49	9.14	50.70	32.98	9.70		6.1	1.83	104.1
612	12/28/2011 18:45:49	9.12	50.69	32.98	9.75		7.4	1.68	104.6
613	12/28/2011 19:00:49	9.11	50.67	32.96	9.73		6.5	1.58	104.3
614	12/28/2011 19:15:49	9.07	50.55	32.87	9.82		5.6	1.46	105.1
615	12/28/2011 19:30:49	9.08	50.60	32.91	9.78		5.1	1.37	104.7
616	12/28/2011 19:45:49	9.09	50.52	32.85	9.75		7.2	1.31	104.5
617	12/28/2011 20:00:49	9.07	50.47	32.81	9.77		5.0	1.25	104.6
618	12/28/2011 20:15:49	9.09	50.36	32.73	9.75		5.1	1.25	104.4
619	12/28/2011 20:30:49	9.10	50.45	32.80	9.75		5.2	1.25	104.4
620	12/28/2011 20:45:49	9.10	50.32	32.70	9.79		5.5	1.28	104.8
621	12/28/2011 21:00:49	9.09	50.37	32.74	9.82		8.4	1.34	105.2
622	12/28/2011 21:15:49	9.07	50.34	32.72	9.88		7.6	1.44	105.7
623	12/28/2011 21:30:49	9.08	50.34	32.72	9.87		8.4	1.49	105.6
624	12/28/2011 21:45:49	9.15	49.84	32.37	9.69		10.6	1.58	103.6
625	12/28/2011 22:00:49	9.15	49.85	32.37	9.69		7.8	1.66	103.6
626	12/28/2011 22:15:49	9.14	49.96	32.45	9.72		6.7	1.74	104.0
627	12/28/2011 22:30:49	9.12	50.14	32.58	9.76		6.0	1.84	104.4
628	12/28/2011 22:45:49	9.12	50.32	32.71	9.76		5.7	1.92	104.5
629	12/28/2011 23:00:49	9.12	50.36	32.74	9.76		5.3	2.00	104.6
630	12/28/2011 23:15:49	9.14	50.47	32.81	9.76		5.1	2.11	104.7
631	12/28/2011 23:30:49	9.19	50.63	32.93	9.72		5.8	2.22	104.4
632	12/28/2011 23:45:49	9.21	50.71	33.00	9.71		5.7	2.31	104.3
633	12/29/2011 00:00:49	9.23	50.76	33.03	9.71		6.1	2.42	104.5
634	12/29/2011 00:15:49	9.27	50.81	33.08	9.69		6.4	2.52	104.3
635	12/29/2011 00:30:49	9.31	50.77	33.05	9.67		7.0	2.62	104.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	12/29/2011 00:45:49	9.31	50.65	32.96	9.67		6.8	2.71	104.2
637	12/29/2011 01:00:49	9.36	50.85	33.11	9.65		7.5	2.80	104.2
638	12/29/2011 01:15:49	9.44	50.76	33.05	9.61		7.4	2.89	103.9
639	12/29/2011 01:30:49	9.48	50.97	33.21	9.60		7.5	2.98	103.9
640	12/29/2011 01:45:49	9.54	50.94	33.19	9.61		8.0	3.06	104.2
641	12/29/2011 02:00:49	9.69	51.11	33.32	9.60		8.5	3.15	104.5
642	12/29/2011 02:15:49	9.76	51.19	33.39	9.59		8.4	3.22	104.7
643	12/29/2011 02:30:49	9.80	51.07	33.30	9.57		7.3	3.30	104.5
644	12/29/2011 02:45:49	9.84	51.26	33.45	9.56		6.8	3.37	104.5
645	12/29/2011 03:00:49	9.87	51.10	33.33	9.57		6.5	3.43	104.6
646	12/29/2011 03:15:49	9.86	51.24	33.43	9.55		5.7	3.45	104.4
647	12/29/2011 03:30:49	9.86	51.27	33.45	9.50		4.6	3.48	103.9
648	12/29/2011 03:45:49	9.75	51.08	33.30	9.47		4.7	3.49	103.2
649	12/29/2011 04:00:49	9.81	51.23	33.42	9.47		5.1	3.45	103.5
650	12/29/2011 04:15:49	9.77	51.13	33.35	9.48		5.7	3.42	103.5
651	12/29/2011 04:30:49	9.77	51.22	33.41	9.50		5.1	3.38	103.7
652	12/29/2011 04:45:49	9.68	51.11	33.32	9.43		5.4	3.29	102.6
653	12/29/2011 05:00:49	9.70	50.91	33.18	9.46		5.4	3.21	103.0
654	12/29/2011 05:15:49	9.68	51.04	33.27	9.46		5.0	3.15	102.9
655	12/29/2011 05:30:49	9.58	50.97	33.22	9.44		5.6	3.03	102.4
656	12/29/2011 05:45:49	9.55	50.96	33.21	9.42		5.6	2.96	102.1
657	12/29/2011 06:00:49	9.54	50.81	33.10	9.41		5.6	2.89	102.0
658	12/29/2011 06:15:49	9.50	50.88	33.14	9.41		5.5	2.79	101.9
659	12/29/2011 06:30:49	9.46	50.70	33.01	9.39		5.4	2.72	101.5
660	12/29/2011 06:45:49	9.43	50.82	33.10	9.39		5.1	2.63	101.5
661	12/29/2011 07:00:49	9.47	50.79	33.08	9.39		4.7	2.54	101.6
662	12/29/2011 07:15:49	9.54	50.96	33.21	9.39		6.6	2.48	101.8
663	12/29/2011 07:30:49	9.48	50.82	33.09	9.38		9.0	2.42	101.5
664	12/29/2011 07:45:49	9.44	50.67	32.99	9.39		5.9	2.35	101.5
665	12/29/2011 08:00:49	9.46	50.81	33.09	9.36		4.5	2.29	101.3
666	12/29/2011 08:15:49	9.38	50.61	32.93	9.35		4.2	2.23	100.8
667	12/29/2011 08:30:49	9.32	50.41	32.79	9.31		4.4	2.22	100.2
668	12/29/2011 08:45:49	9.28	50.28	32.69	9.35		3.9	2.18	100.5
669	12/29/2011 09:00:49	9.29	50.14	32.59	9.32		4.0	2.15	100.2
670	12/29/2011 09:15:49	9.32	50.37	32.76	9.29		4.5	2.18	99.9
671	12/29/2011 09:30:49	9.32	50.30	32.71	9.33		4.0	2.21	100.4
672	12/29/2011 09:45:49	9.33	50.39	32.78	9.33		4.4	2.22	100.4
673	12/29/2011 10:00:49	9.33	50.25	32.67	9.37		4.3	2.30	100.8
674	12/29/2011 10:15:49	9.41	50.20	32.64	9.30		5.4	2.36	100.2
675	12/29/2011 10:30:49	9.46	50.05	32.54	9.28		5.6	2.42	100.1
676	12/29/2011 10:45:49	9.42	50.47	32.84	9.33		5.3	2.48	100.7
677	12/29/2011 11:00:49	9.45	50.60	32.93	9.33		5.0	2.57	100.8
678	12/29/2011 11:15:49	9.47	50.51	32.87	9.34		4.8	2.61	100.9
679	12/29/2011 11:30:49	9.51	50.71	33.02	9.34		5.3	2.68	101.1
680	12/29/2011 11:45:49	9.60	50.82	33.11	9.40		5.0	2.75	102.0
681	12/29/2011 12:00:49	9.61	50.76	33.07	9.42		4.7	2.79	102.2
682	12/29/2011 12:15:49	9.63	50.92	33.18	9.44		4.5	2.86	102.5
683	12/29/2011 12:30:49	9.63	50.67	33.00	9.47		4.3	2.91	102.7
684	12/29/2011 12:45:49	9.65	50.89	33.16	9.46		4.6	2.98	102.8
685	12/29/2011 13:00:49	9.70	50.95	33.21	9.47		4.7	3.03	103.0
686	12/29/2011 13:15:49	9.75	51.02	33.26	9.47		4.6	3.08	103.2
687	12/29/2011 13:30:49	9.79	50.83	33.13	9.48		4.4	3.14	103.3
688	12/29/2011 13:45:49	9.81	51.02	33.27	9.47		4.2	3.20	103.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	12/29/2011 14:00:49	9.81	51.01	33.26	9.46		4.2	3.24	103.3
690	12/29/2011 14:15:49	9.86	51.00	33.26	9.46		4.2	3.27	103.3
691	12/29/2011 14:30:49	9.88	51.01	33.26	9.42		4.0	3.30	102.9
692	12/29/2011 14:45:49	9.91	50.95	33.23	9.42		3.8	3.31	103.0
693	12/29/2011 15:00:49	9.81	50.95	33.22	9.45		4.1	3.34	103.1
694	12/29/2011 15:15:49	9.84	51.04	33.29	9.37		4.0	3.31	102.3
695	12/29/2011 15:30:49	9.86	50.86	33.16	9.42		4.2	3.28	102.8
696	12/29/2011 15:45:49	9.84	50.87	33.16	9.46		4.1	3.25	103.2
697	12/29/2011 16:00:49	9.84	50.67	33.01	9.52		4.2	3.18	103.8
698	12/29/2011 16:15:49	9.80	50.56	32.93	9.54		4.3	3.09	103.9
699	12/29/2011 16:30:49	9.78	50.66	33.00	9.49		4.1	3.02	103.3
700	12/29/2011 16:45:49	9.75	50.74	33.06	9.43		4.6	2.93	102.7
701	12/29/2011 17:00:49	9.74	50.70	33.03	9.44		5.0	2.85	102.7
702	12/29/2011 17:15:49	9.72	50.64	32.98	9.45		4.6	2.75	102.7
703	12/29/2011 17:30:49	9.71	50.63	32.98	9.44		4.7	2.65	102.6
704	12/29/2011 17:45:49	9.69	50.47	32.86	9.45		4.8	2.56	102.5
705	12/29/2011 18:00:49	9.68	50.51	32.89	9.36		5.1	2.46	101.7
706	12/29/2011 18:15:49	9.70	50.53	32.90	9.31		5.3	2.36	101.1
707	12/29/2011 18:30:49	9.70	50.50	32.88	9.29		5.6	2.24	100.9
708	12/29/2011 18:45:49	9.69	50.47	32.86	9.27		6.0	2.12	100.7
709	12/29/2011 19:00:49	9.67	50.47	32.86	9.29		5.5	2.04	100.8
710	12/29/2011 19:15:49	9.65	50.31	32.74	9.28		5.3	1.92	100.6
711	12/29/2011 19:30:49	9.69	50.04	32.55	9.23		5.6	1.82	99.9
712	12/29/2011 19:45:49	9.66	50.14	32.62	9.23		5.1	1.73	99.9
713	12/29/2011 20:00:49	9.68	49.99	32.51	9.21		5.4	1.65	99.7
714	12/29/2011 20:15:49	9.67	49.93	32.47	9.22		5.0	1.57	99.8
715	12/29/2011 20:30:49	9.68	49.85	32.41	9.19		4.7	1.54	99.5
716	12/29/2011 20:45:49	9.73	49.86	32.42	9.15		5.1	1.52	99.2
717	12/29/2011 21:00:49	9.77	49.76	32.35	9.06		5.0	1.48	98.2
718	12/29/2011 21:15:49	9.72	49.99	32.51	9.15		5.0	1.50	99.2
719	12/29/2011 21:30:49	9.70	50.04	32.55	9.17		5.0	1.55	99.4
720	12/29/2011 21:45:49	9.68	50.00	32.52	9.22		4.3	1.59	99.8
721	12/29/2011 22:00:49	9.68	50.01	32.52	9.23		4.7	1.65	100.0
722	12/29/2011 22:15:49	9.77	49.61	32.24	9.17		5.6	1.72	99.4
723	12/29/2011 22:30:49	9.73	49.62	32.25	9.20		4.8	1.80	99.6
724	12/29/2011 22:45:49	9.75	49.62	32.25	9.18		5.0	1.89	99.4
725	12/29/2011 23:00:49	9.80	49.52	32.18	9.16		5.2	1.96	99.2
726	12/29/2011 23:15:49	9.74	49.67	32.28	9.20		4.7	2.05	99.6
727	12/29/2011 23:30:49	9.70	49.90	32.45	9.23		4.8	2.13	99.9
728	12/29/2011 23:45:49	9.69	50.15	32.63	9.25		4.8	2.20	100.3
729	12/30/2011 00:00:49	9.67	50.29	32.73	9.28		4.7	2.30	100.6
730	12/30/2011 00:15:49	9.65	50.36	32.78	9.30		4.9	2.38	100.9
731	12/30/2011 00:30:49	9.65	50.40	32.80	9.32		4.8	2.47	101.0
732	12/30/2011 00:45:49	9.64	50.47	32.86	9.34		5.2	2.58	101.2
733	12/30/2011 01:00:49	9.70	50.42	32.82	9.34		6.2	2.64	101.4
734	12/30/2011 01:15:49	9.75	50.36	32.78	9.34		6.7	2.73	101.4
735	12/30/2011 01:30:49	9.76	50.50	32.88	9.34		6.5	2.82	101.5
736	12/30/2011 01:45:49	9.81	50.44	32.85	9.34		7.0	2.90	101.7
737	12/30/2011 02:00:49	9.88	50.68	33.03	9.33		8.1	2.99	101.8
738	12/30/2011 02:15:49	9.92	50.77	33.09	9.34		8.1	3.08	102.1
739	12/30/2011 02:30:49	10.03	50.82	33.14	9.36		8.2	3.16	102.6
740	12/30/2011 02:45:49	10.10	50.92	33.21	9.36		7.6	3.25	102.7
741	12/30/2011 03:00:49	10.13	50.98	33.26	9.36		7.0	3.31	102.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	12/30/2011 03:15:49	10.16	50.96	33.24	9.37		6.8	3.37	103.0
743	12/30/2011 03:30:49	10.18	50.97	33.26	9.35		6.1	3.45	102.9
744	12/30/2011 03:45:49	10.18	51.00	33.28	9.34		5.8	3.47	102.7
745	12/30/2011 04:00:49	10.18	50.88	33.19	9.29		5.0	3.51	102.1
746	12/30/2011 04:15:49	10.09	50.83	33.15	9.24		4.9	3.52	101.4
747	12/30/2011 04:30:49	10.12	50.92	33.21	9.24		4.7	3.50	101.4
748	12/30/2011 04:45:49	10.18	50.99	33.27	9.27		5.4	3.48	102.0
749	12/30/2011 05:00:49	10.15	50.90	33.20	9.26		4.8	3.44	101.8
750	12/30/2011 05:15:49	10.05	50.58	32.96	9.24		4.6	3.39	101.1
751	12/30/2011 05:30:49	10.01	50.45	32.86	9.22		4.5	3.33	100.8
752	12/30/2011 05:45:49	10.04	50.55	32.95	9.21		5.4	3.27	100.8
753	12/30/2011 06:00:49	10.09	50.78	33.11	9.25		5.7	3.18	101.5
754	12/30/2011 06:15:49	10.08	50.46	32.88	9.23		5.5	3.10	101.0
755	12/30/2011 06:30:49	10.01	50.41	32.84	9.18		5.9	3.03	100.3
756	12/30/2011 06:45:49	10.00	50.36	32.80	9.17		5.9	2.94	100.2
757	12/30/2011 07:00:49	10.01	50.29	32.75	9.18		7.8	2.84	100.3
758	12/30/2011 07:15:49	10.00	50.27	32.74	9.15		8.1	2.80	99.9
759	12/30/2011 07:30:49	9.98	50.19	32.67	9.13		6.5	2.72	99.6
760	12/30/2011 07:45:49	9.98	50.20	32.69	9.10		6.1	2.64	99.3
761	12/30/2011 08:00:49	10.03	50.14	32.64	9.11		5.9	2.58	99.5
762	12/30/2011 08:15:49	9.96	50.17	32.66	9.17		5.2	2.52	100.0
763	12/30/2011 08:30:49	9.99	50.13	32.63	9.14		5.6	2.45	99.8
764	12/30/2011 08:45:49	9.95	50.05	32.58	9.14		5.6	2.36	99.6
765	12/30/2011 09:00:49	9.96	50.03	32.56	9.13		5.7	2.36	99.5
766	12/30/2011 09:15:49	9.96	49.97	32.52	9.09		5.4	2.30	99.1
767	12/30/2011 09:30:49	9.93	49.93	32.48	9.08		5.3	2.25	98.8
768	12/30/2011 09:45:49	10.09	50.02	32.56	9.05		5.1	2.21	98.9
769	12/30/2011 10:00:49	9.98	49.58	32.23	8.99		5.1	2.24	97.9
770	12/30/2011 10:15:49	10.01	49.64	32.28	9.02		5.7	2.17	98.3
771	12/30/2011 10:30:49	10.02	49.77	32.37	9.05		5.7	2.19	98.7
772	12/30/2011 10:45:49	10.00	49.70	32.32	9.08		5.6	2.22	98.9
773	12/30/2011 11:00:49	9.97	49.69	32.31	9.08		5.3	2.26	98.8
774	12/30/2011 11:15:49	9.96	49.66	32.29	9.09		4.7	2.30	98.9
775	12/30/2011 11:30:49	10.06	49.47	32.16	9.08		5.4	2.34	98.9
776	12/30/2011 11:45:49	10.04	49.65	32.29	9.07		5.6	2.38	98.9
777	12/30/2011 12:00:49	10.03	49.68	32.31	9.10		5.6	2.46	99.1
778	12/30/2011 12:15:49	10.03	49.72	32.34	9.09		5.4	2.52	99.1
779	12/30/2011 12:30:49	10.04	49.80	32.40	9.10		5.1	2.57	99.2
780	12/30/2011 12:45:49	10.05	49.89	32.47	9.09		5.1	2.62	99.2
781	12/30/2011 13:00:49	10.06	49.79	32.39	9.11		5.0	2.68	99.4
782	12/30/2011 13:15:49	10.09	49.95	32.51	9.14		5.0	2.72	99.9
783	12/30/2011 13:30:49	10.13	49.90	32.48	9.16		5.0	2.78	100.2
784	12/30/2011 13:45:49	10.13	50.06	32.59	9.18		4.8	2.81	100.4
785	12/30/2011 14:00:49	10.12	50.11	32.63	9.18		4.8	2.88	100.5
786	12/30/2011 14:15:49	10.13	50.20	32.70	9.19		4.6	2.93	100.6
787	12/30/2011 14:30:49	10.15	50.20	32.70	9.18		4.7	2.94	100.6
788	12/30/2011 14:45:49	10.18	50.19	32.69	9.17		4.6	2.98	100.5
789	12/30/2011 15:00:49	10.19	50.26	32.74	9.19		4.7	3.03	100.8
790	12/30/2011 15:15:49	10.19	50.33	32.79	9.18		4.2	3.05	100.7
791	12/30/2011 15:30:49	10.23	50.14	32.66	9.24		4.0	3.06	101.4
792	12/30/2011 15:45:49	10.20	50.20	32.70	9.15		3.9	3.07	100.4
793	12/30/2011 16:00:49	10.18	50.34	32.80	9.10		4.3	3.06	99.8
794	12/30/2011 16:15:49	10.18	50.34	32.80	9.11		4.2	3.03	99.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	12/30/2011 16:30:49	10.19	50.27	32.75	9.09		4.1	3.03	99.7
796	12/30/2011 16:45:49	10.19	50.29	32.77	9.11		5.6	2.98	99.9
797	12/30/2011 17:00:49	10.24	50.22	32.71	9.33		4.9	2.92	102.4
798	12/30/2011 17:15:49	10.22	50.20	32.70	9.25		4.9	2.89	101.5
799	12/30/2011 17:30:49	10.08	50.14	32.65	9.32		5.0	2.79	101.9
800	12/30/2011 17:45:49	9.99	50.06	32.58	9.32		5.1	2.73	101.6
801	12/30/2011 18:00:49	10.01	50.10	32.62	9.24		5.3	2.65	100.9
802	12/30/2011 18:15:49	10.01	49.95	32.51	9.24		5.6	2.58	100.8
803	12/30/2011 18:30:49	10.01	49.86	32.44	9.20		5.6	2.50	100.3
804	12/30/2011 18:45:49	9.87	49.90	32.46	9.13		5.4	2.41	99.3
805	12/30/2011 19:00:49	9.89	49.72	32.33	9.16		5.5	2.32	99.6
806	12/30/2011 19:15:49	9.97	49.81	32.40	9.15		5.7	2.25	99.7
807	12/30/2011 19:30:49	9.83	49.88	32.44	9.10		5.2	2.15	98.8
808	12/30/2011 19:45:49	9.92	49.78	32.38	9.17		5.7	2.05	99.8
809	12/30/2011 20:00:49	10.03	49.54	32.21	9.36		5.9	1.99	101.9
810	12/30/2011 20:15:49	10.03	49.34	32.07	9.46		5.1	1.92	102.9
811	12/30/2011 20:30:49	10.09	49.29	32.03	9.55		5.0	1.85	104.0
812	12/30/2011 20:45:49	10.09	49.20	31.97	9.60		5.1	1.77	104.6
813	12/30/2011 21:00:49	10.09	49.24	32.00	9.57		5.1	1.76	104.3
814	12/30/2011 21:15:49	10.13	49.20	31.97	9.60		4.9	1.72	104.6
815	12/30/2011 21:30:49	10.09	49.21	31.98	9.57		4.8	1.73	104.2
816	12/30/2011 21:45:49	10.08	49.22	31.98	9.54		4.8	1.71	103.9
817	12/30/2011 22:00:49	10.08	49.21	31.98	9.52		4.7	1.73	103.6
818	12/30/2011 22:15:49	10.07	49.29	32.03	9.48		5.0	1.80	103.2
819	12/30/2011 22:30:49	10.06	49.24	32.00	9.49		5.0	1.83	103.3
820	12/30/2011 22:45:49	10.08	49.25	32.00	9.50		4.9	1.86	103.4
821	12/30/2011 23:00:49	10.11	49.21	31.97	9.47		4.8	1.95	103.2
822	12/30/2011 23:15:49	10.13	48.95	31.79	9.39		5.3	2.01	102.2
823	12/30/2011 23:30:49	10.13	49.06	31.87	9.36		5.1	2.08	102.0
824	12/30/2011 23:45:49	10.11	49.05	31.87	9.33		5.1	2.14	101.5
825	12/31/2011 00:00:49	10.12	48.98	31.81	9.29		5.4	2.21	101.1
826	12/31/2011 00:15:49	10.12	49.08	31.88	9.28		5.0	2.30	101.0
827	12/31/2011 00:30:49	10.12	49.43	32.14	9.22		5.0	2.36	100.6
828	12/31/2011 00:45:49	10.09	49.61	32.26	9.16		5.1	2.44	99.9
829	12/31/2011 01:00:49	10.06	49.63	32.28	9.12		5.1	2.52	99.4
830	12/31/2011 01:15:49	10.05	49.78	32.38	9.12		5.2	2.60	99.5
831	12/31/2011 01:30:49	10.06	49.78	32.39	9.15		5.2	2.66	99.8
832	12/31/2011 01:45:49	10.03	49.86	32.44	9.15		5.3	2.76	99.8
833	12/31/2011 02:00:49	10.00	49.69	32.32	9.15		5.3	2.82	99.7
834	12/31/2011 02:15:49	10.02	49.64	32.28	9.15		5.8	2.90	99.6
835	12/31/2011 02:30:49	10.04	49.98	32.53	9.15		6.4	2.97	99.9
836	12/31/2011 02:45:49	10.05	50.04	32.58	9.15		6.1	3.06	99.9
837	12/31/2011 03:00:49	10.04	50.19	32.68	9.13		6.7	3.13	99.8
838	12/31/2011 03:15:49	10.04	50.30	32.76	9.12		6.8	3.20	99.7
839	12/31/2011 03:30:49	10.06	50.29	32.75	9.14		6.9	3.29	99.9
840	12/31/2011 03:45:49	10.10	50.48	32.89	9.18		6.3	3.33	100.6
841	12/31/2011 04:00:49	10.14	50.52	32.93	9.22		5.8	3.39	101.1
842	12/31/2011 04:15:49	10.16	50.65	33.02	9.23		6.0	3.44	101.3
843	12/31/2011 04:30:49	10.18	50.67	33.04	9.23		5.1	3.46	101.4
844	12/31/2011 04:45:49	10.19	50.71	33.07	9.23		4.6	3.50	101.4
845	12/31/2011 05:00:49	10.08	50.57	32.96	9.11		4.5	3.49	99.8
846	12/31/2011 05:15:49	10.16	50.65	33.02	9.15		5.1	3.49	100.4
847	12/31/2011 05:30:49	10.15	50.63	33.01	9.15		4.4	3.47	100.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	12/31/2011 05:45:49	10.08	50.61	32.99	9.17		5.3	3.40	100.5
849	12/31/2011 06:00:49	9.63	49.95	32.48	8.95		5.0	3.36	96.8
850	12/31/2011 06:15:49	9.50	49.88	32.42	8.92		4.7	3.29	96.1
851	12/31/2011 06:30:49	9.61	49.89	32.44	9.00		4.8	3.21	97.3
852	12/31/2011 06:45:49	9.66	49.90	32.45	8.98		4.6	3.15	97.2
853	12/31/2011 07:00:49	9.70	49.95	32.49	8.96		4.8	3.07	97.1
854	12/31/2011 07:15:49	9.67	49.91	32.45	8.96		5.4	3.00	97.0
855	12/31/2011 07:30:49	9.62	49.65	32.26	8.95		4.2	2.92	96.6
856	12/31/2011 07:45:49	9.62	49.84	32.40	8.95		4.5	2.85	96.7
857	12/31/2011 08:00:49	9.52	49.60	32.22	8.91		4.2	2.76	96.0
858	12/31/2011 08:15:49	9.52	49.40	32.07	8.92		4.5	2.70	96.0
859	12/31/2011 08:30:49	9.58	49.62	32.24	8.95		4.5	2.61	96.5
860	12/31/2011 08:45:49	9.63	49.50	32.15	8.99		5.0	2.54	97.0
861	12/31/2011 09:00:49	9.58	49.73	32.31	9.01		4.4	2.48	97.3
862	12/31/2011 09:15:49	9.58	49.53	32.17	9.04		4.2	2.41	97.5
863	12/31/2011 09:30:49	9.54	49.13	31.88	9.09		4.5	2.34	97.7
864	12/31/2011 09:45:49	9.43	48.92	31.73	9.09		4.2	2.28	97.5
865	12/31/2011 10:00:49	9.38	48.84	31.66	9.10		4.2	2.24	97.3
866	12/31/2011 10:15:49	9.37	48.72	31.57	9.13		4.3	2.19	97.6
867	12/31/2011 10:30:49	9.39	48.59	31.48	9.15		4.2	2.15	97.8
868	12/31/2011 10:45:49	9.40	48.62	31.50	9.11		4.4	2.13	97.4
869	12/31/2011 11:00:49	9.42	48.61	31.50	9.11		4.0	2.11	97.4
870	12/31/2011 11:15:49	9.52	48.79	31.63	9.03		4.4	2.12	96.9
871	12/31/2011 11:30:49	9.52	48.97	31.76	9.02		4.3	2.12	96.9
872	12/31/2011 11:45:49	9.50	48.90	31.71	9.04		4.3	2.16	97.0
873	12/31/2011 12:00:49	9.50	48.88	31.70	9.04		4.2	2.19	97.0
874	12/31/2011 12:15:49	9.51	48.80	31.64	9.03		4.4	2.23	96.9
875	12/31/2011 12:30:49	9.52	48.80	31.64	9.00		4.5	2.29	96.6
876	12/31/2011 12:45:49	9.53	48.80	31.64	8.99		4.5	2.33	96.5
877	12/31/2011 13:00:49	9.54	48.77	31.62	8.98		4.5	2.38	96.4
878	12/31/2011 13:15:49	9.55	48.77	31.62	8.97		4.5	2.42	96.3
879	12/31/2011 13:30:49	9.56	49.00	31.79	8.96		4.5	2.47	96.3
880	12/31/2011 13:45:49	9.56	49.03	31.81	8.95		4.5	2.51	96.2
881	12/31/2011 14:00:49	9.59	49.11	31.87	8.93		4.5	2.55	96.1
882	12/31/2011 14:15:49	9.61	49.11	31.87	8.91		4.5	2.58	95.9
883	12/31/2011 14:30:49	9.65	49.50	32.15	8.90		4.3	2.63	96.1
884	12/31/2011 14:45:49	9.71	49.67	32.29	8.91		4.4	2.66	96.4
885	12/31/2011 15:00:49	9.76	49.57	32.21	8.95		4.2	2.70	96.9
886	12/31/2011 15:15:49	9.80	49.71	32.32	8.96		4.3	2.73	97.2
887	12/31/2011 15:30:49	9.82	49.68	32.30	8.98		4.0	2.77	97.4
888	12/31/2011 15:45:49	9.83	49.81	32.39	8.98		4.1	2.82	97.5
889	12/31/2011 16:00:49	9.84	49.66	32.28	8.98		4.0	2.84	97.5
890	12/31/2011 16:15:49	9.85	49.77	32.36	8.97		4.0	2.86	97.4
891	12/31/2011 16:30:49	9.84	49.83	32.40	8.96		4.1	2.90	97.4
892	12/31/2011 16:45:49	9.84	49.66	32.28	8.92		3.9	2.90	96.8
893	12/31/2011 17:00:49	9.84	49.80	32.38	8.92		4.0	2.89	96.9
894	12/31/2011 17:15:49	9.84	49.75	32.35	8.88		3.8	2.90	96.3
895	12/31/2011 17:30:49	9.83	49.82	32.40	8.91		3.9	2.88	96.8
896	12/31/2011 17:45:49	9.83	49.83	32.41	8.90		4.0	2.85	96.7
897	12/31/2011 18:00:49	9.83	49.58	32.22	8.88		4.3	2.82	96.3
898	12/31/2011 18:15:49	9.84	49.33	32.05	8.95		4.6	2.74	97.0
899	12/31/2011 18:30:49	9.87	49.19	31.95	9.13		4.9	2.70	98.9
900	12/31/2011 18:45:49	9.86	48.83	31.69	9.41		5.0	2.62	101.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	12/31/2011 19:00:49	9.80	48.76	31.63	9.27		5.2	2.55	100.1
902	12/31/2011 19:15:49	9.77	48.81	31.67	9.29		4.7	2.49	100.3
903	12/31/2011 19:30:49	9.76	48.73	31.61	9.24		4.7	2.41	99.6
904	12/31/2011 19:45:49	9.69	48.80	31.65	9.05		4.8	2.35	97.5
905	12/31/2011 20:00:49	9.65	48.78	31.64	8.98		4.7	2.29	96.7
906	12/31/2011 20:15:49	9.72	48.87	31.71	9.12		4.8	2.22	98.3
907	12/31/2011 20:30:49	9.65	48.66	31.55	9.15		4.7	2.17	98.4
908	12/31/2011 20:45:49	9.64	48.67	31.56	9.15		4.5	2.11	98.4
909	12/31/2011 21:00:49	9.67	48.43	31.38	9.33		4.3	2.07	100.3
910	12/31/2011 21:15:49	9.65	48.59	31.50	9.38		4.3	2.03	100.8
911	12/31/2011 21:30:49	9.65	48.37	31.34	9.40		4.3	2.01	100.9
912	12/31/2011 21:45:49	9.64	48.55	31.47	9.41		4.4	2.00	101.2
913	12/31/2011 22:00:49	9.63	48.54	31.46	9.36		4.1	1.97	100.5
914	12/31/2011 22:15:49	9.67	48.67	31.56	9.14		4.2	1.98	98.3
915	12/31/2011 22:30:49	9.66	48.64	31.54	9.09		4.1	1.98	97.8
916	12/31/2011 22:45:49	9.65	48.72	31.59	9.05		4.4	2.01	97.4
917	12/31/2011 23:00:49	9.65	48.54	31.46	9.05		4.6	2.03	97.3
918	12/31/2011 23:15:49	9.64	48.75	31.62	9.00		4.4	2.06	96.8
919	12/31/2011 23:30:49	9.64	48.58	31.49	8.97		4.4	2.10	96.5
920	12/31/2011 23:45:49	9.64	48.62	31.52	8.97		4.7	2.16	96.5
921	1/1/2012 00:00:49	9.65	48.66	31.55	8.97		4.4	2.21	96.5
922	1/1/2012 00:15:49	9.65	48.62	31.52	8.98		4.5	2.27	96.6
923	1/1/2012 00:30:49	9.67	48.71	31.58	8.98		4.6	2.33	96.6
924	1/1/2012 00:45:49	9.71	48.90	31.73	8.97		4.3	2.39	96.7
925	1/1/2012 01:00:49	9.74	48.85	31.70	8.95		4.2	2.44	96.5
926	1/1/2012 01:15:49	9.76	49.13	31.90	8.92		4.2	2.50	96.4
927	1/1/2012 01:30:49	9.78	49.35	32.05	8.89		4.7	2.57	96.2
928	1/1/2012 01:45:49	9.79	49.45	32.13	8.91		4.2	2.65	96.5
929	1/1/2012 02:00:49	9.79	49.47	32.15	8.92		5.1	2.71	96.6
930	1/1/2012 02:15:49	9.78	49.48	32.15	8.95		4.9	2.77	96.8
931	1/1/2012 02:30:49	9.76	49.52	32.18	8.98		4.8	2.87	97.2
932	1/1/2012 02:45:49	9.77	49.56	32.21	8.96		5.1	2.93	97.1
933	1/1/2012 03:00:49	9.79	49.60	32.24	8.94		4.9	3.00	96.8
934	1/1/2012 03:15:49	9.81	49.72	32.33	8.92		5.9	3.07	96.8
935	1/1/2012 03:30:49	9.88	49.93	32.48	8.95		5.6	3.15	97.3
936	1/1/2012 03:45:49	9.91	49.84	32.42	8.99		5.4	3.22	97.8
937	1/1/2012 04:00:49	9.92	50.07	32.59	9.00		5.8	3.28	98.0
938	1/1/2012 04:15:49	9.92	50.12	32.63	9.03		5.7	3.35	98.3
939	1/1/2012 04:30:49	9.95	50.21	32.69	9.03		5.0	3.40	98.5
940	1/1/2012 04:45:49	9.96	50.31	32.77	9.05		5.0	3.43	98.8
941	1/1/2012 05:00:49	9.98	50.37	32.80	9.08		4.7	3.48	99.2
942	1/1/2012 05:15:49	10.01	50.43	32.85	9.13		4.5	3.51	99.8
943	1/1/2012 05:30:49	10.01	50.40	32.83	9.09		4.2	3.51	99.3
944	1/1/2012 05:45:49	9.98	50.43	32.85	9.04		4.3	3.51	98.7
945	1/1/2012 06:00:49	10.00	50.42	32.85	9.05		4.7	3.49	98.8
946	1/1/2012 06:15:49	9.97	50.31	32.77	9.03		4.3	3.47	98.6
947	1/1/2012 06:30:49	9.83	50.16	32.65	8.93		5.1	3.40	97.1
948	1/1/2012 06:45:49	9.54	49.65	32.26	8.79		4.5	3.34	94.7
949	1/1/2012 07:00:49	9.54	49.54	32.17	8.81		4.6	3.29	94.9
950	1/1/2012 07:15:49	9.53	49.57	32.20	8.87		4.3	3.20	95.6
951	1/1/2012 07:30:49	9.58	49.68	32.28	8.84		4.2	3.14	95.4
952	1/1/2012 07:45:49	9.55	49.61	32.23	8.79		4.0	3.07	94.7
953	1/1/2012 08:00:49	9.48	49.48	32.13	8.74		4.0	2.99	94.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	1/1/2012 08:15:49	9.43	49.29	31.99	8.75		4.2	2.92	93.9
955	1/1/2012 08:30:49	9.41	49.23	31.94	8.74		4.0	2.85	93.7
956	1/1/2012 08:45:49	9.41	49.26	31.97	8.74		3.9	2.78	93.8
957	1/1/2012 09:00:49	9.41	49.34	32.02	8.75		3.8	2.70	93.9
958	1/1/2012 09:15:49	9.31	48.76	31.60	8.85		4.7	2.62	94.5
959	1/1/2012 09:30:49	9.35	49.10	31.85	8.90		4.3	2.55	95.3
960	1/1/2012 09:45:49	9.27	48.70	31.55	8.93		4.6	2.47	95.3
961	1/1/2012 10:00:49	9.19	48.36	31.31	8.98		4.3	2.41	95.5
962	1/1/2012 10:15:49	9.22	48.36	31.31	9.04		4.3	2.33	96.2
963	1/1/2012 10:30:49	9.22	48.26	31.23	9.10		4.3	2.26	96.7
964	1/1/2012 10:45:49	9.27	48.41	31.35	9.19		4.2	2.20	97.8
965	1/1/2012 11:00:49	9.27	48.12	31.14	9.20		4.2	2.15	97.9
966	1/1/2012 11:15:49	9.31	48.23	31.22	9.21		4.3	2.09	98.2
967	1/1/2012 11:30:49	9.31	48.34	31.30	9.09		4.0	2.04	96.9
968	1/1/2012 11:45:49	9.30	48.16	31.17	9.07		3.7	2.03	96.6
969	1/1/2012 12:00:49	9.33	48.22	31.21	9.09		4.1	2.01	96.9
970	1/1/2012 12:15:49	9.31	48.55	31.45	8.89		4.1	1.98	94.9
971	1/1/2012 12:30:49	9.31	48.53	31.43	8.90		3.8	2.01	94.9
972	1/1/2012 12:45:49	9.48	48.29	31.28	9.01		6.8	2.05	96.3
973	1/1/2012 13:00:49	9.39	48.27	31.25	8.98		4.1	2.05	95.8
974	1/1/2012 13:15:49	9.38	48.28	31.26	8.96		4.0	2.08	95.6
975	1/1/2012 13:30:49	9.39	48.18	31.19	8.95		4.0	2.14	95.5
976	1/1/2012 13:45:49	9.39	48.10	31.13	8.94		4.3	2.18	95.4
977	1/1/2012 14:00:49	9.34	47.91	30.99	8.92		4.5	2.22	95.0
978	1/1/2012 14:15:49	9.32	48.11	31.14	8.92		4.2	2.26	95.0
979	1/1/2012 14:30:49	9.32	48.10	31.12	8.91		4.2	2.32	94.9
980	1/1/2012 14:45:49	9.31	48.16	31.17	8.88		4.2	2.36	94.6
981	1/1/2012 15:00:49	9.32	48.22	31.21	8.83		4.3	2.40	94.1
982	1/1/2012 15:15:49	9.37	48.44	31.37	8.81		4.4	2.44	94.1
983	1/1/2012 15:30:49	9.42	48.61	31.50	8.78		4.0	2.48	93.9
984	1/1/2012 15:45:49	9.47	48.94	31.74	8.77		4.0	2.52	94.1
985	1/1/2012 16:00:49	9.52	48.91	31.72	8.77		4.1	2.55	94.1
986	1/1/2012 16:15:49	9.56	49.07	31.84	8.77		4.0	2.59	94.3
987	1/1/2012 16:30:49	9.60	49.21	31.95	8.77		4.3	2.62	94.5
988	1/1/2012 16:45:49	9.63	49.37	32.06	8.78		3.9	2.65	94.7
989	1/1/2012 17:00:49	9.64	49.27	31.99	8.77		3.9	2.68	94.6
990	1/1/2012 17:15:49	9.64	49.39	32.07	8.75		3.9	2.70	94.4
991	1/1/2012 17:30:49	9.65	49.23	31.96	8.78		3.9	2.74	94.7
992	1/1/2012 17:45:49	9.65	49.33	32.03	8.76		3.7	2.74	94.5
993	1/1/2012 18:00:49	9.65	49.35	32.05	8.72		3.7	2.74	94.0
994	1/1/2012 18:15:49	9.64	49.39	32.08	8.69		3.7	2.75	93.7
995	1/1/2012 18:30:49	9.65	49.42	32.10	8.71		3.7	2.75	94.0
996	1/1/2012 18:45:49	9.64	49.36	32.05	8.71		4.0	2.72	94.0
997	1/1/2012 19:00:49	9.65	49.39	32.08	8.70		3.9	2.69	93.9
998	1/1/2012 19:15:49	9.63	49.33	32.03	8.67		4.0	2.67	93.5
999	1/1/2012 19:30:49	9.60	49.17	31.91	8.67		3.9	2.62	93.3
1000	1/1/2012 19:45:49	9.63	49.06	31.84	8.73		4.1	2.58	94.0
1001	1/1/2012 20:00:49	9.61	48.95	31.76	8.74		4.1	2.54	94.1
1002	1/1/2012 20:15:49	9.59	48.63	31.52	8.91		4.4	2.48	95.7
1003	1/1/2012 20:30:49	9.54	48.28	31.27	9.01		4.3	2.43	96.5
1004	1/1/2012 20:45:49	9.48	48.28	31.26	8.94		4.2	2.39	95.6
1005	1/1/2012 21:00:49	9.42	48.22	31.22	8.90		4.1	2.35	95.1
1006	1/1/2012 21:15:49	9.37	48.21	31.21	8.92		4.1	2.30	95.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1007	1/1/2012 21:30:49	9.32	48.13	31.15	8.88		3.9	2.27	94.6
1008	1/1/2012 21:45:49	9.32	48.09	31.12	8.88		4.0	2.24	94.5
1009	1/1/2012 22:00:49	9.32	48.20	31.20	8.85		4.0	2.20	94.3
1010	1/1/2012 22:15:49	9.34	48.22	31.21	8.80		3.7	2.18	93.8
1011	1/1/2012 22:30:49	9.35	48.27	31.25	8.78		3.9	2.18	93.7
1012	1/1/2012 22:45:49	9.46	48.46	31.39	8.82		3.8	2.16	94.4
1013	1/1/2012 23:00:49	9.46	48.46	31.39	8.83		3.7	2.16	94.5
1014	1/1/2012 23:15:49	9.46	48.41	31.36	8.84		3.7	2.17	94.5
1015	1/1/2012 23:30:49	9.39	48.36	31.31	8.85		4.0	2.19	94.5
1016	1/1/2012 23:45:49	9.41	48.34	31.30	8.86		4.6	2.20	94.6
1017	1/2/2012 00:00:49	9.43	48.37	31.33	8.84		4.4	2.22	94.5
1018	1/2/2012 00:15:49	9.38	48.41	31.36	8.84		4.5	2.26	94.4
1019	1/2/2012 00:30:49	9.31	48.24	31.22	8.91		4.1	2.30	94.9
1020	1/2/2012 00:45:49	9.35	48.24	31.22	8.90		4.3	2.34	94.9
1021	1/2/2012 01:00:49	9.49	48.42	31.36	8.82		4.1	2.38	94.4
1022	1/2/2012 01:15:49	9.53	48.55	31.47	8.75		4.0	2.43	93.9
1023	1/2/2012 01:30:49	9.55	48.63	31.52	8.76		4.0	2.49	94.0
1024	1/2/2012 01:45:49	9.58	48.87	31.70	8.71		4.0	2.55	93.6
1025	1/2/2012 02:00:49	9.58	48.93	31.74	8.71		3.8	2.60	93.6
1026	1/2/2012 02:15:49	9.60	49.15	31.90	8.69		3.8	2.65	93.5
1027	1/2/2012 02:30:49	9.61	49.14	31.89	8.70		3.8	2.73	93.7
1028	1/2/2012 02:45:49	9.64	49.35	32.05	8.71		4.0	2.79	94.0
1029	1/2/2012 03:00:49	9.63	49.42	32.10	8.72		4.3	2.86	94.1
1030	1/2/2012 03:15:49	9.62	49.28	32.00	8.74		4.2	2.93	94.3
1031	1/2/2012 03:30:49	9.68	49.59	32.22	8.75		4.2	3.00	94.6
1032	1/2/2012 03:45:49	9.71	49.61	32.24	8.76		4.5	3.08	94.7
1033	1/2/2012 04:00:49	9.78	49.76	32.35	8.80		4.7	3.14	95.4
1034	1/2/2012 04:15:49	9.83	49.78	32.37	8.82		4.7	3.22	95.7
1035	1/2/2012 04:30:49	9.87	49.82	32.40	8.87		4.8	3.28	96.3
1036	1/2/2012 04:45:49	9.89	49.97	32.51	8.87		4.6	3.33	96.5
1037	1/2/2012 05:00:49	9.90	50.09	32.60	8.88		4.4	3.40	96.7
1038	1/2/2012 05:15:49	9.89	50.16	32.65	8.89		4.2	3.43	96.7
1039	1/2/2012 05:30:49	9.88	50.17	32.66	8.88		3.8	3.48	96.7
1040	1/2/2012 05:45:49	9.88	50.13	32.63	8.87		4.0	3.51	96.5
1041	1/2/2012 06:00:49	9.87	50.20	32.68	8.85		3.9	3.53	96.4
1042	1/2/2012 06:15:49	9.87	50.13	32.63	8.82		4.4	3.52	96.0
1043	1/2/2012 06:30:49	9.87	50.17	32.65	8.80		3.9	3.51	95.8
1044	1/2/2012 06:45:49	9.88	50.21	32.68	8.83		4.0	3.51	96.1
1045	1/2/2012 07:00:49	9.83	50.02	32.54	8.81		3.7	3.47	95.7
1046	1/2/2012 07:15:49	9.64	49.62	32.24	8.83		3.9	3.43	95.4
1047	1/2/2012 07:30:49	9.66	49.68	32.28	8.84		3.9	3.39	95.5
1048	1/2/2012 07:45:49	9.68	49.71	32.31	8.82		3.7	3.33	95.4
1049	1/2/2012 08:00:49	9.63	49.63	32.25	8.78		3.9	3.27	94.8
1050	1/2/2012 08:15:49	9.61	49.53	32.18	8.74		3.8	3.20	94.3
1051	1/2/2012 08:30:49	9.62	49.52	32.17	8.72		3.9	3.13	94.1
1052	1/2/2012 08:45:49	9.56	49.29	32.00	8.71		3.9	3.07	93.7
1053	1/2/2012 09:00:49	9.56	49.22	31.95	8.70		4.2	2.99	93.6
1054	1/2/2012 09:15:49	9.56	49.20	31.93	8.70		4.2	2.92	93.6
1055	1/2/2012 09:30:49	9.48	48.96	31.76	8.69		4.2	2.83	93.2
1056	1/2/2012 09:45:49	9.41	48.71	31.57	8.67		4.4	2.75	92.8
1057	1/2/2012 10:00:49	9.45	48.84	31.66	8.70		4.2	2.70	93.2
1058	1/2/2012 10:15:49	9.52	48.89	31.70	8.75		4.5	2.61	93.9
1059	1/2/2012 10:30:49	9.49	48.70	31.57	8.85		4.5	2.52	94.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	1/2/2012 10:45:49	9.55	48.66	31.54	8.92		4.2	2.45	95.7
1061	1/2/2012 11:00:49	9.52	48.43	31.38	9.00		4.0	2.37	96.4
1062	1/2/2012 11:15:49	9.66	48.61	31.52	9.09		4.1	2.28	97.8
1063	1/2/2012 11:30:49	9.68	48.51	31.45	9.20		4.0	2.20	99.0
1064	1/2/2012 11:45:49	9.69	48.53	31.46	9.24		4.1	2.14	99.4
1065	1/2/2012 12:00:49	9.67	48.38	31.35	9.31		4.1	2.07	100.0
1066	1/2/2012 12:15:49	9.70	48.33	31.32	9.35		4.0	2.01	100.6
1067	1/2/2012 12:30:49	9.64	48.19	31.21	9.32		3.8	1.98	100.1
1068	1/2/2012 12:45:49	9.65	48.16	31.19	9.32		3.7	1.94	100.0
1069	1/2/2012 13:00:49	9.68	48.16	31.19	9.29		3.7	1.92	99.7
1070	1/2/2012 13:15:49	9.64	48.26	31.27	9.18		4.1	1.92	98.6
1071	1/2/2012 13:30:49	9.62	48.33	31.31	9.11		3.9	1.93	97.8
1072	1/2/2012 13:45:49	9.66	48.35	31.33	9.12		3.9	1.94	98.0
1073	1/2/2012 14:00:49	9.60	48.31	31.30	9.05		3.8	1.97	97.1
1074	1/2/2012 14:15:49	9.64	48.35	31.33	8.99		4.1	2.01	96.6
1075	1/2/2012 14:30:49	9.63	48.01	31.08	8.99		4.5	2.04	96.4
1076	1/2/2012 14:45:49	9.61	48.12	31.16	8.97		4.4	2.10	96.1
1077	1/2/2012 15:00:49	9.56	47.96	31.04	8.93		4.4	2.14	95.6
1078	1/2/2012 15:15:49	9.55	47.93	31.02	8.92		4.5	2.19	95.4
1079	1/2/2012 15:30:49	9.55	48.09	31.13	8.90		4.1	2.24	95.2
1080	1/2/2012 15:45:49	9.55	48.05	31.11	8.89		4.1	2.28	95.2
1081	1/2/2012 16:00:49	9.54	48.06	31.11	8.87		4.0	2.33	94.9
1082	1/2/2012 16:15:49	9.52	48.28	31.27	8.82		4.2	2.38	94.4
1083	1/2/2012 16:30:49	9.53	48.32	31.30	8.74		4.2	2.43	93.5
1084	1/2/2012 16:45:49	9.54	48.59	31.49	8.69		4.6	2.46	93.2
1085	1/2/2012 17:00:49	9.57	48.70	31.57	8.67		4.0	2.50	93.1
1086	1/2/2012 17:15:49	9.61	48.89	31.71	8.66		4.3	2.54	93.1
1087	1/2/2012 17:30:49	9.64	48.98	31.78	8.68		4.0	2.58	93.5
1088	1/2/2012 17:45:49	9.66	49.01	31.80	8.69		4.0	2.62	93.6
1089	1/2/2012 18:00:49	9.65	49.05	31.83	8.70		4.1	2.65	93.7
1090	1/2/2012 18:15:49	9.63	49.12	31.88	8.70		4.0	2.69	93.8
1091	1/2/2012 18:30:49	9.63	48.97	31.77	8.70		4.0	2.72	93.7
1092	1/2/2012 18:45:49	9.63	49.05	31.83	8.70		4.0	2.75	93.7
1093	1/2/2012 19:00:49	9.63	49.16	31.91	8.69		3.9	2.77	93.7
1094	1/2/2012 19:15:49	9.64	49.03	31.81	8.67		3.7	2.77	93.4
1095	1/2/2012 19:30:49	9.63	49.13	31.89	8.62		3.6	2.80	92.9
1096	1/2/2012 19:45:49	9.63	49.12	31.88	8.60		3.5	2.82	92.6
1097	1/2/2012 20:00:49	9.64	48.99	31.79	8.59		3.6	2.80	92.5
1098	1/2/2012 20:15:49	9.64	49.13	31.89	8.61		3.8	2.78	92.8
1099	1/2/2012 20:30:49	9.64	49.13	31.89	8.62		3.9	2.78	92.9
1100	1/2/2012 20:45:49	9.63	49.10	31.87	8.58		3.7	2.74	92.4
1101	1/2/2012 21:00:49	9.59	48.91	31.73	8.61		3.9	2.68	92.6
1102	1/2/2012 21:15:49	9.59	48.74	31.60	8.63		3.9	2.64	92.7
1103	1/2/2012 21:30:49	9.62	48.74	31.60	8.63		4.0	2.63	92.8
1104	1/2/2012 21:45:49	9.65	48.40	31.37	8.68		4.1	2.59	93.2
1105	1/2/2012 22:00:49	9.63	48.28	31.27	8.70		4.2	2.52	93.4
1106	1/2/2012 22:15:49	9.62	48.23	31.24	8.69		4.3	2.49	93.2
1107	1/2/2012 22:30:49	9.55	48.21	31.22	8.69		3.9	2.47	93.1
1108	1/2/2012 22:45:49	9.58	48.20	31.21	8.71		4.1	2.42	93.4
1109	1/2/2012 23:00:49	9.58	48.10	31.14	8.66		4.2	2.40	92.8
1110	1/2/2012 23:15:49	9.54	48.10	31.14	8.67		4.1	2.36	92.7
1111	1/2/2012 23:30:49	9.58	48.30	31.29	8.62		3.8	2.37	92.5
1112	1/2/2012 23:45:49	9.62	48.34	31.32	8.59		4.2	2.35	92.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1113	1/3/2012 00:00:49	9.62	48.56	31.48	8.62		3.9	2.36	92.6
1114	1/3/2012 00:15:49	9.45	48.05	31.10	8.65		4.0	2.36	92.3
1115	1/3/2012 00:30:49	9.45	48.06	31.11	8.70		4.1	2.39	92.9
1116	1/3/2012 00:45:49	9.55	48.29	31.28	8.61		4.3	2.43	92.2
1117	1/3/2012 01:00:49	9.60	48.48	31.42	8.61		4.1	2.42	92.4
1118	1/3/2012 01:15:49	9.57	48.55	31.46	8.60		4.2	2.44	92.3
1119	1/3/2012 01:30:49	9.57	48.52	31.44	8.61		3.9	2.48	92.3
1120	1/3/2012 01:45:49	9.44	48.25	31.24	8.66		3.9	2.52	92.6
1121	1/3/2012 02:00:49	9.47	48.27	31.26	8.66		3.7	2.56	92.6
1122	1/3/2012 02:15:49	9.58	48.65	31.54	8.60		3.8	2.61	92.4
1123	1/3/2012 02:30:49	9.60	48.85	31.68	8.58		3.7	2.66	92.3
1124	1/3/2012 02:45:49	9.58	48.90	31.72	8.56		4.1	2.71	92.0
1125	1/3/2012 03:00:49	9.58	48.92	31.73	8.56		3.9	2.74	92.0
1126	1/3/2012 03:15:49	9.60	48.93	31.74	8.57		3.7	2.81	92.2
1127	1/3/2012 03:30:49	9.64	49.12	31.88	8.58		4.0	2.86	92.4
1128	1/3/2012 03:45:49	9.64	49.27	31.99	8.59		3.9	2.93	92.6
1129	1/3/2012 04:00:49	9.68	49.33	32.04	8.59		4.0	2.99	92.8
1130	1/3/2012 04:15:49	9.69	49.43	32.11	8.60		4.1	3.07	92.9
1131	1/3/2012 04:30:49	9.68	49.37	32.07	8.61		4.2	3.10	92.9
1132	1/3/2012 04:45:49	9.73	49.56	32.20	8.61		3.9	3.20	93.2
1133	1/3/2012 05:00:49	9.75	49.58	32.22	8.63		4.2	3.24	93.4
1134	1/3/2012 05:15:49	9.81	49.72	32.32	8.66		4.0	3.32	94.0
1135	1/3/2012 05:30:49	9.86	49.78	32.37	8.69		4.5	3.39	94.4
1136	1/3/2012 05:45:49	9.89	49.93	32.48	8.71		4.2	3.43	94.8
1137	1/3/2012 06:00:49	9.88	49.92	32.48	8.71		4.2	3.48	94.7
1138	1/3/2012 06:15:49	9.87	50.00	32.53	8.72		3.9	3.50	94.8
1139	1/3/2012 06:30:49	9.86	49.80	32.38	8.70		3.9	3.55	94.5
1140	1/3/2012 06:45:49	9.87	50.02	32.55	8.70		3.9	3.56	94.6
1141	1/3/2012 07:00:49	9.85	49.97	32.51	8.66		3.4	3.58	94.1
1142	1/3/2012 07:15:49	9.86	49.99	32.52	8.62		3.6	3.58	93.8
1143	1/3/2012 07:30:49	9.86	50.07	32.58	8.65		3.7	3.56	94.1
1144	1/3/2012 07:45:49	9.85	50.04	32.56	8.66		4.9	3.53	94.1
1145	1/3/2012 08:00:49	9.81	49.89	32.45	8.63		4.0	3.50	93.7
1146	1/3/2012 08:15:49	9.50	49.51	32.15	8.46		4.2	3.43	91.1
1147	1/3/2012 08:30:49	9.49	49.27	31.98	8.42		3.8	3.38	90.5
1148	1/3/2012 08:45:49	9.51	49.38	32.06	8.47		3.8	3.32	91.2
1149	1/3/2012 09:00:49	9.54	49.38	32.07	8.50		3.5	3.27	91.5
1150	1/3/2012 09:15:49	9.55	49.36	32.05	8.50		4.2	3.18	91.5
1151	1/3/2012 09:30:49	9.55	49.36	32.05	8.51		4.1	3.11	91.6
1152	1/3/2012 09:45:49	9.52	49.29	32.00	8.48		4.5	3.03	91.2
1153	1/3/2012 10:00:49	9.49	49.14	31.89	8.49		4.0	2.95	91.2
1154	1/3/2012 10:15:49	9.51	49.10	31.86	8.54		3.7	2.85	91.8
1155	1/3/2012 10:30:49	9.54	49.03	31.81	8.59		4.0	2.76	92.4
1156	1/3/2012 10:45:49	9.61	49.08	31.85	8.69		3.7	2.68	93.6
1157	1/3/2012 11:00:49	9.48	48.62	31.51	8.72		5.4	2.57	93.3
1158	1/3/2012 11:15:49	9.68	48.70	31.58	8.85		3.7	2.50	95.3
1159	1/3/2012 11:30:49	9.57	48.53	31.45	8.85		3.9	2.42	94.9
1160	1/3/2012 11:45:49	9.84	48.64	31.55	9.06		3.9	2.32	97.9
1161	1/3/2012 12:00:49	9.86	48.49	31.44	9.15		3.7	2.22	98.7
1162	1/3/2012 12:15:49	9.92	48.38	31.37	9.24		3.6	2.16	99.8
1163	1/3/2012 12:30:49	10.09	48.44	31.42	9.49		3.6	2.04	103.0
1164	1/3/2012 12:45:49	9.89	48.21	31.24	9.37		3.6	1.99	101.1
1165	1/3/2012 13:00:49	10.11	48.16	31.22	9.58		3.7	1.91	103.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	1/3/2012 13:15:49	10.08	48.30	31.32	9.59		3.8	1.86	104.0
1167	1/3/2012 13:30:49	10.14	48.18	31.24	9.66		3.7	1.83	104.8
1168	1/3/2012 13:45:49	10.04	48.21	31.25	9.55		3.6	1.79	103.4
1169	1/3/2012 14:00:49	10.26	48.16	31.23	9.62		3.9	1.77	104.6
1170	1/3/2012 14:15:49	9.78	48.28	31.29	9.29		3.3	1.77	100.0
1171	1/3/2012 14:30:49	9.75	48.25	31.26	9.16		3.5	1.78	98.5
1172	1/3/2012 14:45:49	9.81	48.25	31.27	9.17		3.4	1.79	98.8
1173	1/3/2012 15:00:49	9.79	48.18	31.22	9.13		3.5	1.84	98.3
1174	1/3/2012 15:15:49	9.84	48.16	31.20	9.11		3.7	1.88	98.2
1175	1/3/2012 15:30:49	9.84	48.03	31.11	9.07		4.0	1.93	97.7
1176	1/3/2012 15:45:49	9.84	47.65	30.84	9.01		4.8	1.97	96.8
1177	1/3/2012 16:00:49	9.77	47.56	30.77	8.94		4.8	2.04	95.9
1178	1/3/2012 16:15:49	9.69	47.57	30.77	8.88		4.6	2.09	95.1
1179	1/3/2012 16:30:49	9.70	47.78	30.92	8.86		4.5	2.15	95.0
1180	1/3/2012 16:45:49	9.72	47.77	30.91	8.85		4.6	2.19	95.0
1181	1/3/2012 17:00:49	9.69	47.66	30.83	8.82		4.4	2.24	94.5
1182	1/3/2012 17:15:49	9.65	47.88	30.99	8.78		4.1	2.31	94.1
1183	1/3/2012 17:30:49	9.62	48.04	31.10	8.68		4.1	2.35	93.0
1184	1/3/2012 17:45:49	9.64	48.17	31.20	8.67		4.0	2.39	93.0
1185	1/3/2012 18:00:49	9.66	48.19	31.21	8.63		4.2	2.45	92.6
1186	1/3/2012 18:15:49	9.64	48.64	31.53	8.57		4.0	2.49	92.1
1187	1/3/2012 18:30:49	9.63	48.69	31.57	8.53		4.2	2.55	91.8
1188	1/3/2012 18:45:49	9.61	48.79	31.64	8.51		4.0	2.59	91.5
1189	1/3/2012 19:00:49	9.60	48.84	31.67	8.52		3.7	2.63	91.6
1190	1/3/2012 19:15:49	9.60	48.86	31.69	8.52		3.6	2.68	91.6
1191	1/3/2012 19:30:49	9.59	48.91	31.72	8.51		3.7	2.72	91.5
1192	1/3/2012 19:45:49	9.59	48.83	31.67	8.50		3.7	2.76	91.4
1193	1/3/2012 20:00:49	9.59	48.92	31.74	8.49		3.7	2.79	91.3
1194	1/3/2012 20:15:49	9.60	48.93	31.74	8.48		3.7	2.82	91.2
1195	1/3/2012 20:30:49	9.60	48.97	31.77	8.46		3.7	2.85	91.1
1196	1/3/2012 20:45:49	9.59	49.01	31.80	8.45		3.6	2.85	90.9
1197	1/3/2012 21:00:49	9.60	48.94	31.75	8.40		3.5	2.84	90.3
1198	1/3/2012 21:15:49	9.60	48.99	31.78	8.41		3.3	2.88	90.5
1199	1/3/2012 21:30:49	9.60	49.02	31.80	8.35		3.4	2.86	89.9
1200	1/3/2012 21:45:49	9.61	48.97	31.77	8.38		3.3	2.82	90.2
1201	1/3/2012 22:00:49	9.60	48.96	31.76	8.39		3.6	2.80	90.2
1202	1/3/2012 22:15:49	9.59	48.95	31.75	8.36		3.7	2.78	89.9
1203	1/3/2012 22:30:49	9.55	48.85	31.68	8.36		3.9	2.74	89.8
1204	1/3/2012 22:45:49	9.51	48.45	31.39	8.45		3.7	2.69	90.5
1205	1/3/2012 23:00:49	9.56	48.71	31.58	8.45		3.9	2.67	90.7
1206	1/3/2012 23:15:49	9.55	48.69	31.56	8.45		3.5	2.62	90.6
1207	1/3/2012 23:30:49	9.55	48.64	31.53	8.44		3.9	2.59	90.5
1208	1/3/2012 23:45:49	9.55	48.60	31.50	8.46		3.4	2.55	90.8
1209	1/4/2012 00:00:49	9.50	48.45	31.39	8.46		4.0	2.52	90.6
1210	1/4/2012 00:15:49	9.41	48.33	31.30	8.46		4.1	2.50	90.3
1211	1/4/2012 00:30:49	9.36	48.21	31.20	8.46		4.0	2.48	90.2
1212	1/4/2012 00:45:49	9.34	48.24	31.23	8.40		3.8	2.46	89.5
1213	1/4/2012 01:00:49	9.42	48.32	31.29	8.36		3.9	2.44	89.3
1214	1/4/2012 01:15:49	9.43	48.30	31.27	8.39		4.4	2.45	89.7
1215	1/4/2012 01:30:49	9.31	48.29	31.26	8.42		3.8	2.46	89.8
1216	1/4/2012 01:45:49	9.34	48.16	31.17	8.52		3.8	2.47	90.8
1217	1/4/2012 02:00:49	9.44	48.41	31.35	8.41		4.0	2.50	90.0
1218	1/4/2012 02:15:49	9.53	48.53	31.45	8.47		3.7	2.53	90.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1219	1/4/2012 02:30:49	9.53	48.59	31.49	8.44		3.9	2.57	90.5
1220	1/4/2012 02:45:49	9.41	48.54	31.45	8.46		4.4	2.61	90.5
1221	1/4/2012 03:00:49	9.45	48.50	31.42	8.47		3.8	2.67	90.6
1222	1/4/2012 03:15:49	9.51	48.67	31.55	8.40		3.8	2.73	90.1
1223	1/4/2012 03:30:49	9.45	48.85	31.68	8.39		3.9	2.78	89.9
1224	1/4/2012 03:45:49	9.50	48.88	31.70	8.37		3.8	2.84	89.8
1225	1/4/2012 04:00:49	9.56	48.88	31.70	8.37		4.1	2.89	90.0
1226	1/4/2012 04:15:49	9.61	49.15	31.90	8.38		3.6	2.96	90.3
1227	1/4/2012 04:30:49	9.68	49.33	32.04	8.42		3.6	3.02	90.9
1228	1/4/2012 04:45:49	9.69	49.39	32.08	8.43		3.4	3.08	91.0
1229	1/4/2012 05:00:49	9.70	49.48	32.15	8.43		3.6	3.14	91.2
1230	1/4/2012 05:15:49	9.73	49.46	32.13	8.45		3.4	3.20	91.4
1231	1/4/2012 05:30:49	9.76	49.57	32.22	8.48		3.6	3.27	91.8
1232	1/4/2012 05:45:49	9.78	49.66	32.28	8.52		3.7	3.32	92.3
1233	1/4/2012 06:00:49	9.82	49.73	32.33	8.55		3.9	3.38	92.7
1234	1/4/2012 06:15:49	9.85	49.81	32.39	8.60		4.2	3.44	93.4
1235	1/4/2012 06:30:49	9.85	49.96	32.50	8.61		4.1	3.50	93.6
1236	1/4/2012 06:45:49	9.86	49.96	32.50	8.62		4.1	3.53	93.7
1237	1/4/2012 07:00:49	9.89	50.10	32.61	8.64		4.3	3.57	94.1
1238	1/4/2012 07:15:49	9.90	50.13	32.63	8.65		3.9	3.62	94.2
1239	1/4/2012 07:30:49	9.93	50.14	32.64	8.67		4.2	3.63	94.4
1240	1/4/2012 07:45:49	9.82	49.88	32.44	8.51		3.6	3.66	92.4
1241	1/4/2012 08:00:49	9.90	49.97	32.51	8.58		3.6	3.67	93.4
1242	1/4/2012 08:15:49	9.91	50.12	32.62	8.60		4.2	3.63	93.7
1243	1/4/2012 08:30:49	9.91	50.16	32.65	8.62		3.6	3.62	93.9
1244	1/4/2012 08:45:49	9.74	49.85	32.42	8.41		4.3	3.57	91.1
1245	1/4/2012 09:00:49	9.53	49.46	32.12	8.33		3.4	3.52	89.7
1246	1/4/2012 09:15:49	9.45	49.21	31.93	8.35		3.4	3.45	89.6
1247	1/4/2012 09:30:49	9.53	49.35	32.04	8.40		3.4	3.38	90.4
1248	1/4/2012 09:45:49	9.55	49.32	32.02	8.42		3.5	3.29	90.6
1249	1/4/2012 10:00:49	9.59	49.43	32.10	8.43		4.1	3.21	90.9
1250	1/4/2012 10:15:49	9.59	49.21	31.94	8.44		4.0	3.14	90.9
1251	1/4/2012 10:30:49	9.60	49.36	32.05	8.44		3.8	3.05	91.0
1252	1/4/2012 10:45:49	9.58	49.21	31.94	8.50		3.9	2.96	91.5
1253	1/4/2012 11:00:49	9.61	49.25	31.97	8.57		4.0	2.86	92.4
1254	1/4/2012 11:15:49	9.68	49.07	31.85	8.65		3.9	2.76	93.2
1255	1/4/2012 11:30:49	9.71	49.21	31.95	8.71		4.0	2.68	94.0
1256	1/4/2012 11:45:49	9.70	49.07	31.85	8.73		4.0	2.56	94.2
1257	1/4/2012 12:00:49	9.66	48.79	31.64	8.84		3.9	2.46	95.1
1258	1/4/2012 12:15:49	9.74	48.68	31.57	8.95		4.4	2.35	96.4
1259	1/4/2012 12:30:49	9.81	48.55	31.48	9.10		4.1	2.24	98.1
1260	1/4/2012 12:45:49	9.79	48.54	31.47	9.19		4.1	2.14	99.1
1261	1/4/2012 13:00:49	9.95	48.56	31.50	9.31		3.7	2.03	100.7
1262	1/4/2012 13:15:49	10.03	48.60	31.53	9.31		3.8	1.94	100.9
1263	1/4/2012 13:30:49	9.89	48.45	31.42	9.24		3.9	1.85	99.8
1264	1/4/2012 13:45:49	10.01	48.48	31.45	9.38		3.9	1.77	101.6
1265	1/4/2012 14:00:49	10.18	48.42	31.41	9.48		4.2	1.69	103.1
1266	1/4/2012 14:15:49	10.03	48.34	31.35	9.42		3.9	1.64	102.1
1267	1/4/2012 14:30:49	9.98	48.31	31.32	9.45		4.0	1.63	102.2
1268	1/4/2012 14:45:49	10.16	48.36	31.36	9.47		4.0	1.59	102.8
1269	1/4/2012 15:00:49	9.99	48.29	31.31	9.40		3.7	1.60	101.7
1270	1/4/2012 15:15:49	9.85	48.26	31.28	9.32		3.9	1.62	100.5
1271	1/4/2012 15:30:49	9.82	48.26	31.27	9.26		4.2	1.64	99.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1272	1/4/2012 15:45:49	9.75	48.21	31.24	9.18		4.5	1.68	98.8
1273	1/4/2012 16:00:49	9.74	47.97	31.06	9.14		5.0	1.72	98.1
1274	1/4/2012 16:15:49	9.72	47.86	30.98	9.09		4.7	1.77	97.5
1275	1/4/2012 16:30:49	9.71	47.60	30.79	9.05		5.0	1.84	97.1
1276	1/4/2012 16:45:49	9.64	47.44	30.67	8.97		5.0	1.89	96.0
1277	1/4/2012 17:00:49	9.63	47.39	30.64	8.94		5.3	1.94	95.6
1278	1/4/2012 17:15:49	9.66	47.66	30.83	8.91		5.0	1.99	95.4
1279	1/4/2012 17:30:49	9.67	47.60	30.79	8.90		4.8	2.07	95.3
1280	1/4/2012 17:45:49	9.66	47.90	31.01	8.88		4.5	2.12	95.2
1281	1/4/2012 18:00:49	9.65	48.05	31.11	8.83		4.4	2.19	94.7
1282	1/4/2012 18:15:49	9.61	48.28	31.27	8.69		4.0	2.26	93.2
1283	1/4/2012 18:30:49	9.62	48.27	31.27	8.65		4.2	2.31	92.8
1284	1/4/2012 18:45:49	9.61	48.52	31.45	8.53		4.2	2.38	91.6
1285	1/4/2012 19:00:49	9.60	48.59	31.50	8.48		3.9	2.44	91.1
1286	1/4/2012 19:15:49	9.58	48.67	31.55	8.45		3.9	2.51	90.7
1287	1/4/2012 19:30:49	9.57	48.76	31.62	8.43		4.0	2.55	90.6
1288	1/4/2012 19:45:49	9.58	48.79	31.64	8.43		3.8	2.62	90.6
1289	1/4/2012 20:00:49	9.58	48.73	31.60	8.43		3.6	2.67	90.6
1290	1/4/2012 20:15:49	9.59	48.79	31.64	8.42		3.6	2.72	90.5
1291	1/4/2012 20:30:49	9.60	48.85	31.69	8.40		3.7	2.77	90.4
1292	1/4/2012 20:45:49	9.63	48.88	31.71	8.39		3.8	2.81	90.3
1293	1/4/2012 21:00:49	9.64	48.92	31.74	8.37		3.7	2.85	90.1
1294	1/4/2012 21:15:49	9.66	48.76	31.63	8.37		3.7	2.89	90.1
1295	1/4/2012 21:30:49	9.66	49.00	31.80	8.35		3.7	2.91	90.0
1296	1/4/2012 21:45:49	9.67	49.04	31.83	8.33		3.6	2.93	89.8
1297	1/4/2012 22:00:49	9.65	48.89	31.72	8.32		3.6	2.93	89.6
1298	1/4/2012 22:15:49	9.66	48.93	31.75	8.29		3.6	2.94	89.3
1299	1/4/2012 22:30:49	9.67	49.01	31.81	8.29		3.4	2.93	89.3
1300	1/4/2012 22:45:49	9.68	49.06	31.84	8.29		3.6	2.90	89.4
1301	1/4/2012 23:00:49	9.66	48.95	31.76	8.27		3.6	2.87	89.1
1302	1/4/2012 23:15:49	9.67	48.85	31.69	8.23		3.6	2.85	88.7
1303	1/4/2012 23:30:49	9.66	48.88	31.71	8.26		3.6	2.80	88.9
1304	1/4/2012 23:45:49	9.67	48.82	31.67	8.24		3.6	2.75	88.7
1305	1/5/2012 00:00:49	9.69	48.64	31.54	8.24		3.9	2.70	88.7
1306	1/5/2012 00:15:49	9.67	48.75	31.62	8.27		3.7	2.66	89.0
1307	1/5/2012 00:30:49	9.67	48.69	31.57	8.24		3.7	2.63	88.6
1308	1/5/2012 00:45:49	9.67	48.63	31.53	8.25		3.9	2.58	88.7
1309	1/5/2012 01:00:49	9.70	48.48	31.43	8.24		3.8	2.55	88.6
1310	1/5/2012 01:15:49	9.71	48.51	31.45	8.26		3.7	2.52	88.9
1311	1/5/2012 01:30:49	9.68	48.42	31.38	8.30		3.6	2.49	89.2
1312	1/5/2012 01:45:49	9.67	48.36	31.34	8.31		3.6	2.48	89.3
1313	1/5/2012 02:00:49	9.76	48.32	31.31	8.12		3.8	2.46	87.5
1314	1/5/2012 02:15:49	9.76	48.40	31.37	8.15		3.9	2.46	87.8
1315	1/5/2012 02:30:49	9.69	48.54	31.47	8.23		3.9	2.49	88.5
1316	1/5/2012 02:45:49	9.73	48.50	31.44	8.19		3.9	2.51	88.2
1317	1/5/2012 03:00:49	9.69	48.52	31.45	8.27		3.9	2.53	88.9
1318	1/5/2012 03:15:49	9.68	48.52	31.45	8.26		4.0	2.59	88.8
1319	1/5/2012 03:30:49	9.68	48.48	31.42	8.27		4.0	2.62	89.0
1320	1/5/2012 03:45:49	9.68	48.47	31.42	8.27		3.8	2.67	89.0
1321	1/5/2012 04:00:49	9.69	48.52	31.45	8.26		3.9	2.71	88.9
1322	1/5/2012 04:15:49	9.69	48.67	31.56	8.26		3.9	2.76	89.0
1323	1/5/2012 04:30:49	9.69	48.73	31.60	8.27		3.6	2.81	89.1
1324	1/5/2012 04:45:49	9.71	48.94	31.76	8.25		3.8	2.87	89.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1325	1/5/2012 05:00:49	9.74	49.04	31.83	8.27		3.7	2.92	89.3
1326	1/5/2012 05:15:49	9.75	49.17	31.92	8.28		3.6	2.99	89.5
1327	1/5/2012 05:30:49	9.78	49.29	32.01	8.32		3.7	3.05	90.0
1328	1/5/2012 05:45:49	9.81	49.38	32.08	8.34		3.6	3.10	90.3
1329	1/5/2012 06:00:49	9.82	49.47	32.14	8.35		3.7	3.19	90.4
1330	1/5/2012 06:15:49	9.83	49.44	32.12	8.36		3.7	3.24	90.6
1331	1/5/2012 06:30:49	9.91	49.66	32.29	8.42		3.8	3.31	91.5
1332	1/5/2012 06:45:49	9.93	49.71	32.33	8.43		3.9	3.35	91.6
1333	1/5/2012 07:00:49	9.99	49.73	32.34	8.45		4.3	3.44	92.0
1334	1/5/2012 07:15:49	10.05	49.87	32.45	8.51		4.2	3.48	92.9
1335	1/5/2012 07:30:49	10.09	50.00	32.54	8.56		4.6	3.51	93.5
1336	1/5/2012 07:45:49	10.11	49.99	32.54	8.56		4.1	3.58	93.6
1337	1/5/2012 08:00:49	10.14	50.04	32.58	8.59		4.3	3.59	94.0
1338	1/5/2012 08:15:49	10.15	50.11	32.63	8.58		3.9	3.63	94.0
1339	1/5/2012 08:30:49	10.16	50.06	32.60	8.57		3.5	3.65	93.8
1340	1/5/2012 08:45:49	10.10	50.01	32.55	8.49		3.9	3.64	92.9
1341	1/5/2012 09:00:49	10.15	50.07	32.60	8.52		3.7	3.65	93.3
1342	1/5/2012 09:15:49	10.16	50.09	32.61	8.54		3.6	3.61	93.5
1343	1/5/2012 09:30:49	10.14	50.11	32.63	8.52		4.2	3.61	93.2
1344	1/5/2012 09:45:49	9.92	49.58	32.23	8.35		3.7	3.55	90.7
1345	1/5/2012 10:00:49	9.90	49.48	32.16	8.35		3.7	3.48	90.6
1346	1/5/2012 10:15:49	9.94	49.46	32.14	8.36		3.7	3.41	90.8
1347	1/5/2012 10:30:49	9.96	49.47	32.15	8.41		3.4	3.32	91.4
1348	1/5/2012 10:45:49	9.89	49.33	32.05	8.34		4.4	3.23	90.5
1349	1/5/2012 11:00:49	9.89	49.30	32.03	8.31		4.4	3.12	90.2
1350	1/5/2012 11:15:49	9.89	49.15	31.92	8.34		4.1	3.02	90.4
1351	1/5/2012 11:30:49	9.88	49.18	31.94	8.38		5.0	2.92	90.8
1352	1/5/2012 11:45:49	9.92	49.20	31.96	8.39		4.0	2.84	91.0
1353	1/5/2012 12:00:49	9.97	49.10	31.89	8.52		4.1	2.71	92.5
1354	1/5/2012 12:15:49	9.95	49.02	31.83	8.58		4.7	2.61	93.0
1355	1/5/2012 12:30:49	10.08	49.15	31.94	8.67		4.8	2.49	94.4
1356	1/5/2012 12:45:49	10.09	48.98	31.81	8.64		5.9	2.37	94.0
1357	1/5/2012 13:00:49	10.11	48.82	31.70	8.72		6.7	2.25	94.8
1358	1/5/2012 13:15:49	10.19	48.81	31.70	8.66		6.7	2.15	94.4
1359	1/5/2012 13:30:49	10.12	48.66	31.58	8.69		7.8	2.02	94.4
1360	1/5/2012 13:45:49	10.12	48.53	31.48	8.69		8.4	1.92	94.4
1361	1/5/2012 14:00:49	10.14	48.54	31.50	8.67		8.9	1.79	94.3
1362	1/5/2012 14:15:49	10.17	48.53	31.49	8.68		9.7	1.73	94.4
1363	1/5/2012 14:30:49	10.11	48.42	31.41	8.63		9.3	1.61	93.7
1364	1/5/2012 14:45:49	10.13	48.46	31.44	8.64		9.8	1.52	93.8
1365	1/5/2012 15:00:49	10.13	48.37	31.37	8.63		9.9	1.46	93.6
1366	1/5/2012 15:15:49	10.13	48.45	31.43	8.59		9.2	1.42	93.3
1367	1/5/2012 15:30:49	10.15	48.36	31.37	8.61		9.0	1.44	93.5
1368	1/5/2012 15:45:49	10.21	48.47	31.45	8.66		8.9	1.45	94.2
1369	1/5/2012 16:00:49	10.18	48.45	31.43	8.69		8.4	1.45	94.4
1370	1/5/2012 16:15:49	10.35	47.99	31.11	8.90		11.7	1.48	97.0
1371	1/5/2012 16:30:49	10.34	47.94	31.08	8.90		11.0	1.53	96.9
1372	1/5/2012 16:45:49	10.24	48.08	31.17	8.82		9.0	1.61	95.9
1373	1/5/2012 17:00:49	10.22	48.10	31.18	8.78		8.3	1.67	95.4
1374	1/5/2012 17:15:49	10.20	48.17	31.23	8.72		7.2	1.72	94.7
1375	1/5/2012 17:30:49	10.20	47.76	30.94	8.68		7.4	1.77	94.1
1376	1/5/2012 17:45:49	10.20	47.76	30.94	8.65		6.9	1.82	93.8
1377	1/5/2012 18:00:49	10.19	47.83	30.99	8.64		6.6	1.90	93.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1378	1/5/2012 18:15:49	10.18	47.80	30.97	8.60		6.5	1.95	93.2
1379	1/5/2012 18:30:49	10.17	47.79	30.96	8.60		6.2	2.00	93.2
1380	1/5/2012 18:45:49	10.17	47.90	31.04	8.59		5.9	2.07	93.1
1381	1/5/2012 19:00:49	10.15	47.76	30.93	8.54		6.4	2.18	92.5
1382	1/5/2012 19:15:49	10.12	47.88	31.02	8.48		6.7	2.23	91.9
1383	1/5/2012 19:30:49	10.06	47.73	30.91	8.44		6.7	2.29	91.3
1384	1/5/2012 19:45:49	9.98	48.45	31.42	8.32		4.9	2.38	90.1
1385	1/5/2012 20:00:49	9.94	48.53	31.48	8.30		5.3	2.45	89.9
1386	1/5/2012 20:15:49	9.93	48.45	31.42	8.31		5.0	2.52	89.8
1387	1/5/2012 20:30:49	9.91	48.64	31.55	8.31		5.1	2.61	89.9
1388	1/5/2012 20:45:49	9.91	48.55	31.49	8.32		5.1	2.68	89.9
1389	1/5/2012 21:00:49	9.90	48.83	31.69	8.30		5.3	2.73	89.8
1390	1/5/2012 21:15:49	9.90	48.87	31.72	8.29		5.1	2.77	89.8
1391	1/5/2012 21:30:49	9.91	49.00	31.81	8.27		4.8	2.83	89.6
1392	1/5/2012 21:45:49	9.91	48.96	31.78	8.26		4.5	2.88	89.5
1393	1/5/2012 22:00:49	9.94	49.04	31.84	8.25		4.7	2.91	89.5
1394	1/5/2012 22:15:49	9.95	49.07	31.87	8.27		4.4	2.95	89.7
1395	1/5/2012 22:30:49	9.96	49.08	31.87	8.27		4.3	2.98	89.7
1396	1/5/2012 22:45:49	9.93	48.97	31.79	8.21		4.2	3.00	88.9
1397	1/5/2012 23:00:49	9.93	48.91	31.75	8.17		4.1	3.00	88.5
1398	1/5/2012 23:15:49	9.94	49.01	31.82	8.19		4.0	3.00	88.9
1399	1/5/2012 23:30:49	9.96	48.98	31.80	8.22		4.4	2.97	89.1
1400	1/5/2012 23:45:49	9.92	48.91	31.75	8.19		5.8	2.92	88.7
1401	1/6/2012 00:00:49	9.79	48.36	31.34	8.12		4.7	2.91	87.5
1402	1/6/2012 00:15:49	9.80	48.51	31.46	8.10		4.5	2.82	87.4
1403	1/6/2012 00:30:49	9.80	48.51	31.45	8.08		5.4	2.80	87.1
1404	1/6/2012 00:45:49	9.83	48.68	31.58	8.14		5.4	2.74	87.9
1405	1/6/2012 01:00:49	9.81	48.71	31.60	8.09		4.9	2.68	87.4
1406	1/6/2012 01:15:49	9.79	48.64	31.55	8.08		4.9	2.65	87.1
1407	1/6/2012 01:30:49	9.79	48.57	31.49	8.07		4.8	2.61	87.1
1408	1/6/2012 01:45:49	9.81	48.51	31.45	8.11		5.1	2.58	87.4
1409	1/6/2012 02:00:49	9.80	48.50	31.45	8.10		4.9	2.55	87.3
1410	1/6/2012 02:15:49	9.80	48.43	31.39	8.06		4.6	2.54	86.9
1411	1/6/2012 02:30:49	9.84	48.29	31.30	8.12		4.8	2.50	87.5
1412	1/6/2012 02:45:49	9.83	48.19	31.23	8.10		4.7	2.48	87.2
1413	1/6/2012 03:00:49	9.81	48.24	31.26	8.04		4.8	2.47	86.6
1414	1/6/2012 03:15:49	9.81	48.30	31.30	8.06		5.8	2.47	86.9
1415	1/6/2012 03:30:49	9.78	48.34	31.33	7.99		5.0	2.49	86.1
1416	1/6/2012 03:45:49	9.81	48.49	31.44	8.05		5.1	2.48	86.8
1417	1/6/2012 04:00:49	9.82	48.51	31.45	8.08		4.9	2.57	87.1
1418	1/6/2012 04:15:49	9.83	48.48	31.43	8.08		5.2	2.61	87.2
1419	1/6/2012 04:30:49	9.84	48.51	31.45	8.13		4.7	2.64	87.7
1420	1/6/2012 04:45:49	9.84	48.38	31.36	8.13		5.3	2.71	87.7
1421	1/6/2012 05:00:49	9.84	48.48	31.43	8.12		5.2	2.71	87.6
1422	1/6/2012 05:15:49	9.90	48.74	31.62	8.15		5.1	2.81	88.2
1423	1/6/2012 05:30:49	9.94	48.91	31.75	8.19		4.5	2.86	88.8
1424	1/6/2012 05:45:49	9.99	49.11	31.90	8.24		4.8	2.91	89.4
1425	1/6/2012 06:00:49	10.02	49.20	31.97	8.29		5.1	3.00	90.2
1426	1/6/2012 06:15:49	10.06	49.41	32.12	8.35		5.2	3.06	91.0
1427	1/6/2012 06:30:49	10.10	49.51	32.19	8.42		5.0	3.17	91.8
1428	1/6/2012 06:45:49	10.14	49.70	32.33	8.45		4.8	3.22	92.3
1429	1/6/2012 07:00:49	10.22	49.90	32.48	8.55		5.4	3.31	93.7
1430	1/6/2012 07:15:49	10.27	49.97	32.53	8.64		5.8	3.37	94.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1431	1/6/2012 07:30:49	10.30	50.07	32.61	8.68		6.5	3.42	95.4
1432	1/6/2012 07:45:49	10.36	50.25	32.75	8.76		7.0	3.50	96.5
1433	1/6/2012 08:00:49	10.39	50.35	32.82	8.80		6.7	3.55	97.0
1434	1/6/2012 08:15:49	10.41	50.37	32.84	8.81		6.1	3.61	97.2
1435	1/6/2012 08:30:49	10.42	50.47	32.91	8.82		6.2	3.66	97.3
1436	1/6/2012 08:45:49	10.43	50.47	32.91	8.83		6.2	3.69	97.5
1437	1/6/2012 09:00:49	10.44	50.52	32.95	8.83		5.6	3.71	97.5
1438	1/6/2012 09:15:49	10.39	50.35	32.82	8.73		5.5	3.71	96.2
1439	1/6/2012 09:30:49	10.44	50.45	32.90	8.77		5.4	3.71	96.8
1440	1/6/2012 09:45:49	10.44	50.53	32.95	8.78		5.2	3.71	97.0
1441	1/6/2012 10:00:49	10.42	50.47	32.91	8.77		5.6	3.64	96.8
1442	1/6/2012 10:15:49	10.30	50.20	32.70	8.67		5.2	3.59	95.3
1443	1/6/2012 10:30:49	10.33	50.17	32.68	8.72		6.2	3.49	95.8
1444	1/6/2012 10:45:49	10.30	50.00	32.56	8.71		4.8	3.44	95.6
1445	1/6/2012 11:00:49	10.33	49.97	32.54	8.69		4.3	3.38	95.5
1446	1/6/2012 11:15:49	10.27	49.66	32.31	8.54		4.2	3.27	93.5
1447	1/6/2012 11:30:49	10.21	49.54	32.23	8.38		7.2	3.14	91.6
1448	1/6/2012 11:45:49	10.25	49.42	32.14	8.41		5.2	3.05	92.0
1449	1/6/2012 12:00:49	10.26	49.44	32.15	8.45		4.7	2.99	92.5
1450	1/6/2012 12:15:49	10.27	49.42	32.14	8.43		5.0	2.86	92.3
1451	1/6/2012 12:30:49	10.30	49.40	32.13	8.53		4.7	2.75	93.4
	Mean	9.31	50.00	32.49	9.35		5.62	2.62	100.33
	Minimum	7.74	47.39	30.64	7.99		3.30	0.72	86.10
	Maximum	10.44	51.74	33.76	11.12		19.60	4.12	116.90

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

pH probe malfunctioned during deployment

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
0	1/6/2012 13:16:19	10.30	48.64	31.58	9.30	8.14	6.2	2.37	101.4
1	1/6/2012 13:31:19	10.26	48.45	31.44	9.30	8.13	7.2	2.22	101.3
2	1/6/2012 13:46:19	10.32	48.29	31.32	9.31	8.13	8.6	2.11	101.5
3	1/6/2012 14:01:19	10.45	48.35	31.38	9.22	8.15	9.7	1.96	100.8
4	1/6/2012 14:16:19	10.33	47.96	31.09	9.14	8.13	9.9	1.85	99.5
5	1/6/2012 14:31:19	10.38	48.18	31.25	9.22	8.13	10.2	1.67	100.6
6	1/6/2012 14:46:19	10.28	47.95	31.08	8.96	8.11	12.8	1.60	97.4
7	1/6/2012 15:01:19	10.28	47.97	31.10	8.94	8.11	11.8	1.49	97.2
8	1/6/2012 15:16:19	10.28	47.82	30.99	8.92	8.10	12.2	1.38	97.0
9	1/6/2012 15:31:19	10.29	47.87	31.02	8.92	8.10	11.1	1.31	96.9
10	1/6/2012 15:46:19	10.31	47.66	30.87	8.93	8.11	9.5	1.25	97.0
11	1/6/2012 16:01:19	10.31	47.87	31.03	8.92	8.11	9.5	1.16	97.0
12	1/6/2012 16:16:19	10.34	47.93	31.07	8.96	8.12	9.0	1.20	97.6
13	1/6/2012 16:31:19	10.32	47.49	30.75	8.90	8.11	9.7	1.20	96.6
14	1/6/2012 16:46:19	10.30	47.60	30.83	8.88	8.04	9.6	1.28	96.5
15	1/6/2012 17:01:19	10.28	47.49	30.75	8.85	8.11	9.2	1.31	96.0
16	1/6/2012 17:16:19	10.31	47.46	30.73	8.72	8.11	10.6	1.34	94.7
17	1/6/2012 17:31:19	10.31	47.44	30.71	8.69	8.11	10.6	1.40	94.3
18	1/6/2012 17:46:19	10.28	47.51	30.76	8.71	8.10	9.7	1.47	94.5
19	1/6/2012 18:01:19	10.23	47.41	30.69	8.73	8.11	9.1	1.55	94.6
20	1/6/2012 18:16:19	10.22	46.91	30.33	8.66	8.11	9.6	1.60	93.6
21	1/6/2012 18:31:19	10.23	47.10	30.46	8.64	8.02	9.0	1.69	93.5
22	1/6/2012 18:46:19	10.22	47.10	30.46	8.66	8.10	9.0	1.79	93.7
23	1/6/2012 19:01:19	10.21	47.01	30.40	8.67	8.10	8.7	1.83	93.7
24	1/6/2012 19:16:19	10.18	46.98	30.38	8.68	8.10	8.3	1.92	93.7
25	1/6/2012 19:31:19	10.20	47.35	30.64	8.68	8.11	7.6	2.01	94.0
26	1/6/2012 19:46:19	10.20	47.68	30.88	8.66	8.10	7.1	2.09	93.9
27	1/6/2012 20:01:19	10.15	47.70	30.89	8.67	8.10	6.8	2.18	93.9
28	1/6/2012 20:16:19	10.08	47.61	30.82	8.69	8.10	6.8	2.27	93.9
29	1/6/2012 20:31:19	10.06	47.64	30.85	8.70	8.10	6.7	2.36	94.0
30	1/6/2012 20:46:19	10.04	47.94	31.06	8.70	8.10	6.3	2.45	94.1
31	1/6/2012 21:01:19	10.03	47.95	31.06	8.72	8.11	5.8	2.52	94.3
32	1/6/2012 21:16:19	10.04	48.30	31.32	8.72	8.11	6.2	2.58	94.4
33	1/6/2012 21:31:19	10.05	48.29	31.31	8.75	8.11	6.2	2.66	94.8
34	1/6/2012 21:46:19	10.07	48.32	31.33	8.75	8.11	5.7	2.73	94.8
35	1/6/2012 22:01:19	10.07	48.47	31.44	8.75	8.11	5.3	2.78	95.0
36	1/6/2012 22:16:19	10.09	48.63	31.56	8.78	8.12	5.7	2.84	95.4
37	1/6/2012 22:31:19	10.10	48.70	31.61	8.81	8.12	5.5	2.87	95.7
38	1/6/2012 22:46:19	10.10	48.76	31.65	8.82	8.12	5.4	2.92	95.9
39	1/6/2012 23:01:19	10.10	48.79	31.67	8.88	8.13	5.2	2.95	96.5
40	1/6/2012 23:16:19	10.13	49.01	31.84	8.87	8.03	4.8	2.97	96.6
41	1/6/2012 23:31:19	10.05	48.63	31.56	8.75	8.12	4.6	2.99	94.9
42	1/6/2012 23:46:19	10.10	48.72	31.62	8.77	8.12	4.8	2.98	95.4
43	1/7/2012 0:01:19	10.12	48.88	31.74	8.84	8.13	5.0	2.94	96.2
44	1/7/2012 0:16:19	9.55	48.20	31.21	8.58	8.10	5.1	2.91	91.8
45	1/7/2012 0:31:19	9.57	48.17	31.19	8.53	8.10	5.1	2.88	91.4
46	1/7/2012 0:46:19	9.69	48.12	31.17	8.51	8.11	4.8	2.84	91.4
47	1/7/2012 1:01:19	9.93	48.42	31.40	8.64	8.11	5.4	2.75	93.4
48	1/7/2012 1:16:19	9.73	48.38	31.35	8.60	8.11	5.6	2.70	92.5
49	1/7/2012 1:31:19	9.65	48.58	31.49	8.55	8.11	4.9	2.65	91.9
50	1/7/2012 1:46:19	9.65	48.53	31.46	8.56	8.11	4.7	2.59	92.0
51	1/7/2012 2:01:19	9.60	48.40	31.36	8.54	8.11	4.7	2.54	91.7
52	1/7/2012 2:16:19	9.57	48.37	31.33	8.53	8.11	4.7	2.48	91.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
53	1/7/2012 2:31:19	9.58	48.19	31.21	8.51	8.10	5.1	2.45	91.2
54	1/7/2012 2:46:19	9.52	47.88	30.98	8.50	8.10	4.7	2.40	90.8
55	1/7/2012 3:01:19	9.54	47.91	31.00	8.46	8.10	5.0	2.35	90.5
56	1/7/2012 3:16:19	9.50	47.93	31.02	8.45	8.10	4.9	2.34	90.3
57	1/7/2012 3:31:19	9.59	47.78	30.92	8.47	7.98	5.1	2.33	90.6
58	1/7/2012 3:46:19	9.46	47.82	30.93	8.41	7.98	4.7	2.31	89.7
59	1/7/2012 4:01:19	9.51	48.01	31.08	8.41	7.98	4.9	2.32	89.9
60	1/7/2012 4:16:19	9.48	47.91	31.00	8.44	8.10	5.0	2.35	90.1
61	1/7/2012 4:31:19	9.57	47.92	31.01	8.47	8.10	5.3	2.38	90.6
62	1/7/2012 4:46:19	9.59	48.10	31.14	8.51	8.11	5.1	2.43	91.1
63	1/7/2012 5:01:19	9.61	47.94	31.03	8.56	8.11	5.1	2.48	91.7
64	1/7/2012 5:16:19	9.57	47.99	31.06	8.55	8.11	5.7	2.53	91.5
65	1/7/2012 5:31:19	9.65	48.20	31.22	8.56	8.00	5.3	2.59	91.9
66	1/7/2012 5:46:19	9.72	48.36	31.34	8.58	8.00	5.2	2.66	92.3
67	1/7/2012 6:01:19	9.79	48.48	31.43	8.64	8.11	5.0	2.72	93.1
68	1/7/2012 6:16:19	9.87	48.65	31.56	8.70	8.11	4.9	2.79	94.0
69	1/7/2012 6:31:19	9.90	48.75	31.63	8.76	8.12	5.0	2.86	94.8
70	1/7/2012 6:46:19	9.95	48.96	31.79	8.85	8.13	5.2	2.92	96.0
71	1/7/2012 7:01:19	9.99	49.20	31.96	8.92	8.13	5.3	2.99	96.9
72	1/7/2012 7:16:19	10.03	49.29	32.03	8.97	8.14	5.3	3.08	97.6
73	1/7/2012 7:31:19	10.08	49.48	32.17	9.05	8.14	5.4	3.15	98.6
74	1/7/2012 7:46:19	10.09	49.59	32.25	9.09	8.15	6.2	3.22	99.1
75	1/7/2012 8:01:19	10.10	49.85	32.44	9.12	8.15	5.9	3.30	99.6
76	1/7/2012 8:16:19	10.11	49.93	32.50	9.14	8.16	6.2	3.39	99.9
77	1/7/2012 8:31:19	10.09	49.90	32.48	9.17	8.16	6.4	3.45	100.2
78	1/7/2012 8:46:19	10.06	50.18	32.67	9.17	8.16	6.4	3.53	100.2
79	1/7/2012 9:01:19	10.04	50.03	32.56	9.16	8.16	6.5	3.59	100.1
80	1/7/2012 9:16:19	10.01	50.08	32.60	9.17	8.17	6.0	3.65	100.0
81	1/7/2012 9:31:19	10.01	50.10	32.62	9.17	8.17	5.1	3.68	100.1
82	1/7/2012 9:46:19	10.01	50.31	32.77	9.14	8.17	5.3	3.72	99.8
83	1/7/2012 10:01:19	10.00	49.99	32.53	9.10	8.16	5.1	3.74	99.2
84	1/7/2012 10:16:19	10.01	50.18	32.68	9.07	8.16	5.0	3.73	99.1
85	1/7/2012 10:31:19	10.00	50.16	32.65	9.15	8.17	5.6	3.69	99.9
86	1/7/2012 10:46:19	10.00	50.24	32.71	9.14	8.17	5.6	3.66	99.8
87	1/7/2012 11:01:19	10.00	49.58	32.24	9.23	8.16	4.8	3.58	100.5
88	1/7/2012 11:16:19	10.05	49.48	32.17	9.22	8.16	4.7	3.49	100.4
89	1/7/2012 11:31:19	10.09	49.76	32.37	9.18	8.06	4.7	3.41	100.2
90	1/7/2012 11:46:19	10.14	49.57	32.24	9.25	8.07	4.3	3.30	101.1
91	1/7/2012 12:01:19	10.08	49.25	32.01	9.17	8.15	5.8	3.19	99.8
92	1/7/2012 12:16:19	10.12	49.19	31.96	9.19	8.15	5.4	3.08	100.1
93	1/7/2012 12:31:19	10.14	49.35	32.08	9.15	8.05	6.3	2.98	99.9
94	1/7/2012 12:46:19	10.22	49.19	31.97	9.24	8.16	5.3	2.86	100.9
95	1/7/2012 13:01:19	10.08	48.83	31.70	9.10	8.14	7.2	2.74	98.9
96	1/7/2012 13:16:19	10.32	49.00	31.84	9.26	8.17	5.2	2.61	101.3
97	1/7/2012 13:31:19	10.38	49.03	31.86	9.16	8.17	6.4	2.48	100.3
98	1/7/2012 13:46:19	10.30	48.79	31.68	9.35	8.16	4.7	2.35	102.1
99	1/7/2012 14:01:19	10.20	48.64	31.57	9.37	8.04	4.9	2.21	102.0
100	1/7/2012 14:16:19	10.14	48.53	31.49	9.20	8.03	6.3	2.07	100.0
101	1/7/2012 14:31:19	10.10	48.24	31.27	9.23	8.15	7.0	1.94	100.1
102	1/7/2012 14:46:19	10.19	48.23	31.28	9.21	8.17	6.9	1.79	100.1
103	1/7/2012 15:01:19	10.15	48.10	31.18	9.14	8.16	7.0	1.65	99.1
104	1/7/2012 15:16:19	10.09	48.15	31.21	9.10	8.15	6.7	1.52	98.6
105	1/7/2012 15:31:19	10.11	48.19	31.24	9.11	8.15	6.2	1.40	98.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
106	1/7/2012 15:46:19	10.12	48.08	31.16	9.14	8.15	5.8	1.29	99.0
107	1/7/2012 16:01:19	10.11	47.92	31.05	9.13	8.15	5.7	1.19	98.9
108	1/7/2012 16:16:19	10.08	47.85	31.00	9.12	8.15	5.7	1.10	98.6
109	1/7/2012 16:31:19	10.04	47.83	30.98	9.09	8.15	5.9	1.08	98.2
110	1/7/2012 16:46:19	10.12	48.11	31.18	9.10	8.15	5.7	1.07	98.6
111	1/7/2012 17:01:19	9.78	47.53	30.75	8.94	8.14	6.1	1.07	95.9
112	1/7/2012 17:16:19	9.83	47.45	30.69	8.93	8.14	6.1	1.15	95.9
113	1/7/2012 17:31:19	9.71	47.52	30.74	8.93	8.14	5.8	1.22	95.7
114	1/7/2012 17:46:19	9.68	47.42	30.66	8.92	8.15	5.8	1.25	95.5
115	1/7/2012 18:01:19	9.72	47.60	30.80	8.89	8.14	5.9	1.32	95.2
116	1/7/2012 18:16:19	9.67	47.42	30.66	8.88	8.14	6.8	1.40	95.0
117	1/7/2012 18:31:19	9.59	47.01	30.36	8.89	8.14	6.8	1.46	94.8
118	1/7/2012 18:46:19	9.55	47.06	30.40	8.84	8.13	6.9	1.51	94.1
119	1/7/2012 19:01:19	9.65	47.07	30.41	8.85	8.13	6.6	1.58	94.5
120	1/7/2012 19:16:19	9.63	47.38	30.63	8.83	8.13	6.7	1.66	94.4
121	1/7/2012 19:31:19	9.65	47.43	30.67	8.84	8.01	6.8	1.74	94.5
122	1/7/2012 19:46:19	9.72	47.30	30.58	8.85	8.13	6.5	1.82	94.8
123	1/7/2012 20:01:19	9.76	47.48	30.71	8.83	8.13	6.4	1.92	94.7
124	1/7/2012 20:16:19	9.82	47.88	31.00	8.83	8.13	6.5	2.02	95.0
125	1/7/2012 20:31:19	9.77	47.91	31.02	8.83	8.13	6.5	2.11	94.9
126	1/7/2012 20:46:19	9.84	48.19	31.22	8.85	8.13	6.1	2.21	95.4
127	1/7/2012 21:01:19	9.88	48.23	31.25	8.88	8.13	6.2	2.31	95.8
128	1/7/2012 21:16:19	9.87	48.41	31.38	8.89	8.13	6.1	2.40	96.0
129	1/7/2012 21:31:19	9.88	48.40	31.38	8.91	8.13	6.2	2.49	96.2
130	1/7/2012 21:46:19	9.91	48.55	31.49	8.91	8.14	6.5	2.57	96.3
131	1/7/2012 22:01:19	9.93	48.42	31.39	8.92	8.14	6.4	2.65	96.5
132	1/7/2012 22:16:19	9.95	48.76	31.64	8.92	8.14	6.7	2.73	96.6
133	1/7/2012 22:31:19	9.96	48.72	31.61	8.97	8.14	7.5	2.79	97.2
134	1/7/2012 22:46:19	9.96	48.92	31.76	8.99	8.15	7.0	2.86	97.5
135	1/7/2012 23:01:19	9.98	49.19	31.96	9.00	8.03	7.0	2.91	97.7
136	1/7/2012 23:16:19	9.97	49.10	31.89	9.05	8.16	6.6	2.95	98.3
137	1/7/2012 23:31:19	9.96	49.45	32.14	9.08	8.16	5.4	2.99	98.7
138	1/7/2012 23:46:19	9.96	49.57	32.23	9.08	8.17	5.3	3.02	98.7
139	1/8/2012 0:01:19	9.95	49.58	32.23	9.09	8.17	5.7	3.05	98.8
140	1/8/2012 0:16:19	9.91	49.31	32.04	9.00	8.16	4.6	3.04	97.7
141	1/8/2012 0:31:19	9.96	49.61	32.26	9.03	8.16	5.1	3.02	98.3
142	1/8/2012 0:46:19	9.96	49.53	32.20	9.08	8.16	5.2	2.99	98.7
143	1/8/2012 1:01:19	9.57	48.80	31.64	8.81	8.13	5.3	2.95	94.7
144	1/8/2012 1:16:19	9.55	48.42	31.37	8.76	8.13	4.8	2.89	93.9
145	1/8/2012 1:31:19	9.82	48.90	31.74	8.89	8.14	5.7	2.82	96.1
146	1/8/2012 1:46:19	9.63	48.79	31.64	8.82	8.13	5.8	2.75	94.9
147	1/8/2012 2:01:19	9.64	48.83	31.67	8.78	8.01	5.6	2.68	94.5
148	1/8/2012 2:16:19	9.55	48.80	31.64	8.77	8.13	5.1	2.61	94.2
149	1/8/2012 2:31:19	9.48	48.96	31.76	8.75	8.00	4.7	2.55	93.9
150	1/8/2012 2:46:19	9.49	48.77	31.62	8.72	8.00	5.0	2.47	93.5
151	1/8/2012 3:01:19	9.34	48.55	31.45	8.69	8.13	4.6	2.43	92.8
152	1/8/2012 3:16:19	9.32	48.34	31.30	8.66	8.12	4.7	2.38	92.3
153	1/8/2012 3:31:19	9.30	48.25	31.23	8.65	8.12	4.7	2.32	92.1
154	1/8/2012 3:46:19	9.18	48.36	31.30	8.60	7.98	4.7	2.30	91.4
155	1/8/2012 4:01:19	9.24	48.04	31.08	8.61	7.98	4.7	2.26	91.5
156	1/8/2012 4:16:19	9.23	48.13	31.14	8.61	8.12	4.8	2.25	91.5
157	1/8/2012 4:31:19	9.21	47.69	30.82	8.59	8.12	4.5	2.25	91.0
158	1/8/2012 4:46:19	9.22	48.21	31.20	8.62	8.12	4.7	2.27	91.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
159	1/8/2012 5:01:19	9.22	48.24	31.22	8.62	7.99	4.5	2.28	91.7
160	1/8/2012 5:16:19	9.33	48.30	31.27	8.67	8.12	4.7	2.32	92.4
161	1/8/2012 5:31:19	9.40	48.45	31.38	8.69	7.99	4.8	2.38	92.9
162	1/8/2012 5:46:19	9.30	48.27	31.25	8.74	8.13	5.7	2.43	93.1
163	1/8/2012 6:01:19	9.23	48.28	31.25	8.73	8.13	5.9	2.50	92.9
164	1/8/2012 6:16:19	9.45	48.58	31.48	8.74	8.00	5.1	2.55	93.6
165	1/8/2012 6:31:19	9.48	48.74	31.60	8.76	8.00	4.9	2.63	93.9
166	1/8/2012 6:46:19	9.60	48.91	31.73	8.79	8.01	4.9	2.69	94.5
167	1/8/2012 7:01:19	9.64	49.05	31.83	8.82	8.01	5.1	2.75	95.0
168	1/8/2012 7:16:19	9.70	49.03	31.82	8.89	8.15	5.0	2.83	95.9
169	1/8/2012 7:31:19	9.73	49.33	32.04	8.94	8.02	5.0	2.90	96.6
170	1/8/2012 7:46:19	9.78	49.30	32.02	8.97	8.16	5.3	2.98	97.0
171	1/8/2012 8:01:19	9.78	49.41	32.10	8.99	8.16	5.2	3.05	97.3
172	1/8/2012 8:16:19	9.82	49.45	32.13	9.00	8.16	5.7	3.13	97.5
173	1/8/2012 8:31:19	9.85	49.78	32.37	8.99	8.16	6.1	3.22	97.6
174	1/8/2012 8:46:19	9.86	49.90	32.46	8.96	8.17	6.5	3.30	97.4
175	1/8/2012 9:01:19	9.85	50.14	32.63	8.92	8.16	7.5	3.39	97.1
176	1/8/2012 9:16:19	9.82	50.12	32.62	8.88	8.16	7.4	3.47	96.5
177	1/8/2012 9:31:19	9.80	50.14	32.63	8.85	8.16	7.3	3.55	96.1
178	1/8/2012 9:46:19	9.78	50.50	32.89	8.80	8.16	6.5	3.60	95.8
179	1/8/2012 10:01:19	9.78	50.63	32.98	8.77	8.04	6.2	3.66	95.5
180	1/8/2012 10:16:19	9.79	50.53	32.91	8.75	8.16	6.0	3.71	95.2
181	1/8/2012 10:31:19	9.79	50.61	32.97	8.69	8.16	5.1	3.73	94.6
182	1/8/2012 10:46:19	9.75	50.24	32.70	8.77	8.16	4.8	3.76	95.3
183	1/8/2012 11:01:19	9.78	50.44	32.84	8.72	8.16	4.8	3.75	94.8
184	1/8/2012 11:16:19	9.78	50.48	32.87	8.72	8.16	5.9	3.71	94.9
185	1/8/2012 11:31:19	9.79	50.55	32.93	8.72	8.16	5.6	3.67	94.9
186	1/8/2012 11:46:19	9.91	49.88	32.45	9.14	8.17	4.8	3.59	99.4
187	1/8/2012 12:01:19	9.93	49.94	32.49	9.16	8.17	4.5	3.49	99.7
188	1/8/2012 12:16:19	9.95	49.83	32.42	9.04	8.16	4.6	3.39	98.5
189	1/8/2012 12:31:19	9.99	49.62	32.27	9.20	8.18	4.5	3.29	100.1
190	1/8/2012 12:46:19	9.97	49.58	32.23	9.17	8.18	5.7	3.17	99.8
191	1/8/2012 13:01:19	9.97	49.60	32.25	9.15	8.17	5.4	3.05	99.5
192	1/8/2012 13:16:19	10.01	49.55	32.22	9.14	8.17	6.0	2.93	99.5
193	1/8/2012 13:31:19	10.00	49.63	32.27	9.16	8.04	5.8	2.82	99.7
194	1/8/2012 13:46:19	10.00	49.42	32.12	9.17	8.04	6.3	2.69	99.8
195	1/8/2012 14:01:19	10.02	49.43	32.13	9.19	8.04	5.9	2.56	100.0
196	1/8/2012 14:16:19	10.12	49.38	32.10	9.28	8.18	5.0	2.43	101.2
197	1/8/2012 14:31:19	10.15	49.17	31.95	9.36	8.18	5.3	2.28	102.1
198	1/8/2012 14:46:19	9.95	48.58	31.51	9.32	8.17	7.5	2.14	100.9
199	1/8/2012 15:01:19	9.92	48.60	31.53	9.42	8.17	7.9	1.98	101.9
200	1/8/2012 15:16:19	9.92	48.33	31.33	9.31	8.18	7.6	1.85	100.6
201	1/8/2012 15:31:19	10.01	48.50	31.46	9.49	8.19	7.0	1.68	102.8
202	1/8/2012 15:46:19	9.84	48.22	31.25	9.30	8.17	6.9	1.53	100.3
203	1/8/2012 16:01:19	9.83	48.15	31.19	9.25	8.17	6.5	1.41	99.7
204	1/8/2012 16:16:19	9.82	48.15	31.19	9.24	8.16	6.3	1.27	99.5
205	1/8/2012 16:31:19	9.87	48.16	31.21	9.25	8.17	6.1	1.16	99.7
206	1/8/2012 16:46:19	9.83	48.07	31.14	9.24	8.17	6.1	1.06	99.6
207	1/8/2012 17:01:19	9.83	47.98	31.07	9.25	8.17	5.9	1.00	99.5
208	1/8/2012 17:16:19	9.79	48.12	31.17	9.23	8.17	5.3	0.97	99.3
209	1/8/2012 17:31:19	9.58	47.73	30.88	9.13	8.16	5.5	0.98	97.7
210	1/8/2012 17:46:19	9.51	47.70	30.85	9.10	8.16	5.4	1.04	97.1
211	1/8/2012 18:01:19	9.57	48.01	31.08	9.12	8.02	5.2	1.09	97.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
212	1/8/2012 18:16:19	9.53	47.93	31.02	9.11	8.02	5.3	1.18	97.4
213	1/8/2012 18:31:19	9.51	47.94	31.03	9.09	8.02	5.4	1.24	97.2
214	1/8/2012 18:46:19	9.33	47.74	30.87	9.07	8.01	6.3	1.30	96.5
215	1/8/2012 19:01:19	9.39	47.76	30.89	9.07	8.01	6.2	1.38	96.5
216	1/8/2012 19:16:19	9.46	47.70	30.85	9.06	8.15	5.9	1.43	96.6
217	1/8/2012 19:31:19	9.41	47.80	30.91	9.05	8.01	5.9	1.51	96.4
218	1/8/2012 19:46:19	9.41	47.79	30.91	9.05	8.01	5.9	1.59	96.4
219	1/8/2012 20:01:19	9.39	47.76	30.89	9.05	8.01	6.0	1.68	96.3
220	1/8/2012 20:16:19	9.37	47.55	30.73	9.05	8.15	6.4	1.76	96.2
221	1/8/2012 20:31:19	9.43	47.57	30.75	9.04	8.15	6.0	1.86	96.3
222	1/8/2012 20:46:19	9.41	47.79	30.91	9.05	8.15	5.9	1.99	96.5
223	1/8/2012 21:01:19	9.58	48.39	31.35	9.04	8.01	6.5	2.08	97.0
224	1/8/2012 21:16:19	9.64	48.29	31.28	9.07	8.15	6.1	2.19	97.3
225	1/8/2012 21:31:19	9.70	48.37	31.35	9.07	8.15	6.1	2.30	97.6
226	1/8/2012 21:46:19	9.71	48.56	31.48	9.06	8.02	6.2	2.40	97.5
227	1/8/2012 22:01:19	9.71	48.51	31.45	9.07	8.15	6.2	2.49	97.6
228	1/8/2012 22:16:19	9.70	48.67	31.56	9.05	8.15	6.4	2.58	97.5
229	1/8/2012 22:31:19	9.75	48.78	31.64	9.03	8.15	6.8	2.67	97.4
230	1/8/2012 22:46:19	9.76	48.95	31.76	9.02	8.16	7.9	2.73	97.4
231	1/8/2012 23:01:19	9.78	48.94	31.76	9.03	8.16	8.0	2.81	97.6
232	1/8/2012 23:16:19	9.80	49.23	31.97	9.04	8.16	7.6	2.87	97.8
233	1/8/2012 23:31:19	9.79	49.49	32.16	9.06	8.17	7.2	2.94	98.1
234	1/8/2012 23:46:19	9.79	49.69	32.30	9.07	8.17	6.7	3.02	98.3
235	1/9/2012 0:01:19	9.80	49.91	32.46	9.05	8.17	6.4	3.06	98.2
236	1/9/2012 0:16:19	9.80	49.83	32.41	9.04	8.17	5.8	3.12	98.0
237	1/9/2012 0:31:19	9.80	49.84	32.41	9.00	8.17	5.1	3.13	97.7
238	1/9/2012 0:46:19	9.72	49.37	32.07	8.98	8.16	5.1	3.15	97.0
239	1/9/2012 1:01:19	9.78	49.85	32.42	8.99	8.17	5.5	3.14	97.6
240	1/9/2012 1:16:19	9.79	49.78	32.37	9.01	8.17	5.1	3.10	97.8
241	1/9/2012 1:31:19	9.70	49.51	32.17	8.99	8.16	6.4	3.05	97.2
242	1/9/2012 1:46:19	9.44	49.25	31.96	8.88	8.01	6.1	2.99	95.3
243	1/9/2012 2:01:19	9.64	49.18	31.92	8.97	8.16	5.9	2.93	96.7
244	1/9/2012 2:16:19	9.53	49.16	31.91	8.92	8.15	5.9	2.84	95.9
245	1/9/2012 2:31:19	9.50	49.25	31.96	8.90	8.01	6.1	2.77	95.7
246	1/9/2012 2:46:19	9.46	49.06	31.82	8.90	8.01	6.1	2.70	95.5
247	1/9/2012 3:01:19	9.44	48.86	31.68	8.87	8.01	5.9	2.62	95.1
248	1/9/2012 3:16:19	9.41	48.89	31.70	8.84	8.00	5.0	2.56	94.7
249	1/9/2012 3:31:19	9.44	48.63	31.52	8.88	8.14	5.1	2.50	95.0
250	1/9/2012 3:46:19	9.32	48.63	31.50	8.84	8.14	5.0	2.42	94.3
251	1/9/2012 4:01:19	9.27	48.86	31.67	8.82	8.00	4.8	2.37	94.2
252	1/9/2012 4:16:19	9.30	48.70	31.55	8.87	8.00	5.1	2.32	94.6
253	1/9/2012 4:31:19	9.21	48.60	31.48	8.82	8.00	4.8	2.27	93.9
254	1/9/2012 4:46:19	9.09	48.44	31.35	8.80	7.99	4.6	2.24	93.3
255	1/9/2012 5:01:19	9.02	48.46	31.36	8.74	7.99	4.5	2.23	92.6
256	1/9/2012 5:16:19	9.04	48.12	31.12	8.77	8.13	4.5	2.22	92.8
257	1/9/2012 5:31:19	8.99	48.42	31.33	8.73	7.99	4.3	2.22	92.4
258	1/9/2012 5:46:19	9.12	48.37	31.30	8.76	7.99	4.3	2.24	93.0
259	1/9/2012 6:01:19	9.09	48.47	31.37	8.76	7.99	4.7	2.28	93.0
260	1/9/2012 6:16:19	9.17	48.69	31.53	8.79	8.00	4.9	2.32	93.5
261	1/9/2012 6:31:19	9.16	48.66	31.51	8.84	8.00	5.0	2.38	94.0
262	1/9/2012 6:46:19	9.00	48.29	31.24	8.84	8.13	5.7	2.45	93.5
263	1/9/2012 7:01:19	9.15	48.51	31.41	8.85	8.14	5.3	2.53	94.0
264	1/9/2012 7:16:19	9.29	48.74	31.59	8.85	8.14	5.3	2.59	94.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
265	1/9/2012 7:31:19	9.37	48.93	31.72	8.86	8.14	5.5	2.67	94.9
266	1/9/2012 7:46:19	9.44	49.02	31.79	8.88	8.15	5.3	2.74	95.2
267	1/9/2012 8:01:19	9.50	49.04	31.81	8.94	8.15	5.2	2.81	96.0
268	1/9/2012 8:16:19	9.57	49.47	32.13	8.94	8.02	5.2	2.89	96.3
269	1/9/2012 8:31:19	9.58	49.51	32.16	8.95	8.02	5.3	2.96	96.4
270	1/9/2012 8:46:19	9.60	49.70	32.29	8.94	8.02	6.4	3.07	96.5
271	1/9/2012 9:01:19	9.65	49.96	32.49	8.90	8.02	7.1	3.15	96.3
272	1/9/2012 9:16:19	9.67	50.04	32.55	8.86	8.02	6.9	3.23	95.9
273	1/9/2012 9:31:19	9.68	50.03	32.54	8.82	8.16	8.3	3.33	95.5
274	1/9/2012 9:46:19	9.66	50.50	32.88	8.75	8.02	9.5	3.42	94.9
275	1/9/2012 10:01:19	9.66	50.66	33.00	8.71	8.01	9.4	3.50	94.5
276	1/9/2012 10:16:19	9.65	50.72	33.04	8.66	8.01	8.6	3.58	94.1
277	1/9/2012 10:31:19	9.64	50.88	33.15	8.63	8.01	8.3	3.65	93.8
278	1/9/2012 10:46:19	9.65	50.67	33.00	8.61	8.14	6.8	3.67	93.5
279	1/9/2012 11:01:19	9.66	50.74	33.05	8.58	8.14	5.9	3.74	93.2
280	1/9/2012 11:16:19	9.65	50.66	32.99	8.56	8.14	5.3	3.78	92.9
281	1/9/2012 11:31:19	9.64	50.64	32.98	8.63	8.01	4.8	3.76	93.6
282	1/9/2012 11:46:19	9.65	50.79	33.09	8.58	8.01	6.0	3.76	93.2
283	1/9/2012 12:01:19	9.65	50.74	33.05	8.57	8.14	6.1	3.72	93.0
284	1/9/2012 12:16:19	9.65	50.91	33.18	8.56	8.00	7.2	3.65	93.1
285	1/9/2012 12:31:19	9.93	50.14	32.64	9.14	8.17	4.8	3.58	99.6
286	1/9/2012 12:46:19	9.89	49.86	32.43	9.08	8.17	4.7	3.50	98.7
287	1/9/2012 13:01:19	9.90	50.01	32.54	9.02	8.17	4.6	3.39	98.2
288	1/9/2012 13:16:19	9.92	49.95	32.50	9.21	8.18	4.5	3.27	100.3
289	1/9/2012 13:31:19	9.90	49.78	32.38	9.11	8.04	6.2	3.14	99.1
290	1/9/2012 13:46:19	9.91	49.73	32.34	9.13	8.17	6.6	3.04	99.3
291	1/9/2012 14:01:19	9.92	49.76	32.37	9.14	8.17	6.5	2.94	99.4
292	1/9/2012 14:16:19	9.97	49.74	32.35	9.25	8.19	6.1	2.79	100.7
293	1/9/2012 14:31:19	9.94	49.59	32.24	9.26	8.18	6.0	2.65	100.7
294	1/9/2012 14:46:19	9.89	49.53	32.20	9.27	8.04	6.4	2.47	100.6
295	1/9/2012 15:01:19	9.87	49.40	32.10	9.33	8.04	6.7	2.39	101.1
296	1/9/2012 15:16:19	9.86	49.09	31.88	9.39	8.18	6.7	2.23	101.7
297	1/9/2012 15:31:19	9.80	48.74	31.62	9.48	8.18	7.6	2.09	102.3
298	1/9/2012 15:46:19	9.81	48.90	31.74	9.44	8.18	7.5	1.94	102.0
299	1/9/2012 16:01:19	9.89	48.85	31.70	9.59	8.20	7.4	1.82	103.7
300	1/9/2012 16:16:19	9.71	48.48	31.43	9.51	8.18	7.6	1.64	102.3
301	1/9/2012 16:31:19	9.68	48.47	31.42	9.42	8.18	6.8	1.49	101.3
302	1/9/2012 16:46:19	9.65	48.44	31.39	9.37	8.04	6.3	1.37	100.6
303	1/9/2012 17:01:19	9.65	48.57	31.48	9.36	8.04	6.3	1.25	100.7
304	1/9/2012 17:16:19	9.64	48.24	31.25	9.37	8.18	5.9	1.14	100.6
305	1/9/2012 17:31:19	9.61	48.25	31.25	9.36	8.17	5.6	1.07	100.4
306	1/9/2012 17:46:19	9.51	48.18	31.20	9.33	8.03	5.5	1.00	99.8
307	1/9/2012 18:01:19	9.39	48.00	31.06	9.25	8.02	5.6	0.95	98.6
308	1/9/2012 18:16:19	9.30	47.86	30.95	9.19	8.16	5.5	1.01	97.7
309	1/9/2012 18:31:19	9.22	47.93	31.00	9.17	8.16	6.9	1.03	97.4
310	1/9/2012 18:46:19	9.30	48.05	31.09	9.22	8.02	5.7	1.11	98.2
311	1/9/2012 19:01:19	9.31	48.01	31.06	9.25	8.16	5.7	1.18	98.4
312	1/9/2012 19:16:19	9.33	48.10	31.12	9.26	8.03	5.6	1.24	98.6
313	1/9/2012 19:31:19	9.14	47.67	30.80	9.19	8.01	6.2	1.32	97.3
314	1/9/2012 19:46:19	9.23	47.64	30.79	9.25	8.16	5.9	1.44	98.0
315	1/9/2012 20:01:19	9.23	47.90	30.97	9.22	8.02	6.0	1.51	97.9
316	1/9/2012 20:16:19	9.09	47.71	30.83	9.24	8.01	6.1	1.58	97.7
317	1/9/2012 20:31:19	9.16	47.86	30.94	9.19	8.01	6.2	1.72	97.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	1/9/2012 20:46:19	9.22	47.91	30.98	9.20	8.01	5.9	1.78	97.6
319	1/9/2012 21:01:19	9.33	48.14	31.15	9.19	8.02	5.9	1.89	97.9
320	1/9/2012 21:16:19	9.51	48.24	31.24	9.20	8.16	5.8	2.00	98.4
321	1/9/2012 21:31:19	9.56	48.61	31.51	9.20	8.02	6.0	2.11	98.7
322	1/9/2012 21:46:19	9.62	48.74	31.61	9.21	8.03	5.9	2.22	99.1
323	1/9/2012 22:01:19	9.64	48.87	31.70	9.20	8.03	6.2	2.34	99.0
324	1/9/2012 22:16:19	9.66	48.85	31.69	9.20	8.03	6.3	2.43	99.1
325	1/9/2012 22:31:19	9.67	48.97	31.77	9.16	8.02	6.7	2.52	98.8
326	1/9/2012 22:46:19	9.69	49.15	31.91	9.11	8.02	7.3	2.63	98.3
327	1/9/2012 23:01:19	9.72	49.22	31.96	9.08	8.02	8.4	2.70	98.0
328	1/9/2012 23:16:19	9.75	49.16	31.92	9.07	8.16	8.5	2.80	98.0
329	1/9/2012 23:31:19	9.76	49.48	32.15	9.05	8.16	8.8	2.88	98.0
330	1/9/2012 23:46:19	9.78	49.76	32.35	9.12	8.16	9.4	2.96	98.9
331	1/10/2012 0:01:19	9.78	50.20	32.67	9.15	8.02	8.4	3.03	99.4
332	1/10/2012 0:16:19	9.78	50.09	32.59	9.21	8.02	8.4	3.09	100.0
333	1/10/2012 0:31:19	9.78	50.15	32.63	9.24	8.15	7.8	3.17	100.3
334	1/10/2012 0:46:19	9.78	50.32	32.75	9.24	8.15	6.9	3.20	100.4
335	1/10/2012 1:01:19	9.78	50.63	32.98	9.20	8.01	6.4	3.23	100.1
336	1/10/2012 1:16:19	9.77	50.31	32.75	9.18	8.01	6.1	3.25	99.8
337	1/10/2012 1:31:19	9.78	50.27	32.72	9.18	8.15	6.5	3.23	99.7
338	1/10/2012 1:46:19	9.77	50.29	32.74	9.20	8.15	6.8	3.20	100.0
339	1/10/2012 2:01:19	9.59	49.56	32.20	9.05	8.15	6.4	3.17	97.6
340	1/10/2012 2:16:19	9.58	49.18	31.92	8.95	8.01	6.4	3.09	96.4
341	1/10/2012 2:31:19	9.70	49.61	32.24	9.03	8.15	5.7	3.01	97.7
342	1/10/2012 2:46:19	9.66	49.72	32.31	8.97	8.01	6.2	2.93	97.0
343	1/10/2012 3:01:19	9.65	49.37	32.06	8.97	8.15	6.5	2.87	96.8
344	1/10/2012 3:16:19	9.62	49.39	32.07	8.97	8.01	5.9	2.76	96.8
345	1/10/2012 3:31:19	9.60	49.35	32.04	8.95	8.01	5.8	2.70	96.4
346	1/10/2012 3:46:19	9.57	49.24	31.97	8.92	8.01	4.8	2.63	96.1
347	1/10/2012 4:01:19	9.56	49.06	31.83	8.90	8.00	4.8	2.55	95.7
348	1/10/2012 4:16:19	9.55	49.17	31.91	8.90	8.01	5.0	2.49	95.7
349	1/10/2012 4:31:19	9.50	49.27	31.98	8.92	8.00	5.2	2.42	95.9
350	1/10/2012 4:46:19	9.48	49.01	31.79	8.94	8.01	5.4	2.34	96.0
351	1/10/2012 5:01:19	9.43	48.80	31.63	8.89	8.01	5.1	2.29	95.2
352	1/10/2012 5:16:19	9.39	48.96	31.75	8.89	8.00	4.6	2.24	95.2
353	1/10/2012 5:31:19	9.34	48.58	31.47	8.87	8.13	4.4	2.20	94.7
354	1/10/2012 5:46:19	9.31	48.58	31.47	8.87	8.00	4.3	2.17	94.6
355	1/10/2012 6:01:19	9.27	48.43	31.36	8.85	8.00	4.0	2.17	94.3
356	1/10/2012 6:16:19	9.25	48.51	31.42	8.86	7.99	4.3	2.18	94.4
357	1/10/2012 6:31:19	9.34	48.63	31.51	8.85	8.00	4.2	2.19	94.5
358	1/10/2012 6:46:19	9.33	48.71	31.56	8.85	8.00	4.5	2.23	94.5
359	1/10/2012 7:01:19	9.38	48.63	31.51	8.91	8.00	4.7	2.29	95.2
360	1/10/2012 7:16:19	9.37	48.60	31.49	8.90	8.00	5.3	2.33	95.1
361	1/10/2012 7:31:19	9.27	48.59	31.48	8.88	7.99	5.6	2.41	94.6
362	1/10/2012 7:46:19	9.43	48.80	31.64	8.89	8.00	5.6	2.49	95.2
363	1/10/2012 8:01:19	9.49	48.88	31.70	8.90	8.00	5.9	2.55	95.5
364	1/10/2012 8:16:19	9.54	49.24	31.96	8.90	8.00	5.9	2.63	95.8
365	1/10/2012 8:31:19	9.59	49.42	32.10	8.94	8.01	5.4	2.74	96.3
366	1/10/2012 8:46:19	9.63	49.60	32.23	9.01	8.01	5.3	2.80	97.2
367	1/10/2012 9:01:19	9.65	49.81	32.38	9.03	8.01	5.6	2.88	97.7
368	1/10/2012 9:16:19	9.66	49.69	32.29	9.06	8.01	5.7	2.96	98.0
369	1/10/2012 9:31:19	9.67	49.83	32.40	9.07	8.01	6.7	3.06	98.1
370	1/10/2012 9:46:19	9.69	49.83	32.40	9.08	8.14	7.5	3.14	98.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	1/10/2012 10:01:19	9.71	50.16	32.63	9.07	8.01	7.6	3.24	98.3
372	1/10/2012 10:16:19	9.71	50.28	32.73	9.05	8.14	8.7	3.33	98.2
373	1/10/2012 10:31:19	9.72	50.41	32.82	9.03	8.14	9.4	3.41	98.1
374	1/10/2012 10:46:19	9.73	50.62	32.97	9.01	8.14	9.4	3.51	98.0
375	1/10/2012 11:01:19	9.74	50.67	33.01	9.00	8.14	8.8	3.57	98.0
376	1/10/2012 11:16:19	9.75	50.61	32.96	9.00	8.14	7.9	3.63	97.9
377	1/10/2012 11:31:19	9.76	50.75	33.07	9.00	8.14	7.6	3.68	98.0
378	1/10/2012 11:46:19	9.77	50.76	33.07	9.02	8.14	6.5	3.71	98.2
379	1/10/2012 12:01:19	9.77	50.83	33.12	8.98	8.14	5.4	3.74	97.8
380	1/10/2012 12:16:19	9.76	50.65	33.00	8.98	8.00	5.9	3.75	97.8
381	1/10/2012 12:31:19	9.77	50.89	33.17	8.99	8.00	5.9	3.72	98.0
382	1/10/2012 12:46:19	9.77	50.74	33.06	8.99	8.00	6.0	3.68	97.8
383	1/10/2012 13:01:19	9.84	50.61	32.97	9.01	8.15	7.7	3.61	98.2
384	1/10/2012 13:16:19	10.03	50.43	32.85	9.41	8.03	4.8	3.54	102.9
385	1/10/2012 13:31:19	10.04	49.94	32.50	9.29	8.16	4.8	3.46	101.4
386	1/10/2012 13:46:19	10.04	50.08	32.60	9.30	8.16	4.8	3.34	101.5
387	1/10/2012 14:01:19	9.93	49.78	32.38	9.29	8.16	7.6	3.24	101.0
388	1/10/2012 14:16:19	9.94	49.95	32.50	9.25	8.16	6.7	3.12	100.8
389	1/10/2012 14:31:19	9.98	49.67	32.30	9.32	8.16	6.1	3.00	101.4
390	1/10/2012 14:46:19	9.99	49.65	32.29	9.37	8.16	5.7	2.86	102.0
391	1/10/2012 15:01:19	10.02	49.64	32.28	9.45	8.17	5.9	2.74	102.9
392	1/10/2012 15:16:19	10.04	49.85	32.44	9.39	8.17	6.1	2.61	102.4
393	1/10/2012 15:31:19	9.98	49.45	32.14	9.38	8.17	6.4	2.48	102.0
394	1/10/2012 15:46:19	10.03	49.40	32.11	9.44	8.04	5.3	2.34	102.8
395	1/10/2012 16:01:19	9.95	49.13	31.91	9.40	8.17	5.9	2.20	102.0
396	1/10/2012 16:16:19	9.94	49.41	32.11	9.48	8.04	5.6	2.04	103.0
397	1/10/2012 16:31:19	9.91	49.09	31.88	9.44	8.05	7.0	1.90	102.3
398	1/10/2012 16:46:19	9.86	48.96	31.78	9.49	8.18	6.8	1.73	102.7
399	1/10/2012 17:01:19	9.82	48.75	31.62	9.46	8.18	6.8	1.57	102.1
400	1/10/2012 17:16:19	9.81	48.97	31.79	9.38	8.04	6.2	1.43	101.4
401	1/10/2012 17:31:19	9.79	48.88	31.72	9.35	8.04	6.4	1.32	101.0
402	1/10/2012 17:46:19	9.77	48.57	31.49	9.34	8.04	6.4	1.18	100.7
403	1/10/2012 18:01:19	9.73	48.46	31.42	9.34	8.17	6.7	1.09	100.5
404	1/10/2012 18:16:19	9.66	48.20	31.22	9.32	8.16	6.1	1.01	100.1
405	1/10/2012 18:31:19	9.55	48.23	31.23	9.18	8.02	5.9	0.98	98.3
406	1/10/2012 18:46:19	9.57	48.16	31.18	9.19	8.15	5.6	0.97	98.4
407	1/10/2012 19:01:19	9.57	48.21	31.22	9.20	8.02	5.2	1.01	98.6
408	1/10/2012 19:16:19	9.54	48.24	31.24	9.23	8.15	4.9	1.08	98.9
409	1/10/2012 19:31:19	9.54	48.25	31.25	9.24	8.02	5.4	1.15	98.9
410	1/10/2012 19:46:19	9.53	48.34	31.31	9.24	8.02	5.1	1.24	98.9
411	1/10/2012 20:01:19	9.44	47.88	30.98	9.19	8.01	5.9	1.32	98.0
412	1/10/2012 20:16:19	9.50	48.09	31.13	9.19	8.01	5.7	1.40	98.3
413	1/10/2012 20:31:19	9.51	48.07	31.12	9.20	8.01	5.7	1.50	98.3
414	1/10/2012 20:46:19	9.46	47.79	30.91	9.18	8.00	5.9	1.57	98.0
415	1/10/2012 21:01:19	9.48	47.93	31.02	9.18	8.00	5.9	1.67	98.0
416	1/10/2012 21:16:19	9.52	48.08	31.12	9.20	8.01	5.8	1.76	98.4
417	1/10/2012 21:31:19	9.58	48.29	31.28	9.22	8.01	5.9	1.85	98.9
418	1/10/2012 21:46:19	9.70	48.67	31.56	9.25	8.02	5.8	1.97	99.6
419	1/10/2012 22:01:19	9.72	48.56	31.48	9.29	8.16	5.9	2.10	100.0
420	1/10/2012 22:16:19	9.75	49.00	31.80	9.31	8.03	6.1	2.21	100.5
421	1/10/2012 22:31:19	9.78	49.00	31.80	9.31	8.03	6.8	2.33	100.6
422	1/10/2012 22:46:19	9.79	49.09	31.87	9.29	8.16	6.9	2.42	100.4
423	1/10/2012 23:01:19	9.79	49.31	32.03	9.26	8.02	6.8	2.53	100.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	1/10/2012 23:16:19	9.79	49.24	31.98	9.24	8.15	7.4	2.63	99.9
425	1/10/2012 23:31:19	9.81	49.31	32.03	9.22	8.15	8.9	2.72	99.8
426	1/10/2012 23:46:19	9.82	49.44	32.13	9.23	8.15	9.0	2.80	100.0
427	1/11/2012 0:01:19	9.82	49.73	32.33	9.25	8.15	9.9	2.89	100.4
428	1/11/2012 0:16:19	9.80	50.22	32.69	9.28	8.02	11.0	2.98	100.9
429	1/11/2012 0:31:19	9.79	50.18	32.66	9.32	8.15	10.4	3.05	101.3
430	1/11/2012 0:46:19	9.78	50.35	32.78	9.33	8.02	10.2	3.13	101.4
431	1/11/2012 1:01:19	9.76	50.58	32.94	9.34	8.02	9.8	3.19	101.6
432	1/11/2012 1:16:19	9.74	50.48	32.87	9.36	8.01	8.3	3.26	101.7
433	1/11/2012 1:31:19	9.73	50.44	32.84	9.36	8.15	7.6	3.29	101.7
434	1/11/2012 1:46:19	9.71	50.44	32.84	9.34	8.15	6.4	3.32	101.4
435	1/11/2012 2:01:19	9.68	50.46	32.85	9.27	8.01	6.3	3.33	100.6
436	1/11/2012 2:16:19	9.72	50.40	32.81	9.31	8.15	6.9	3.30	101.1
437	1/11/2012 2:31:19	9.71	50.39	32.80	9.34	8.15	8.6	3.26	101.3
438	1/11/2012 2:46:19	9.36	49.49	32.13	9.08	8.01	7.6	3.21	97.4
439	1/11/2012 3:01:19	9.45	49.52	32.16	9.09	8.01	5.4	3.12	97.7
440	1/11/2012 3:16:19	9.64	50.10	32.59	9.18	8.01	7.4	3.02	99.4
441	1/11/2012 3:31:19	9.47	49.86	32.40	9.11	8.01	6.0	2.94	98.1
442	1/11/2012 3:46:19	9.54	49.77	32.35	9.10	8.01	7.0	2.86	98.1
443	1/11/2012 4:01:19	9.48	49.60	32.22	9.08	8.01	5.7	2.77	97.7
444	1/11/2012 4:16:19	9.53	49.51	32.15	9.06	8.01	5.7	2.68	97.5
445	1/11/2012 4:31:19	9.52	49.50	32.14	9.03	8.01	5.3	2.61	97.2
446	1/11/2012 4:46:19	9.51	49.57	32.20	9.03	8.01	5.2	2.53	97.3
447	1/11/2012 5:01:19	9.49	49.46	32.12	9.08	8.01	6.0	2.44	97.7
448	1/11/2012 5:16:19	9.48	49.10	31.86	9.08	8.01	6.2	2.38	97.5
449	1/11/2012 5:31:19	9.42	49.11	31.86	9.05	8.01	5.5	2.30	97.1
450	1/11/2012 5:46:19	9.36	49.24	31.95	9.01	8.00	4.9	2.25	96.6
451	1/11/2012 6:01:19	9.28	48.88	31.68	9.01	8.00	4.8	2.20	96.2
452	1/11/2012 6:16:19	9.22	48.72	31.56	8.95	8.13	4.5	2.16	95.4
453	1/11/2012 6:31:19	9.18	48.75	31.58	8.91	8.00	4.4	2.12	94.9
454	1/11/2012 6:46:19	9.15	48.63	31.49	8.91	8.00	4.3	2.11	94.7
455	1/11/2012 7:01:19	9.09	48.61	31.47	8.88	7.99	4.2	2.11	94.3
456	1/11/2012 7:16:19	9.14	48.69	31.54	8.90	7.99	4.3	2.12	94.6
457	1/11/2012 7:31:19	9.18	48.81	31.63	8.91	8.00	4.7	2.16	94.9
458	1/11/2012 7:46:19	9.22	48.82	31.64	8.95	8.00	4.8	2.22	95.4
459	1/11/2012 8:01:19	9.24	48.85	31.66	8.97	8.00	5.1	2.28	95.7
460	1/11/2012 8:16:19	9.03	48.65	31.50	8.98	7.99	6.2	2.36	95.2
461	1/11/2012 8:31:19	9.23	48.95	31.73	9.01	8.00	5.6	2.44	96.1
462	1/11/2012 8:46:19	9.32	48.80	31.63	9.03	8.13	5.5	2.53	96.5
463	1/11/2012 9:01:19	9.41	49.29	31.99	9.03	8.13	6.1	2.60	96.9
464	1/11/2012 9:16:19	9.48	49.52	32.16	9.09	8.01	5.6	2.69	97.7
465	1/11/2012 9:31:19	9.53	49.63	32.24	9.14	8.01	5.4	2.77	98.5
466	1/11/2012 9:46:19	9.58	49.70	32.29	9.18	8.01	5.5	2.85	99.0
467	1/11/2012 10:01:19	9.59	49.80	32.37	9.19	8.01	6.2	2.95	99.3
468	1/11/2012 10:16:19	9.60	49.92	32.45	9.21	8.01	6.9	3.03	99.5
469	1/11/2012 10:31:19	9.61	50.06	32.56	9.23	8.01	7.6	3.13	99.8
470	1/11/2012 10:46:19	9.63	50.14	32.62	9.23	8.01	7.6	3.20	100.0
471	1/11/2012 11:01:19	9.61	50.45	32.84	9.24	8.01	8.9	3.30	100.1
472	1/11/2012 11:16:19	9.61	50.54	32.90	9.26	8.01	9.8	3.38	100.3
473	1/11/2012 11:31:19	9.61	50.56	32.92	9.27	8.14	10.3	3.46	100.5
474	1/11/2012 11:46:19	9.61	50.66	32.99	9.27	8.14	9.7	3.54	100.5
475	1/11/2012 12:01:19	9.64	50.75	33.06	9.27	8.01	8.3	3.61	100.7
476	1/11/2012 12:16:19	9.64	50.75	33.06	9.26	8.01	8.0	3.65	100.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	1/11/2012 12:31:19	9.63	50.55	32.91	9.25	8.14	8.1	3.69	100.3
478	1/11/2012 12:46:19	9.64	50.85	33.13	9.22	8.14	6.2	3.73	100.1
479	1/11/2012 13:01:19	9.66	50.64	32.98	9.30	8.01	5.7	3.71	101.0
480	1/11/2012 13:16:19	9.64	50.86	33.14	9.23	8.01	7.0	3.69	100.3
481	1/11/2012 13:31:19	9.64	50.72	33.04	9.24	8.14	6.2	3.66	100.3
482	1/11/2012 13:46:19	9.66	50.61	32.96	9.26	8.14	7.2	3.58	100.5
483	1/11/2012 14:01:19	9.84	50.35	32.78	9.53	8.03	7.4	3.50	103.8
484	1/11/2012 14:16:19	9.88	50.53	32.92	9.45	8.02	6.7	3.40	103.0
485	1/11/2012 14:31:19	9.90	50.48	32.88	9.50	8.03	5.6	3.29	103.6
486	1/11/2012 14:46:19	9.85	49.80	32.39	9.57	8.17	6.0	3.18	103.9
487	1/11/2012 15:01:19	9.83	49.92	32.47	9.58	8.17	5.4	3.06	104.0
488	1/11/2012 15:16:19	9.84	49.84	32.42	9.49	8.16	7.3	2.95	103.1
489	1/11/2012 15:31:19	9.83	50.02	32.54	9.51	8.03	5.7	2.81	103.3
490	1/11/2012 15:46:19	9.86	50.04	32.56	9.59	8.04	5.3	2.69	104.3
491	1/11/2012 16:01:19	9.82	49.60	32.24	9.52	8.03	5.4	2.56	103.2
492	1/11/2012 16:16:19	9.78	49.59	32.23	9.51	8.16	5.7	2.43	103.0
493	1/11/2012 16:31:19	9.75	49.29	32.01	9.52	8.04	5.7	2.30	103.0
494	1/11/2012 16:46:19	9.73	49.40	32.09	9.55	8.04	6.0	2.16	103.2
495	1/11/2012 17:01:19	9.68	49.09	31.86	9.53	8.04	6.1	2.03	102.8
496	1/11/2012 17:16:19	9.65	49.41	32.09	9.56	8.05	6.0	1.87	103.2
497	1/11/2012 17:31:19	9.61	49.21	31.95	9.55	8.05	7.1	1.73	102.9
498	1/11/2012 17:46:19	9.57	49.06	31.83	9.50	8.05	6.7	1.59	102.2
499	1/11/2012 18:01:19	9.57	48.89	31.71	9.43	8.04	6.6	1.46	101.4
500	1/11/2012 18:16:19	9.55	48.73	31.59	9.42	8.04	6.4	1.31	101.1
501	1/11/2012 18:31:19	9.54	48.78	31.63	9.39	8.04	6.3	1.23	100.8
502	1/11/2012 18:46:19	9.51	48.68	31.55	9.36	8.03	6.1	1.14	100.4
503	1/11/2012 19:01:19	9.44	48.58	31.48	9.32	8.03	6.0	1.07	99.7
504	1/11/2012 19:16:19	9.41	48.60	31.49	9.27	8.03	5.9	1.05	99.1
505	1/11/2012 19:31:19	9.34	48.43	31.36	9.29	8.02	5.3	1.06	99.1
506	1/11/2012 19:46:19	9.35	48.52	31.43	9.31	8.03	5.1	1.13	99.4
507	1/11/2012 20:01:19	9.36	48.36	31.31	9.34	8.03	5.3	1.20	99.7
508	1/11/2012 20:16:19	9.35	48.36	31.31	9.34	8.03	5.2	1.28	99.7
509	1/11/2012 20:31:19	9.25	48.23	31.21	9.33	8.02	5.4	1.36	99.3
510	1/11/2012 20:46:19	9.16	47.96	31.01	9.28	8.01	6.1	1.45	98.4
511	1/11/2012 21:01:19	9.12	47.95	31.01	9.29	8.01	5.8	1.56	98.4
512	1/11/2012 21:16:19	9.17	48.06	31.09	9.29	8.01	5.7	1.62	98.6
513	1/11/2012 21:31:19	9.25	48.28	31.25	9.30	8.01	5.9	1.72	98.9
514	1/11/2012 21:46:19	9.39	48.64	31.52	9.34	8.02	5.4	1.83	99.8
515	1/11/2012 22:01:19	9.43	48.72	31.58	9.34	8.03	5.4	1.91	100.0
516	1/11/2012 22:16:19	9.53	48.93	31.73	9.36	8.03	5.2	2.02	100.5
517	1/11/2012 22:31:19	9.54	49.13	31.88	9.39	8.03	5.3	2.13	101.0
518	1/11/2012 22:46:19	9.60	49.01	31.80	9.43	8.03	5.6	2.25	101.5
519	1/11/2012 23:01:19	9.64	49.28	32.00	9.43	8.03	6.1	2.35	101.7
520	1/11/2012 23:16:19	9.64	49.06	31.84	9.43	8.03	6.1	2.45	101.6
521	1/11/2012 23:31:19	9.65	49.29	32.01	9.41	8.16	6.9	2.57	101.5
522	1/11/2012 23:46:19	9.66	49.60	32.23	9.38	8.03	8.0	2.66	101.3
523	1/12/2012 0:01:19	9.66	49.58	32.22	9.37	8.03	8.3	2.76	101.3
524	1/12/2012 0:16:19	9.66	49.87	32.42	9.36	8.02	8.9	2.85	101.3
525	1/12/2012 0:31:19	9.65	50.23	32.69	9.34	8.02	9.5	2.95	101.2
526	1/12/2012 0:46:19	9.64	50.08	32.58	9.32	8.02	10.1	3.04	100.9
527	1/12/2012 1:01:19	9.64	50.22	32.67	9.29	8.15	10.4	3.13	100.6
528	1/12/2012 1:16:19	9.63	50.37	32.78	9.26	8.15	10.3	3.21	100.3
529	1/12/2012 1:31:19	9.62	50.55	32.92	9.22	8.02	9.3	3.29	100.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
530	1/12/2012 1:46:19	9.62	50.50	32.88	9.17	8.02	8.9	3.36	99.3
531	1/12/2012 2:01:19	9.60	50.37	32.78	9.12	8.15	7.5	3.39	98.7
532	1/12/2012 2:16:19	9.61	50.72	33.04	9.04	8.01	6.3	3.43	98.1
533	1/12/2012 2:31:19	9.50	50.40	32.79	9.12	8.02	6.1	3.45	98.6
534	1/12/2012 2:46:19	9.60	50.45	32.84	9.09	8.14	6.7	3.42	98.5
535	1/12/2012 3:01:19	9.59	50.45	32.84	9.11	8.14	7.8	3.37	98.7
536	1/12/2012 3:16:19	9.33	49.99	32.49	9.15	8.01	6.2	3.31	98.3
537	1/12/2012 3:31:19	9.35	50.00	32.49	9.14	8.01	5.7	3.24	98.3
538	1/12/2012 3:46:19	9.38	50.10	32.57	9.17	8.02	5.7	3.14	98.7
539	1/12/2012 4:01:19	9.37	50.06	32.54	9.16	8.02	6.1	3.03	98.5
540	1/12/2012 4:16:19	9.40	50.03	32.52	9.16	8.01	6.9	2.94	98.6
541	1/12/2012 4:31:19	9.39	49.85	32.39	9.15	8.01	5.9	2.86	98.4
542	1/12/2012 4:46:19	9.39	49.88	32.41	9.14	8.01	5.6	2.77	98.3
543	1/12/2012 5:01:19	9.39	49.80	32.36	9.12	8.01	5.4	2.67	98.1
544	1/12/2012 5:16:19	9.39	49.76	32.33	9.14	8.01	5.4	2.60	98.3
545	1/12/2012 5:31:20	9.36	50.09	32.56	9.14	8.10	4.6	2.52	98.3
546	1/12/2012 5:46:19	9.33	49.43	32.08	9.18	8.02	5.5	2.43	98.4
547	1/12/2012 6:01:19	9.26	49.46	32.10	9.18	8.02	5.8	2.35	98.2
548	1/12/2012 6:16:19	9.21	49.32	31.99	9.17	8.01	5.3	2.29	98.0
549	1/12/2012 6:31:19	9.15	49.30	31.98	9.13	8.01	4.9	2.21	97.4
550	1/12/2012 6:46:19	9.07	49.27	31.95	9.08	8.01	4.8	2.15	96.7
551	1/12/2012 7:01:19	8.96	49.22	31.91	9.05	8.01	4.6	2.09	96.1
552	1/12/2012 7:16:19	8.92	49.01	31.75	9.05	8.01	4.6	2.05	95.9
553	1/12/2012 7:31:19	8.85	48.86	31.64	9.03	8.00	4.5	2.03	95.4
554	1/12/2012 7:46:19	8.78	48.78	31.57	9.02	8.00	4.5	2.03	95.2
555	1/12/2012 8:01:19	8.79	48.46	31.35	9.05	8.12	4.5	2.04	95.4
556	1/12/2012 8:16:19	8.82	48.87	31.64	9.06	8.01	4.3	2.07	95.7
557	1/12/2012 8:31:19	8.92	48.68	31.51	9.08	8.01	4.4	2.13	96.1
558	1/12/2012 8:46:19	8.98	48.87	31.65	9.10	8.01	5.0	2.21	96.5
559	1/12/2012 9:01:19	8.70	48.69	31.50	9.11	8.12	6.5	2.28	95.9
560	1/12/2012 9:16:19	8.91	48.89	31.66	9.12	8.13	5.8	2.36	96.6
561	1/12/2012 9:31:19	9.07	49.14	31.85	9.14	8.01	5.3	2.45	97.2
562	1/12/2012 9:46:19	9.17	49.27	31.96	9.14	8.13	5.1	2.53	97.5
563	1/12/2012 10:01:19	9.25	49.48	32.11	9.14	8.01	5.3	2.61	97.8
564	1/12/2012 10:16:19	9.36	49.70	32.28	9.20	8.02	5.4	2.69	98.8
565	1/12/2012 10:31:19	9.42	49.79	32.35	9.22	8.02	5.1	2.77	99.1
566	1/12/2012 10:46:19	9.45	49.73	32.30	9.23	8.02	5.6	2.85	99.3
567	1/12/2012 11:01:19	9.47	49.99	32.49	9.23	8.02	5.8	2.93	99.5
568	1/12/2012 11:16:19	9.49	50.02	32.52	9.20	8.02	6.2	3.01	99.2
569	1/12/2012 11:31:19	9.51	50.14	32.61	9.19	8.02	6.5	3.09	99.2
570	1/12/2012 11:46:19	9.52	50.16	32.62	9.16	8.02	6.8	3.18	98.9
571	1/12/2012 12:01:19	9.51	50.40	32.80	9.09	8.01	7.5	3.26	98.2
572	1/12/2012 12:16:19	9.51	50.59	32.93	9.04	8.01	7.8	3.34	97.7
573	1/12/2012 12:31:19	9.50	50.62	32.95	8.99	8.01	7.9	3.40	97.2
574	1/12/2012 12:46:19	9.52	50.70	33.02	8.96	8.00	7.6	3.48	97.0
575	1/12/2012 13:01:19	9.51	50.88	33.15	8.90	8.00	6.9	3.52	96.5
576	1/12/2012 13:16:20	9.52	50.99	33.22	8.85	8.09	6.5	3.56	96.0
577	1/12/2012 13:31:19	9.52	50.83	33.11	8.82	8.00	5.7	3.59	95.5
578	1/12/2012 13:46:19	9.54	50.81	33.10	8.88	8.00	5.4	3.59	96.2
579	1/12/2012 14:01:19	9.52	50.83	33.11	8.83	8.00	6.1	3.56	95.6
580	1/12/2012 14:16:19	9.55	50.84	33.12	8.84	8.00	6.6	3.51	95.9
581	1/12/2012 14:31:19	9.56	50.59	32.94	8.91	8.13	7.3	3.46	96.5
582	1/12/2012 14:46:19	9.76	50.35	32.77	9.35	8.03	6.8	3.38	101.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
583	1/12/2012 15:01:19	9.81	50.60	32.96	9.25	8.02	5.7	3.28	100.8
584	1/12/2012 15:16:19	9.81	50.22	32.68	9.43	8.03	5.7	3.17	102.5
585	1/12/2012 15:31:19	9.73	50.19	32.66	9.50	8.04	7.0	3.06	103.1
586	1/12/2012 15:46:19	9.72	49.83	32.40	9.53	8.17	5.5	2.96	103.2
587	1/12/2012 16:01:19	9.70	49.82	32.39	9.49	8.17	5.6	2.83	102.7
588	1/12/2012 16:16:19	9.71	49.74	32.34	9.57	8.17	5.1	2.72	103.6
589	1/12/2012 16:31:19	9.73	49.89	32.44	9.53	8.17	4.6	2.61	103.3
590	1/12/2012 16:46:19	9.67	49.76	32.35	9.47	8.17	5.1	2.49	102.4
591	1/12/2012 17:01:19	9.63	49.84	32.40	9.44	8.04	5.1	2.36	102.1
592	1/12/2012 17:16:19	9.60	49.44	32.11	9.48	8.04	5.1	2.22	102.2
593	1/12/2012 17:31:19	9.56	49.45	32.11	9.50	8.05	5.4	2.09	102.4
594	1/12/2012 17:46:19	9.50	49.22	31.94	9.51	8.04	5.9	1.97	102.2
595	1/12/2012 18:01:19	9.48	49.44	32.10	9.47	8.05	5.9	1.82	101.8
596	1/12/2012 18:16:19	9.45	49.26	31.97	9.51	8.05	6.7	1.68	102.1
597	1/12/2012 18:31:19	9.46	49.06	31.82	9.51	8.05	6.6	1.56	102.1
598	1/12/2012 18:46:19	9.46	49.16	31.90	9.51	8.05	5.8	1.44	102.0
599	1/12/2012 19:01:19	9.45	48.90	31.71	9.52	8.05	5.4	1.33	102.1
600	1/12/2012 19:16:19	9.44	48.95	31.74	9.50	8.05	5.5	1.25	101.8
601	1/12/2012 19:31:19	9.40	48.69	31.55	9.48	8.04	5.4	1.20	101.4
602	1/12/2012 19:46:19	9.37	48.70	31.56	9.46	8.16	5.1	1.16	101.1
603	1/12/2012 20:01:19	9.31	48.65	31.52	9.44	8.04	4.9	1.16	100.7
604	1/12/2012 20:16:19	9.30	48.58	31.47	9.48	8.16	4.8	1.22	101.1
605	1/12/2012 20:31:19	9.30	48.66	31.52	9.50	8.04	4.4	1.26	101.3
606	1/12/2012 20:46:19	9.27	48.47	31.39	9.51	8.04	4.7	1.33	101.3
607	1/12/2012 21:01:19	9.27	48.58	31.47	9.52	8.04	4.8	1.42	101.5
608	1/12/2012 21:16:19	9.03	48.13	31.12	9.47	8.02	6.4	1.51	100.2
609	1/12/2012 21:31:19	9.00	48.09	31.10	9.50	8.02	5.3	1.59	100.4
610	1/12/2012 21:46:19	9.03	48.18	31.16	9.46	8.02	5.3	1.67	100.1
611	1/12/2012 22:01:19	9.12	48.22	31.20	9.49	8.03	5.3	1.78	100.7
612	1/12/2012 22:16:19	9.27	48.47	31.39	9.51	8.04	5.2	1.87	101.3
613	1/12/2012 22:31:19	9.31	48.77	31.60	9.49	8.04	5.2	1.96	101.4
614	1/12/2012 22:46:19	9.42	48.99	31.77	9.48	8.04	5.0	2.07	101.6
615	1/12/2012 23:01:19	9.45	49.05	31.82	9.51	8.04	5.0	2.18	102.1
616	1/12/2012 23:16:19	9.52	49.26	31.98	9.53	8.04	5.2	2.28	102.4
617	1/12/2012 23:31:19	9.55	49.16	31.91	9.53	8.16	5.4	2.38	102.5
618	1/12/2012 23:46:19	9.57	49.46	32.12	9.49	8.04	5.8	2.49	102.3
619	1/13/2012 0:01:19	9.59	49.55	32.19	9.46	8.04	6.4	2.60	102.0
620	1/13/2012 0:16:19	9.59	49.63	32.25	9.42	8.04	7.0	2.69	101.7
621	1/13/2012 0:31:19	9.60	49.36	32.05	9.40	8.03	7.6	2.79	101.4
622	1/13/2012 0:46:19	9.62	49.55	32.19	9.36	8.15	8.3	2.89	101.1
623	1/13/2012 1:01:19	9.62	49.89	32.44	9.28	8.03	8.9	2.99	100.3
624	1/13/2012 1:16:19	9.61	50.17	32.64	9.18	8.02	8.8	3.08	99.3
625	1/13/2012 1:31:19	9.59	50.11	32.59	9.10	8.14	9.4	3.18	98.4
626	1/13/2012 1:46:19	9.58	50.41	32.81	9.05	8.02	9.0	3.26	98.0
627	1/13/2012 2:01:19	9.56	50.70	33.02	8.91	8.01	9.2	3.35	96.5
628	1/13/2012 2:16:19	9.55	50.65	32.98	8.79	8.01	7.6	3.41	95.2
629	1/13/2012 2:31:19	9.54	50.75	33.05	8.70	8.00	7.0	3.47	94.3
630	1/13/2012 2:46:19	9.53	50.82	33.10	8.65	8.00	5.7	3.51	93.7
631	1/13/2012 3:01:19	9.43	50.39	32.78	8.77	8.01	5.2	3.51	94.7
632	1/13/2012 3:16:19	9.52	50.70	33.02	8.71	8.00	5.6	3.52	94.3
633	1/13/2012 3:31:19	9.52	50.87	33.14	8.69	8.00	6.1	3.48	94.2
634	1/13/2012 3:46:19	9.50	50.65	32.97	8.68	8.00	6.2	3.42	93.9
635	1/13/2012 4:01:19	9.36	50.27	32.69	9.01	8.01	5.0	3.36	96.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
636	1/13/2012 4:16:19	9.26	50.16	32.60	9.04	8.02	5.2	3.27	97.0
637	1/13/2012 4:31:19	9.28	50.26	32.68	8.93	8.01	4.9	3.18	96.0
638	1/13/2012 4:46:19	9.31	50.18	32.62	8.98	8.02	5.3	3.08	96.5
639	1/13/2012 5:01:19	9.31	50.09	32.56	9.06	8.02	5.1	2.99	97.4
640	1/13/2012 5:16:19	9.34	49.99	32.49	9.10	8.02	5.8	2.90	97.8
641	1/13/2012 5:31:19	9.30	49.94	32.45	9.09	8.02	5.4	2.80	97.6
642	1/13/2012 5:46:19	9.27	49.72	32.28	9.13	8.02	5.2	2.72	97.8
643	1/13/2012 6:01:19	9.28	49.76	32.31	9.17	8.02	5.3	2.61	98.3
644	1/13/2012 6:16:19	9.22	49.87	32.39	9.11	8.02	4.9	2.52	97.6
645	1/13/2012 6:31:19	9.18	49.64	32.23	9.16	8.02	5.1	2.44	97.9
646	1/13/2012 6:46:19	9.09	49.92	32.41	9.11	8.02	4.6	2.34	97.3
647	1/13/2012 7:01:19	9.09	49.40	32.04	9.18	8.02	5.2	2.26	97.8
648	1/13/2012 7:16:19	9.03	49.36	32.01	9.15	8.02	4.8	2.19	97.4
649	1/13/2012 7:31:19	8.98	49.23	31.91	9.15	8.02	4.6	2.12	97.2
650	1/13/2012 7:46:19	8.86	49.18	31.87	9.14	8.02	4.5	2.05	96.8
651	1/13/2012 8:01:19	8.74	49.06	31.77	9.12	8.02	4.2	2.00	96.3
652	1/13/2012 8:16:19	8.68	48.73	31.53	9.12	8.01	4.3	1.98	96.0
653	1/13/2012 8:31:19	8.66	48.81	31.58	9.07	8.01	4.0	1.96	95.5
654	1/13/2012 8:46:19	8.66	48.86	31.62	9.11	8.02	4.0	1.98	95.9
655	1/13/2012 9:01:19	8.67	48.76	31.55	9.14	8.02	4.0	2.01	96.2
656	1/13/2012 9:16:19	8.77	48.76	31.56	9.17	8.12	4.2	2.04	96.7
657	1/13/2012 9:31:19	8.83	48.97	31.72	9.19	8.02	4.2	2.11	97.1
658	1/13/2012 9:46:19	8.71	48.95	31.69	9.19	8.01	4.8	2.18	96.9
659	1/13/2012 10:01:19	8.58	48.66	31.47	9.19	8.01	5.4	2.27	96.4
660	1/13/2012 10:16:19	8.87	49.21	31.89	9.18	8.02	5.1	2.34	97.3
661	1/13/2012 10:31:19	8.95	49.26	31.93	9.19	8.02	4.7	2.42	97.6
662	1/13/2012 10:46:19	9.05	49.38	32.02	9.16	8.02	5.1	2.50	97.6
663	1/13/2012 11:01:19	9.14	49.69	32.26	9.14	8.02	4.8	2.57	97.7
664	1/13/2012 11:16:19	9.26	49.82	32.36	9.17	8.02	4.6	2.65	98.3
665	1/13/2012 11:31:19	9.35	49.88	32.41	9.18	8.03	4.5	2.72	98.6
666	1/13/2012 11:46:19	9.38	49.91	32.43	9.19	8.03	4.8	2.79	98.8
667	1/13/2012 12:01:19	9.41	49.89	32.42	9.20	8.03	4.7	2.85	98.9
668	1/13/2012 12:16:19	9.42	49.89	32.42	9.15	8.02	5.0	2.93	98.5
669	1/13/2012 12:31:19	9.44	50.06	32.55	9.11	8.02	5.0	3.01	98.1
670	1/13/2012 12:46:19	9.45	50.20	32.64	9.08	8.02	5.0	3.06	97.9
671	1/13/2012 13:01:19	9.45	50.20	32.65	9.03	8.02	5.3	3.14	97.3
672	1/13/2012 13:16:19	9.46	50.19	32.64	8.95	8.01	5.0	3.21	96.6
673	1/13/2012 13:31:19	9.46	50.41	32.80	8.89	8.01	5.6	3.28	95.9
674	1/13/2012 13:46:19	9.48	50.68	33.00	8.83	8.01	5.3	3.33	95.5
675	1/13/2012 14:01:19	9.50	50.52	32.88	8.81	8.01	5.1	3.35	95.2
676	1/13/2012 14:16:19	9.51	50.71	33.02	8.75	8.00	4.7	3.39	94.7
677	1/13/2012 14:31:20	9.54	50.66	32.99	8.79	8.09	4.2	3.41	95.1
678	1/13/2012 14:46:19	9.51	50.58	32.93	8.76	8.00	4.3	3.40	94.8
679	1/13/2012 15:01:19	9.53	50.69	33.01	8.76	8.00	4.8	3.36	94.8
680	1/13/2012 15:16:19	9.53	50.73	33.04	8.76	8.00	5.0	3.31	94.9
681	1/13/2012 15:31:19	9.58	50.47	32.85	8.93	8.02	5.0	3.24	96.7
682	1/13/2012 15:46:19	9.75	50.08	32.58	9.55	8.06	4.7	3.16	103.7
683	1/13/2012 16:01:19	9.69	49.90	32.45	9.39	8.04	4.7	3.07	101.6
684	1/13/2012 16:16:19	9.66	50.08	32.57	9.48	8.05	5.0	2.97	102.7
685	1/13/2012 16:31:19	9.64	49.86	32.42	9.56	8.05	4.8	2.88	103.4
686	1/13/2012 16:46:19	9.61	49.78	32.36	9.58	8.06	4.3	2.78	103.5
687	1/13/2012 17:01:19	9.59	49.82	32.38	9.59	8.06	4.5	2.67	103.5
688	1/13/2012 17:16:19	9.57	49.58	32.21	9.58	8.06	4.3	2.58	103.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
689	1/13/2012 17:31:19	9.50	49.95	32.47	9.37	8.05	4.1	2.46	101.0
690	1/13/2012 17:46:19	9.44	49.64	32.24	9.39	8.04	5.6	2.34	101.0
691	1/13/2012 18:01:19	9.40	49.53	32.16	9.38	8.04	5.0	2.23	100.7
692	1/13/2012 18:16:19	9.36	49.45	32.10	9.45	8.05	5.3	2.09	101.3
693	1/13/2012 18:31:19	9.32	49.54	32.16	9.47	8.06	5.4	1.97	101.5
694	1/13/2012 18:46:20	9.31	49.42	32.08	9.46	8.12	5.4	1.87	101.3
695	1/13/2012 19:01:19	9.25	49.07	31.82	9.48	8.06	5.4	1.74	101.3
696	1/13/2012 19:16:19	9.25	49.26	31.95	9.54	8.06	5.6	1.64	101.9
697	1/13/2012 19:31:20	9.27	49.32	32.00	9.53	8.12	5.4	1.55	101.9
698	1/13/2012 19:46:19	9.25	49.16	31.88	9.59	8.06	5.4	1.46	102.4
699	1/13/2012 20:01:20	9.24	49.18	31.90	9.62	8.13	4.7	1.40	102.7
700	1/13/2012 20:16:19	9.21	48.75	31.59	9.66	8.06	4.6	1.37	102.9
701	1/13/2012 20:31:19	9.17	48.69	31.54	9.65	8.06	4.3	1.35	102.7
702	1/13/2012 20:46:19	9.14	48.91	31.69	9.62	8.06	4.3	1.35	102.4
703	1/13/2012 21:01:19	9.17	48.84	31.64	9.71	8.07	4.0	1.39	103.4
704	1/13/2012 21:16:19	9.19	48.73	31.57	9.72	8.07	4.2	1.44	103.6
705	1/13/2012 21:31:19	9.20	48.83	31.64	9.73	8.07	4.4	1.50	103.7
706	1/13/2012 21:46:19	9.13	48.84	31.64	9.73	8.06	4.5	1.59	103.5
707	1/13/2012 22:01:19	8.98	48.18	31.16	9.64	8.04	5.7	1.67	101.9
708	1/13/2012 22:16:19	8.98	48.31	31.25	9.63	8.04	5.3	1.75	101.8
709	1/13/2012 22:31:19	9.08	48.48	31.38	9.65	8.05	5.5	1.85	102.4
710	1/13/2012 22:46:19	9.18	48.72	31.56	9.65	8.05	5.0	1.94	102.7
711	1/13/2012 23:01:19	9.22	48.88	31.68	9.63	8.05	5.0	2.06	102.6
712	1/13/2012 23:16:19	9.30	49.12	31.86	9.57	8.05	4.8	2.13	102.4
713	1/13/2012 23:31:19	9.35	49.29	31.98	9.52	8.05	4.6	2.24	102.0
714	1/13/2012 23:46:19	9.40	49.52	32.15	9.47	8.05	4.6	2.34	101.7
715	1/14/2012 0:01:19	9.43	49.28	31.98	9.48	8.05	4.8	2.43	101.7
716	1/14/2012 0:16:19	9.46	49.55	32.18	9.46	8.05	5.0	2.53	101.7
717	1/14/2012 0:31:20	9.48	49.71	32.30	9.39	8.11	5.4	2.62	101.1
718	1/14/2012 0:46:19	9.50	49.60	32.22	9.34	8.04	5.7	2.72	100.6
719	1/14/2012 1:01:19	9.51	49.72	32.30	9.33	8.04	6.2	2.82	100.5
720	1/14/2012 1:16:19	9.51	49.78	32.35	9.27	8.04	7.2	2.90	99.9
721	1/14/2012 1:31:19	9.52	50.05	32.54	9.22	8.03	7.3	3.00	99.5
722	1/14/2012 1:46:19	9.49	50.22	32.67	9.17	8.03	7.3	3.09	99.0
723	1/14/2012 2:01:19	9.48	50.37	32.77	9.12	8.02	7.5	3.19	98.5
724	1/14/2012 2:16:19	9.48	50.57	32.92	9.11	8.02	7.3	3.28	98.4
725	1/14/2012 2:31:19	9.47	50.42	32.81	9.10	8.02	7.0	3.37	98.3
726	1/14/2012 2:46:19	9.47	50.55	32.90	9.08	8.02	7.2	3.43	98.1
727	1/14/2012 3:01:19	9.47	50.57	32.92	9.04	8.01	6.4	3.49	97.7
728	1/14/2012 3:16:19	9.47	50.62	32.95	9.02	8.01	5.8	3.55	97.5
729	1/14/2012 3:31:19	9.47	50.83	33.10	9.00	8.01	5.3	3.56	97.4
730	1/14/2012 3:46:19	9.43	50.51	32.87	9.00	8.01	5.1	3.58	97.1
731	1/14/2012 4:01:19	9.46	50.63	32.95	9.00	8.01	5.1	3.56	97.2
732	1/14/2012 4:16:19	9.45	50.60	32.93	9.00	8.01	5.5	3.52	97.3
733	1/14/2012 4:31:19	9.40	50.32	32.73	9.01	8.01	5.0	3.46	97.2
734	1/14/2012 4:46:19	9.39	50.24	32.67	9.03	8.01	4.7	3.39	97.3
735	1/14/2012 5:01:19	9.33	50.33	32.73	9.08	8.02	4.5	3.30	97.7
736	1/14/2012 5:16:19	9.38	50.27	32.69	9.07	8.02	4.8	3.20	97.7
737	1/14/2012 5:31:19	9.38	50.19	32.63	9.04	8.02	4.8	3.11	97.3
738	1/14/2012 5:46:19	9.37	50.15	32.60	9.08	8.02	5.4	3.01	97.7
739	1/14/2012 6:01:20	9.38	50.10	32.57	9.05	8.09	5.2	2.91	97.4
740	1/14/2012 6:16:19	9.38	49.81	32.36	9.05	8.02	4.8	2.83	97.2
741	1/14/2012 6:31:19	9.37	49.72	32.30	9.05	8.02	4.7	2.71	97.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
742	1/14/2012 6:46:19	9.37	49.91	32.43	9.06	8.01	4.1	2.62	97.3
743	1/14/2012 7:01:19	9.34	50.12	32.58	9.06	8.02	4.3	2.53	97.4
744	1/14/2012 7:16:19	9.31	49.84	32.38	9.11	8.02	4.5	2.43	97.8
745	1/14/2012 7:31:19	9.28	49.70	32.27	9.13	8.03	4.5	2.34	97.8
746	1/14/2012 7:46:19	9.24	49.61	32.20	9.11	8.02	4.5	2.23	97.5
747	1/14/2012 8:01:19	9.21	49.25	31.94	9.08	8.02	4.5	2.15	97.0
748	1/14/2012 8:16:19	9.17	49.44	32.08	9.15	8.02	4.3	2.08	97.8
749	1/14/2012 8:31:19	9.12	49.30	31.97	9.14	8.02	4.1	1.99	97.5
750	1/14/2012 8:46:20	9.08	49.37	32.02	9.15	8.08	4.0	1.94	97.4
751	1/14/2012 9:01:19	9.07	49.16	31.87	9.16	8.02	4.1	1.89	97.5
752	1/14/2012 9:16:19	9.06	48.94	31.71	9.19	8.03	3.9	1.88	97.7
753	1/14/2012 9:31:19	9.04	48.90	31.68	9.18	8.03	4.0	1.86	97.5
754	1/14/2012 9:46:19	9.05	48.99	31.75	9.21	8.03	3.7	1.89	97.9
755	1/14/2012 10:01:19	9.06	48.93	31.70	9.24	8.03	3.7	1.91	98.2
756	1/14/2012 10:16:19	9.07	48.97	31.73	9.24	8.03	3.8	1.96	98.2
757	1/14/2012 10:31:19	9.09	49.07	31.80	9.24	8.03	4.0	2.03	98.3
758	1/14/2012 10:46:19	8.94	48.78	31.58	9.24	8.02	4.8	2.09	97.8
759	1/14/2012 11:01:19	8.90	48.75	31.56	9.19	8.01	5.2	2.18	97.3
760	1/14/2012 11:16:19	9.05	49.13	31.85	9.20	8.02	4.7	2.25	97.8
761	1/14/2012 11:31:19	9.11	49.00	31.75	9.20	8.02	4.5	2.32	97.9
762	1/14/2012 11:46:19	9.16	49.21	31.91	9.18	8.02	4.7	2.39	97.9
763	1/14/2012 12:01:19	9.22	49.35	32.02	9.17	8.02	4.3	2.46	98.0
764	1/14/2012 12:16:19	9.30	49.61	32.21	9.16	8.02	4.3	2.52	98.2
765	1/14/2012 12:31:19	9.34	49.58	32.19	9.18	8.03	4.2	2.58	98.5
766	1/14/2012 12:46:19	9.38	49.79	32.35	9.19	8.03	4.0	2.65	98.8
767	1/14/2012 13:01:19	9.41	49.81	32.37	9.20	8.03	4.1	2.70	99.0
768	1/14/2012 13:16:19	9.43	49.89	32.42	9.21	8.03	4.0	2.77	99.2
769	1/14/2012 13:31:19	9.44	50.00	32.50	9.21	8.03	4.2	2.83	99.2
770	1/14/2012 13:46:19	9.45	49.99	32.50	9.18	8.03	4.3	2.89	98.9
771	1/14/2012 14:01:20	9.46	50.15	32.61	9.17	8.09	4.2	2.96	98.9
772	1/14/2012 14:16:19	9.46	49.90	32.43	9.15	8.03	4.1	3.01	98.5
773	1/14/2012 14:31:19	9.46	49.98	32.49	9.15	8.02	4.2	3.06	98.6
774	1/14/2012 14:46:19	9.46	49.99	32.50	9.15	8.02	4.2	3.12	98.6
775	1/14/2012 15:01:19	9.47	50.37	32.77	9.11	8.02	4.0	3.14	98.4
776	1/14/2012 15:16:19	9.48	50.17	32.63	9.10	8.02	4.1	3.17	98.2
777	1/14/2012 15:31:19	9.48	50.25	32.69	9.07	8.02	3.7	3.19	97.9
778	1/14/2012 15:46:19	9.49	50.26	32.69	9.06	8.02	4.0	3.18	97.8
779	1/14/2012 16:01:19	9.49	50.32	32.74	9.10	8.02	4.2	3.15	98.3
780	1/14/2012 16:16:19	9.50	50.24	32.68	9.11	8.02	4.2	3.10	98.3
781	1/14/2012 16:31:19	9.49	50.09	32.57	9.16	8.02	4.2	3.05	98.8
782	1/14/2012 16:46:19	9.51	49.99	32.50	9.26	8.04	4.0	2.97	99.9
783	1/14/2012 17:01:19	9.48	50.14	32.60	9.25	8.04	4.3	2.88	99.8
784	1/14/2012 17:16:19	9.46	49.88	32.42	9.26	8.04	3.8	2.81	99.7
785	1/14/2012 17:31:19	9.45	49.94	32.46	9.26	8.04	3.9	2.71	99.7
786	1/14/2012 17:46:19	9.47	49.72	32.30	9.39	8.05	4.4	2.62	101.1
787	1/14/2012 18:01:19	9.47	49.67	32.26	9.42	8.05	4.2	2.53	101.4
788	1/14/2012 18:16:19	9.46	49.64	32.24	9.43	8.05	4.2	2.43	101.5
789	1/14/2012 18:31:19	9.40	49.70	32.28	9.31	8.04	4.0	2.34	100.0
790	1/14/2012 18:46:19	9.36	49.48	32.12	9.31	8.04	5.3	2.24	99.9
791	1/14/2012 19:01:19	9.35	49.42	32.08	9.31	8.04	4.5	2.14	99.8
792	1/14/2012 19:16:19	9.33	49.30	31.99	9.32	8.04	4.5	2.04	99.9
793	1/14/2012 19:31:19	9.32	49.33	32.01	9.34	8.05	4.5	1.94	100.1
794	1/14/2012 19:46:20	9.32	49.43	32.09	9.36	8.11	4.8	1.86	100.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	1/14/2012 20:01:19	9.30	49.31	31.99	9.33	8.05	5.4	1.76	99.9
796	1/14/2012 20:16:19	9.29	49.43	32.08	9.34	8.05	5.1	1.69	100.0
797	1/14/2012 20:31:19	9.29	49.19	31.90	9.43	8.05	5.1	1.65	100.8
798	1/14/2012 20:46:19	9.29	48.99	31.76	9.52	8.06	4.5	1.59	101.7
799	1/14/2012 21:01:20	9.29	49.30	31.99	9.51	8.12	4.0	1.56	101.8
800	1/14/2012 21:16:19	9.25	48.89	31.69	9.55	8.06	3.9	1.56	101.9
801	1/14/2012 21:31:19	9.26	49.00	31.77	9.60	8.07	3.7	1.59	102.5
802	1/14/2012 21:46:19	9.25	49.04	31.80	9.62	8.06	3.7	1.61	102.7
803	1/14/2012 22:01:19	9.25	48.81	31.63	9.65	8.07	3.7	1.65	102.9
804	1/14/2012 22:16:19	9.24	48.98	31.76	9.66	8.07	4.0	1.73	103.1
805	1/14/2012 22:31:19	9.20	48.66	31.52	9.64	8.16	4.3	1.81	102.6
806	1/14/2012 22:46:19	9.12	48.62	31.48	9.56	8.05	5.4	1.88	101.5
807	1/14/2012 23:01:19	9.13	48.65	31.51	9.52	8.04	4.8	1.95	101.2
808	1/14/2012 23:16:19	9.17	48.54	31.43	9.54	8.14	4.6	2.04	101.5
809	1/14/2012 23:31:19	9.26	48.79	31.62	9.49	8.14	4.3	2.13	101.3
810	1/14/2012 23:46:19	9.29	49.21	31.92	9.43	8.05	4.2	2.22	100.8
811	1/15/2012 0:01:19	9.33	49.22	31.93	9.37	8.04	4.0	2.30	100.3
812	1/15/2012 0:16:19	9.37	49.56	32.18	9.33	8.04	3.9	2.40	100.1
813	1/15/2012 0:31:19	9.40	49.48	32.12	9.32	8.04	4.0	2.49	100.0
814	1/15/2012 0:46:19	9.41	49.69	32.28	9.32	8.04	4.3	2.57	100.2
815	1/15/2012 1:01:19	9.42	49.54	32.17	9.31	8.04	4.5	2.67	100.0
816	1/15/2012 1:16:19	9.42	49.72	32.30	9.29	8.14	4.9	2.76	99.9
817	1/15/2012 1:31:19	9.42	49.76	32.32	9.28	8.04	5.3	2.85	99.8
818	1/15/2012 1:46:19	9.42	49.72	32.30	9.27	8.04	5.4	2.94	99.7
819	1/15/2012 2:01:19	9.42	49.91	32.44	9.24	8.13	6.3	3.03	99.4
820	1/15/2012 2:16:19	9.42	50.10	32.57	9.21	8.03	6.4	3.12	99.2
821	1/15/2012 2:31:19	9.42	50.12	32.59	9.19	8.03	6.7	3.21	99.0
822	1/15/2012 2:46:19	9.42	50.37	32.77	9.15	8.12	6.7	3.31	98.7
823	1/15/2012 3:01:20	9.42	50.65	32.97	9.10	8.08	6.5	3.38	98.3
824	1/15/2012 3:16:19	9.42	50.61	32.94	9.09	8.02	6.6	3.46	98.1
825	1/15/2012 3:31:19	9.41	50.64	32.96	9.08	8.02	5.8	3.53	98.1
826	1/15/2012 3:46:20	9.41	50.90	33.15	9.05	8.08	5.1	3.58	97.8
827	1/15/2012 4:01:19	9.41	50.72	33.02	9.01	8.01	5.1	3.62	97.3
828	1/15/2012 4:16:19	9.40	50.68	32.99	9.01	8.01	4.4	3.65	97.3
829	1/15/2012 4:31:19	9.36	50.32	32.73	9.06	8.02	4.9	3.64	97.5
830	1/15/2012 4:46:19	9.40	50.76	33.05	9.02	8.01	5.0	3.62	97.4
831	1/15/2012 5:01:19	9.36	50.70	33.00	9.06	8.02	5.1	3.57	97.7
832	1/15/2012 5:16:19	9.38	50.70	33.00	9.03	8.01	5.6	3.51	97.4
833	1/15/2012 5:31:19	9.26	50.59	32.91	9.10	8.02	6.1	3.43	97.9
834	1/15/2012 5:46:19	9.28	50.67	32.97	9.11	8.02	4.8	3.34	98.0
835	1/15/2012 6:01:19	9.27	50.66	32.96	9.11	8.02	4.7	3.25	98.0
836	1/15/2012 6:16:19	9.25	50.63	32.94	9.09	8.02	4.5	3.16	97.8
837	1/15/2012 6:31:19	9.23	50.31	32.71	9.10	8.03	5.3	3.05	97.7
838	1/15/2012 6:46:19	9.22	49.98	32.47	9.09	8.03	5.2	2.96	97.5
839	1/15/2012 7:01:20	9.19	50.19	32.62	9.05	8.07	4.8	2.85	97.0
840	1/15/2012 7:16:19	9.19	49.95	32.45	9.06	8.03	5.4	2.76	97.0
841	1/15/2012 7:31:19	9.19	50.06	32.53	9.08	8.03	4.7	2.68	97.2
842	1/15/2012 7:46:19	9.16	50.07	32.53	9.10	8.02	5.3	2.56	97.4
843	1/15/2012 8:01:19	9.12	49.89	32.40	9.12	8.03	5.1	2.48	97.5
844	1/15/2012 8:16:19	9.07	49.92	32.41	9.12	8.03	5.1	2.37	97.4
845	1/15/2012 8:31:19	9.04	49.66	32.23	9.14	8.03	5.4	2.28	97.4
846	1/15/2012 8:46:19	8.90	50.08	32.52	9.15	8.02	5.3	2.19	97.4
847	1/15/2012 9:01:19	8.98	49.56	32.15	9.23	8.04	5.4	2.11	98.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
848	1/15/2012 9:16:19	8.92	49.72	32.26	9.27	8.04	5.1	2.01	98.6
849	1/15/2012 9:31:19	8.95	49.39	32.02	9.30	8.05	5.3	1.93	98.8
850	1/15/2012 9:46:19	8.92	49.44	32.06	9.35	8.05	4.8	1.90	99.3
851	1/15/2012 10:01:19	8.93	49.10	31.81	9.37	8.05	4.8	1.85	99.3
852	1/15/2012 10:16:19	8.92	49.33	31.98	9.34	8.05	4.8	1.81	99.1
853	1/15/2012 10:31:19	8.93	49.25	31.92	9.25	8.04	4.9	1.78	98.2
854	1/15/2012 10:46:19	8.97	49.08	31.80	9.27	8.04	5.1	1.81	98.3
855	1/15/2012 11:01:19	8.96	49.15	31.85	9.27	8.04	4.7	1.82	98.4
856	1/15/2012 11:16:19	8.97	49.12	31.83	9.27	8.04	4.7	1.85	98.4
857	1/15/2012 11:31:19	9.01	49.13	31.85	9.26	8.04	4.9	1.91	98.4
858	1/15/2012 11:46:19	9.03	49.08	31.80	9.25	8.04	4.9	1.97	98.3
859	1/15/2012 12:01:19	8.94	49.06	31.78	9.24	8.03	6.4	2.04	98.0
860	1/15/2012 12:16:19	8.91	48.81	31.61	9.22	8.03	6.6	2.09	97.5
861	1/15/2012 12:31:19	8.93	49.06	31.78	9.20	8.03	6.9	2.18	97.6
862	1/15/2012 12:46:19	8.99	49.00	31.75	9.21	8.03	6.2	2.26	97.8
863	1/15/2012 13:01:19	9.01	49.28	31.95	9.18	8.03	6.0	2.29	97.6
864	1/15/2012 13:16:19	9.04	49.37	32.02	9.17	8.03	5.7	2.37	97.7
865	1/15/2012 13:31:19	9.11	49.48	32.10	9.18	8.03	5.4	2.44	97.9
866	1/15/2012 13:46:19	9.18	49.74	32.30	9.19	8.03	5.0	2.49	98.3
867	1/15/2012 14:01:19	9.24	49.86	32.38	9.21	8.03	4.7	2.55	98.7
868	1/15/2012 14:16:19	9.26	49.80	32.34	9.21	8.03	4.3	2.60	98.7
869	1/15/2012 14:31:19	9.27	49.84	32.37	9.21	8.04	4.4	2.66	98.8
870	1/15/2012 14:46:19	9.28	49.72	32.29	9.22	8.04	4.3	2.71	98.8
871	1/15/2012 15:01:19	9.29	49.71	32.28	9.21	8.03	4.2	2.76	98.8
872	1/15/2012 15:16:19	9.32	50.04	32.52	9.21	8.03	4.3	2.81	99.0
873	1/15/2012 15:31:20	9.32	50.11	32.57	9.20	8.09	4.0	2.85	98.9
874	1/15/2012 15:46:19	9.32	50.08	32.55	9.18	8.03	3.9	2.89	98.6
875	1/15/2012 16:01:19	9.32	50.11	32.57	9.18	8.03	4.2	2.92	98.6
876	1/15/2012 16:16:19	9.32	49.95	32.45	9.18	8.03	4.1	2.96	98.6
877	1/15/2012 16:31:19	9.32	50.10	32.56	9.13	8.03	3.4	2.97	98.1
878	1/15/2012 16:46:19	9.34	49.96	32.46	9.15	8.03	3.6	2.98	98.3
879	1/15/2012 17:01:19	9.32	49.88	32.40	9.15	8.03	3.8	2.94	98.2
880	1/15/2012 17:16:19	9.31	50.07	32.54	9.17	8.03	4.0	2.91	98.5
881	1/15/2012 17:31:19	9.15	50.07	32.53	9.33	8.06	4.5	2.89	99.9
882	1/15/2012 17:46:19	9.18	50.02	32.50	9.25	8.05	4.8	2.83	99.1
883	1/15/2012 18:01:19	9.11	49.97	32.45	9.23	8.05	5.1	2.78	98.7
884	1/15/2012 18:16:19	9.08	49.91	32.41	9.18	8.04	4.8	2.71	98.1
885	1/15/2012 18:31:19	9.04	49.89	32.39	9.16	8.04	5.1	2.65	97.7
886	1/15/2012 18:46:19	9.05	50.07	32.52	9.16	8.04	7.0	2.56	97.9
887	1/15/2012 19:01:19	8.95	49.90	32.39	9.18	8.04	9.4	2.47	97.8
888	1/15/2012 19:16:19	8.90	49.85	32.35	9.20	8.05	7.8	2.40	97.8
889	1/15/2012 19:31:19	8.82	49.64	32.20	9.20	8.04	7.8	2.31	97.5
890	1/15/2012 19:46:19	8.78	49.68	32.22	9.18	8.05	7.6	2.25	97.3
891	1/15/2012 20:01:20	8.74	49.67	32.21	9.20	8.09	8.3	2.17	97.4
892	1/15/2012 20:16:19	8.79	49.36	31.99	9.26	8.05	8.4	2.12	98.0
893	1/15/2012 20:31:19	8.78	49.39	32.01	9.31	8.05	7.9	2.02	98.5
894	1/15/2012 20:46:19	8.68	49.36	31.98	9.33	8.06	8.0	1.98	98.4
895	1/15/2012 21:01:19	8.78	48.98	31.72	9.41	8.14	9.0	1.89	99.4
896	1/15/2012 21:16:19	8.74	49.17	31.85	9.41	8.14	9.0	1.87	99.4
897	1/15/2012 21:31:19	8.76	49.12	31.81	9.50	8.07	9.9	1.83	100.3
898	1/15/2012 21:46:19	8.73	49.18	31.86	9.53	8.08	10.0	1.79	100.7
899	1/15/2012 22:01:19	8.73	49.03	31.75	9.57	8.08	10.6	1.79	101.0
900	1/15/2012 22:16:19	8.74	48.99	31.72	9.50	8.15	9.1	1.77	100.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
901	1/15/2012 22:31:19	8.74	49.09	31.79	9.52	8.08	9.0	1.83	100.5
902	1/15/2012 22:46:19	8.71	49.23	31.89	9.46	8.07	8.4	1.83	99.9
903	1/15/2012 23:01:19	8.69	49.19	31.86	9.44	8.07	8.9	1.91	99.6
904	1/15/2012 23:16:19	8.70	49.25	31.90	9.41	8.06	8.5	1.99	99.3
905	1/15/2012 23:31:19	8.58	48.87	31.62	9.46	8.06	8.5	2.06	99.4
906	1/15/2012 23:46:19	8.62	48.80	31.57	9.44	8.06	8.0	2.12	99.2
907	1/16/2012 0:01:19	8.64	48.81	31.59	9.42	8.05	7.8	2.18	99.1
908	1/16/2012 0:16:19	8.73	49.00	31.72	9.35	8.05	7.3	2.26	98.6
909	1/16/2012 0:31:19	8.81	49.23	31.90	9.28	8.05	6.8	2.36	98.2
910	1/16/2012 0:46:19	8.90	49.45	32.07	9.25	8.05	6.3	2.42	98.2
911	1/16/2012 1:01:19	8.98	49.51	32.11	9.25	8.05	5.6	2.50	98.4
912	1/16/2012 1:16:19	9.01	49.76	32.29	9.27	8.05	5.2	2.60	98.7
913	1/16/2012 1:31:20	9.04	49.93	32.42	9.28	8.09	5.3	2.69	99.0
914	1/16/2012 1:46:19	9.05	49.67	32.23	9.26	8.05	5.5	2.76	98.8
915	1/16/2012 2:01:19	9.06	49.85	32.37	9.26	8.05	5.8	2.83	98.9
916	1/16/2012 2:16:19	9.09	49.80	32.33	9.24	8.04	6.7	2.93	98.7
917	1/16/2012 2:31:19	9.11	49.95	32.44	9.22	8.04	7.2	3.04	98.5
918	1/16/2012 2:46:19	9.10	50.14	32.58	9.21	8.03	8.3	3.12	98.6
919	1/16/2012 3:01:19	9.09	50.33	32.72	9.24	8.03	7.7	3.20	98.9
920	1/16/2012 3:16:19	9.10	50.20	32.62	9.32	8.03	7.2	3.31	99.8
921	1/16/2012 3:31:19	9.11	50.60	32.91	9.44	8.03	6.8	3.38	101.2
922	1/16/2012 3:46:19	9.11	50.69	32.98	9.54	8.03	7.2	3.45	102.4
923	1/16/2012 4:01:19	9.16	50.88	33.11	9.64	8.03	6.4	3.53	103.6
924	1/16/2012 4:16:20	9.17	50.97	33.18	9.66	8.08	6.5	3.60	103.9
925	1/16/2012 4:31:20	9.17	51.10	33.28	9.64	8.08	6.0	3.65	103.7
926	1/16/2012 4:46:19	9.18	50.76	33.03	9.60	8.03	5.5	3.70	103.2
927	1/16/2012 5:01:19	9.18	50.80	33.06	9.58	8.03	5.0	3.69	103.0
928	1/16/2012 5:16:19	9.12	50.92	33.14	9.52	8.03	5.8	3.69	102.2
929	1/16/2012 5:31:19	9.15	50.93	33.15	9.58	8.03	5.9	3.69	102.9
930	1/16/2012 5:46:19	9.13	50.68	32.97	9.59	8.03	6.1	3.66	102.9
931	1/16/2012 6:01:19	9.12	51.06	33.24	9.56	8.02	6.3	3.59	102.7
932	1/16/2012 6:16:19	8.88	50.30	32.68	9.27	8.02	5.3	3.52	98.8
933	1/16/2012 6:31:19	8.86	50.62	32.91	9.42	8.03	4.8	3.44	100.5
934	1/16/2012 6:46:19	8.81	50.57	32.86	9.37	8.03	4.7	3.35	99.7
935	1/16/2012 7:01:19	8.78	50.20	32.60	9.21	8.03	5.4	3.26	97.8
936	1/16/2012 7:16:19	8.77	49.93	32.40	9.19	8.11	5.3	3.17	97.4
937	1/16/2012 7:31:19	8.75	50.27	32.65	9.15	8.03	5.4	3.07	97.2
938	1/16/2012 7:46:19	8.74	50.22	32.60	9.14	8.03	5.5	2.96	97.0
939	1/16/2012 8:01:19	8.72	50.19	32.58	9.10	8.03	4.8	2.86	96.5
940	1/16/2012 8:16:19	8.70	50.03	32.47	9.13	8.03	4.7	2.77	96.7
941	1/16/2012 8:31:19	8.69	50.17	32.57	9.16	8.03	4.5	2.66	97.1
942	1/16/2012 8:46:19	8.62	49.76	32.27	9.23	8.04	5.6	2.57	97.4
943	1/16/2012 9:01:19	8.59	49.94	32.39	9.27	8.04	6.2	2.46	97.9
944	1/16/2012 9:16:19	8.54	49.64	32.17	9.34	8.05	5.1	2.37	98.5
945	1/16/2012 9:31:19	8.51	49.57	32.12	9.45	8.13	4.9	2.25	99.5
946	1/16/2012 9:46:19	8.47	49.55	32.10	9.56	8.13	5.0	2.17	100.5
947	1/16/2012 10:01:19	8.43	49.72	32.22	9.59	8.08	4.9	2.06	100.9
948	1/16/2012 10:16:19	8.39	49.48	32.04	9.61	8.08	4.9	1.97	100.8
949	1/16/2012 10:31:19	8.37	49.28	31.90	9.71	8.09	4.7	1.88	101.8
950	1/16/2012 10:46:19	8.40	49.42	32.00	9.74	8.09	4.6	1.82	102.2
951	1/16/2012 11:01:19	8.39	49.38	31.97	9.71	8.09	5.0	1.73	101.8
952	1/16/2012 11:16:19	8.37	49.27	31.89	9.67	8.09	4.9	1.68	101.3
953	1/16/2012 11:31:19	8.35	49.19	31.83	9.71	8.09	5.0	1.68	101.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
954	1/16/2012 11:46:19	8.27	49.21	31.84	9.56	8.08	5.0	1.67	99.9
955	1/16/2012 12:01:19	8.31	49.29	31.90	9.57	8.08	4.7	1.65	100.1
956	1/16/2012 12:16:19	8.31	49.05	31.73	9.52	8.08	4.5	1.69	99.4
957	1/16/2012 12:31:19	8.27	49.16	31.81	9.45	8.07	4.7	1.74	98.8
958	1/16/2012 12:46:19	8.25	49.31	31.91	9.40	8.07	5.0	1.79	98.3
959	1/16/2012 13:01:19	8.22	48.73	31.49	9.42	8.06	5.4	1.86	98.2
960	1/16/2012 13:16:19	8.10	48.89	31.60	9.38	8.06	6.3	1.94	97.5
961	1/16/2012 13:31:19	8.10	48.70	31.46	9.36	8.05	5.9	1.99	97.2
962	1/16/2012 13:46:19	8.15	48.92	31.62	9.33	8.06	5.8	2.06	97.1
963	1/16/2012 14:01:20	8.22	49.29	31.90	9.30	8.08	5.6	2.12	97.1
964	1/16/2012 14:16:19	8.26	49.06	31.73	9.29	8.06	5.1	2.18	97.0
965	1/16/2012 14:31:19	8.30	49.15	31.80	9.28	8.05	5.0	2.24	97.0
966	1/16/2012 14:46:19	8.40	49.39	31.98	9.23	8.05	4.9	2.29	96.8
967	1/16/2012 15:01:19	8.54	49.37	31.98	9.23	8.05	4.5	2.36	97.1
968	1/16/2012 15:16:19	8.65	49.50	32.08	9.25	8.12	4.4	2.43	97.6
969	1/16/2012 15:31:19	8.70	49.72	32.24	9.24	8.05	4.0	2.46	97.7
970	1/16/2012 15:46:19	8.72	49.62	32.18	9.25	8.05	4.1	2.54	97.8
971	1/16/2012 16:01:19	8.75	49.35	31.98	9.28	8.12	3.9	2.58	98.1
972	1/16/2012 16:16:19	8.76	49.67	32.21	9.29	8.12	3.8	2.62	98.3
973	1/16/2012 16:31:19	8.77	49.82	32.32	9.28	8.05	3.6	2.68	98.4
974	1/16/2012 16:46:19	8.78	49.48	32.07	9.29	8.12	3.7	2.72	98.4
975	1/16/2012 17:01:19	8.79	49.83	32.33	9.26	8.05	3.6	2.76	98.3
976	1/16/2012 17:16:19	8.80	49.88	32.36	9.25	8.05	3.5	2.80	98.1
977	1/16/2012 17:31:19	8.81	49.86	32.35	9.24	8.04	3.6	2.82	98.1
978	1/16/2012 17:46:19	8.82	49.90	32.38	9.23	8.04	3.8	2.84	98.0
979	1/16/2012 18:01:19	8.70	49.93	32.39	9.25	8.05	3.7	2.83	97.9
980	1/16/2012 18:16:19	8.75	49.41	32.02	9.18	8.12	3.4	2.84	97.1
981	1/16/2012 18:31:19	8.76	49.93	32.40	9.16	8.04	3.5	2.84	97.1
982	1/16/2012 18:46:19	8.67	49.99	32.44	9.16	8.04	3.7	2.79	96.9
983	1/16/2012 19:01:19	8.59	49.97	32.41	9.18	8.05	4.0	2.74	97.0
984	1/16/2012 19:16:19	8.31	49.67	32.17	9.40	8.08	4.1	2.70	98.6
985	1/16/2012 19:31:19	8.37	49.39	31.98	9.49	8.08	4.0	2.64	99.5
986	1/16/2012 19:46:19	8.62	49.51	32.08	9.44	8.15	4.4	2.57	99.5
987	1/16/2012 20:01:19	8.69	49.23	31.89	9.63	8.17	4.1	2.49	101.6
988	1/16/2012 20:16:19	8.56	49.38	31.98	9.68	8.17	4.2	2.44	101.9
989	1/16/2012 20:31:19	8.38	49.73	32.22	9.60	8.10	4.1	2.38	100.8
990	1/16/2012 20:46:20	8.26	49.74	32.22	9.43	8.11	4.0	2.30	98.8
991	1/16/2012 21:01:19	8.27	49.45	32.01	9.53	8.09	4.0	2.25	99.7
992	1/16/2012 21:16:19	8.20	49.22	31.84	9.48	8.08	4.3	2.20	98.9
993	1/16/2012 21:31:19	8.06	49.31	31.89	9.40	8.07	4.2	2.14	97.8
994	1/16/2012 21:46:19	8.00	49.24	31.84	9.35	8.07	4.3	2.09	97.1
995	1/16/2012 22:01:19	7.95	49.22	31.82	9.37	8.07	4.3	2.07	97.2
996	1/16/2012 22:16:19	7.96	49.24	31.84	9.35	8.07	4.3	2.05	97.1
997	1/16/2012 22:31:19	7.96	49.33	31.90	9.34	8.07	4.2	2.01	97.0
998	1/16/2012 22:46:20	7.95	49.39	31.94	9.30	8.09	4.0	2.02	96.5
999	1/16/2012 23:01:19	7.95	49.28	31.86	9.33	8.07	4.2	2.02	96.8
1000	1/16/2012 23:16:20	7.96	49.46	31.99	9.36	8.09	4.0	2.04	97.2
1001	1/16/2012 23:31:19	7.98	49.17	31.78	9.34	8.07	4.1	2.06	96.9
1002	1/16/2012 23:46:19	8.06	49.32	31.90	9.36	8.07	3.9	2.10	97.4
1003	1/17/2012 0:01:19	8.10	49.19	31.81	9.39	8.07	4.2	2.16	97.7
1004	1/17/2012 0:16:19	8.17	49.44	32.00	9.37	8.07	4.0	2.19	97.7
1005	1/17/2012 0:31:19	7.99	49.22	31.82	9.41	8.07	4.8	2.26	97.6
1006	1/17/2012 0:46:19	8.12	49.07	31.73	9.40	8.07	4.4	2.32	97.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1007	1/17/2012 1:01:19	8.20	49.49	32.04	9.36	8.07	4.2	2.38	97.8
1008	1/17/2012 1:16:19	8.27	49.52	32.06	9.39	8.07	4.2	2.48	98.3
1009	1/17/2012 1:31:19	8.40	49.65	32.17	9.36	8.07	4.0	2.53	98.3
1010	1/17/2012 1:46:19	8.51	49.73	32.23	9.28	8.05	3.8	2.61	97.7
1011	1/17/2012 2:01:19	8.52	49.79	32.28	9.26	8.05	3.9	2.68	97.6
1012	1/17/2012 2:16:19	8.56	49.96	32.40	9.25	8.05	3.9	2.75	97.6
1013	1/17/2012 2:31:19	8.59	50.04	32.47	9.24	8.05	4.0	2.83	97.6
1014	1/17/2012 2:46:19	8.61	50.04	32.47	9.23	8.04	4.3	2.91	97.6
1015	1/17/2012 3:01:19	8.66	50.12	32.53	9.24	8.04	4.5	2.99	97.8
1016	1/17/2012 3:16:19	8.70	49.79	32.29	9.29	8.11	4.8	3.07	98.4
1017	1/17/2012 3:31:19	8.74	50.19	32.58	9.32	8.04	5.3	3.15	98.9
1018	1/17/2012 3:46:19	8.78	50.49	32.80	9.40	8.04	6.7	3.24	100.0
1019	1/17/2012 4:01:19	8.78	50.66	32.93	9.45	8.03	6.8	3.32	100.5
1020	1/17/2012 4:16:19	8.78	50.84	33.06	9.47	8.03	7.0	3.41	100.8
1021	1/17/2012 4:31:19	8.79	50.94	33.13	9.48	8.03	6.9	3.48	101.1
1022	1/17/2012 4:46:19	8.84	50.83	33.05	9.51	8.03	7.2	3.54	101.4
1023	1/17/2012 5:01:19	8.83	50.81	33.04	9.51	8.03	6.8	3.61	101.4
1024	1/17/2012 5:16:19	8.81	50.92	33.12	9.47	8.03	5.4	3.66	100.9
1025	1/17/2012 5:31:19	8.82	50.96	33.15	9.45	8.02	5.3	3.70	100.9
1026	1/17/2012 5:46:19	8.81	50.92	33.12	9.42	8.02	4.7	3.72	100.4
1027	1/17/2012 6:01:19	8.61	50.78	33.00	9.36	8.03	4.9	3.74	99.3
1028	1/17/2012 6:16:19	8.78	50.48	32.80	9.41	8.10	5.6	3.72	100.0
1029	1/17/2012 6:31:19	8.75	50.97	33.15	9.41	8.02	5.9	3.68	100.2
1030	1/17/2012 6:46:19	8.80	50.96	33.15	9.42	8.02	5.6	3.64	100.4
1031	1/17/2012 7:01:19	8.57	50.79	33.00	9.39	8.03	5.5	3.57	99.5
1032	1/17/2012 7:16:19	8.38	50.60	32.85	9.34	8.03	4.8	3.50	98.4
1033	1/17/2012 7:31:19	8.48	50.54	32.81	9.40	8.03	4.5	3.40	99.3
1034	1/17/2012 7:46:19	8.39	50.43	32.73	9.34	8.03	4.4	3.31	98.5
1035	1/17/2012 8:01:19	8.34	50.39	32.70	9.31	8.04	5.2	3.22	98.0
1036	1/17/2012 8:16:19	8.31	50.17	32.54	9.29	8.04	4.5	3.11	97.6
1037	1/17/2012 8:31:19	8.23	50.03	32.43	9.29	8.04	4.3	3.02	97.3
1038	1/17/2012 8:46:19	8.03	49.98	32.37	9.29	8.04	4.1	2.92	96.8
1039	1/17/2012 9:01:19	8.19	49.98	32.39	9.28	8.04	4.2	2.81	97.2
1040	1/17/2012 9:16:19	8.21	49.75	32.22	9.36	8.05	4.0	2.72	97.9
1041	1/17/2012 9:31:19	8.28	50.11	32.49	9.39	8.05	4.6	2.61	98.5
1042	1/17/2012 9:46:19	8.29	49.99	32.40	9.50	8.06	4.2	2.50	99.7
1043	1/17/2012 10:01:19	8.25	50.27	32.60	9.61	8.06	4.2	2.39	100.8
1044	1/17/2012 10:16:20	8.22	50.32	32.63	9.70	8.09	4.6	2.28	101.8
1045	1/17/2012 10:31:19	8.08	49.81	32.25	9.83	8.09	4.5	2.17	102.6
1046	1/17/2012 10:46:19	7.91	49.66	32.13	9.82	8.09	4.7	2.05	102.0
1047	1/17/2012 11:01:19	7.90	49.76	32.20	9.96	8.11	5.0	1.93	103.4
1048	1/17/2012 11:16:20	7.88	49.76	32.20	10.00	8.12	5.3	1.83	103.8
1049	1/17/2012 11:31:20	7.88	49.76	32.20	9.96	8.12	5.6	1.73	103.4
1050	1/17/2012 11:46:20	7.79	49.68	32.13	9.89	8.12	7.0	1.64	102.4
1051	1/17/2012 12:01:19	7.71	49.48	31.98	9.89	8.12	7.5	1.57	102.1
1052	1/17/2012 12:16:19	7.59	49.45	31.95	9.92	8.13	6.0	1.53	102.1
1053	1/17/2012 12:31:19	7.57	49.37	31.89	9.91	8.13	5.7	1.49	101.9
1054	1/17/2012 12:46:19	7.57	49.45	31.95	9.90	8.13	5.0	1.47	101.8
1055	1/17/2012 13:01:19	7.58	49.39	31.90	9.92	8.13	5.0	1.48	102.1
1056	1/17/2012 13:16:19	7.56	49.33	31.86	9.89	8.12	4.3	1.51	101.8
1057	1/17/2012 13:31:19	7.56	49.26	31.81	9.86	8.12	4.5	1.55	101.4
1058	1/17/2012 13:46:19	7.59	49.27	31.82	9.84	8.11	5.0	1.61	101.2
1059	1/17/2012 14:01:19	7.56	48.99	31.62	9.83	8.11	5.9	1.67	101.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	1/17/2012 14:16:19	7.29	48.72	31.40	9.83	8.10	6.7	1.72	100.1
1061	1/17/2012 14:31:19	7.33	48.95	31.57	9.78	8.10	5.6	1.80	99.9
1062	1/17/2012 14:46:19	7.25	48.57	31.29	9.79	8.10	5.9	1.86	99.6
1063	1/17/2012 15:01:19	7.38	49.03	31.63	9.71	8.10	5.3	1.91	99.3
1064	1/17/2012 15:16:19	7.50	49.28	31.82	9.67	8.09	5.0	1.98	99.3
1065	1/17/2012 15:31:19	7.49	49.18	31.75	9.67	8.09	5.0	2.04	99.2
1066	1/17/2012 15:46:19	7.53	49.27	31.82	9.66	8.09	4.8	2.10	99.3
1067	1/17/2012 16:01:20	7.69	49.58	32.05	9.55	8.08	4.3	2.17	98.6
1068	1/17/2012 16:16:19	7.85	49.55	32.05	9.50	8.08	4.1	2.23	98.4
1069	1/17/2012 16:31:20	8.00	49.92	32.33	9.46	8.08	3.9	2.30	98.6
1070	1/17/2012 16:46:20	8.04	49.78	32.23	9.44	8.08	4.2	2.37	98.4
1071	1/17/2012 17:01:20	8.04	49.81	32.25	9.44	8.08	4.1	2.43	98.4
1072	1/17/2012 17:16:19	8.04	49.68	32.16	9.44	8.07	3.9	2.49	98.3
1073	1/17/2012 17:31:19	8.08	49.73	32.20	9.44	8.07	4.0	2.56	98.5
1074	1/17/2012 17:46:20	8.12	49.98	32.38	9.41	8.08	3.8	2.61	98.3
1075	1/17/2012 18:01:20	8.15	50.15	32.50	9.36	8.08	3.8	2.66	98.0
1076	1/17/2012 18:16:20	8.20	50.03	32.42	9.36	8.07	3.7	2.71	98.0
1077	1/17/2012 18:31:19	8.21	49.70	32.19	9.37	8.06	3.8	2.74	98.0
1078	1/17/2012 18:46:19	8.25	50.04	32.43	9.35	8.05	3.6	2.78	98.0
1079	1/17/2012 19:01:19	8.25	50.13	32.50	9.34	8.05	3.6	2.79	98.0
1080	1/17/2012 19:16:19	8.24	50.02	32.42	9.32	8.05	3.7	2.81	97.7
1081	1/17/2012 19:31:20	8.16	50.21	32.55	9.23	8.07	3.6	2.82	96.6
1082	1/17/2012 19:46:19	8.25	50.00	32.41	9.20	8.04	3.6	2.80	96.4
1083	1/17/2012 20:01:20	8.12	50.06	32.44	9.29	8.07	4.0	2.80	97.2
1084	1/17/2012 20:16:19	8.11	50.14	32.50	9.33	8.06	3.7	2.78	97.6
1085	1/17/2012 20:31:20	8.03	49.95	32.35	9.40	8.08	3.9	2.72	98.0
1086	1/17/2012 20:46:19	7.92	49.88	32.29	9.43	8.07	4.3	2.68	98.0
1087	1/17/2012 21:01:20	8.03	50.11	32.46	9.36	8.07	4.0	2.65	97.7
1088	1/17/2012 21:16:20	8.01	50.03	32.41	9.32	8.06	4.2	2.57	97.1
1089	1/17/2012 21:31:19	7.95	49.75	32.20	9.33	8.05	4.5	2.51	97.0
1090	1/17/2012 21:46:19	7.88	49.56	32.06	9.37	8.05	4.4	2.48	97.2
1091	1/17/2012 22:01:19	7.83	49.96	32.34	9.37	8.06	4.3	2.42	97.3
1092	1/17/2012 22:16:19	7.79	49.79	32.21	9.41	8.06	4.5	2.35	97.5
1093	1/17/2012 22:31:20	7.75	49.94	32.32	9.38	8.07	5.0	2.32	97.2
1094	1/17/2012 22:46:19	7.73	49.67	32.13	9.44	8.07	5.0	2.28	97.6
1095	1/17/2012 23:01:20	7.70	49.81	32.22	9.45	8.08	4.6	2.24	97.7
1096	1/17/2012 23:16:19	7.69	49.62	32.08	9.45	8.08	4.3	2.21	97.6
1097	1/17/2012 23:31:19	7.70	49.64	32.10	9.47	8.08	4.3	2.19	97.9
1098	1/17/2012 23:46:19	7.69	49.59	32.06	9.48	8.08	4.2	2.19	97.9
1099	1/18/2012 0:01:19	7.71	49.55	32.04	9.51	8.08	4.2	2.19	98.3
1100	1/18/2012 0:16:19	7.73	49.61	32.08	9.51	8.08	4.1	2.20	98.3
1101	1/18/2012 0:31:19	7.76	49.59	32.07	9.48	8.07	3.7	2.22	98.1
1102	1/18/2012 0:46:20	7.80	49.86	32.26	9.46	8.07	3.7	2.26	98.0
1103	1/18/2012 1:01:19	7.84	49.72	32.17	9.43	8.07	3.7	2.30	97.8
1104	1/18/2012 1:16:19	7.88	49.82	32.24	9.43	8.06	3.9	2.34	97.9
1105	1/18/2012 1:31:19	7.92	49.69	32.15	9.43	8.06	4.0	2.39	97.9
1106	1/18/2012 1:46:20	7.93	49.92	32.32	9.41	8.06	4.5	2.45	97.9
1107	1/18/2012 2:01:19	7.94	49.93	32.33	9.40	8.06	4.3	2.52	97.8
1108	1/18/2012 2:16:19	7.98	49.67	32.15	9.42	8.06	4.2	2.56	98.0
1109	1/18/2012 2:31:19	8.03	50.11	32.46	9.40	8.06	4.2	2.63	98.1
1110	1/18/2012 2:46:19	8.14	49.76	32.22	9.42	8.06	3.9	2.70	98.4
1111	1/18/2012 3:01:19	8.16	50.02	32.41	9.41	8.06	3.9	2.75	98.4
1112	1/18/2012 3:16:19	8.19	49.69	32.18	9.43	8.05	4.2	2.84	98.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1113	1/18/2012 3:31:19	8.22	49.88	32.32	9.42	8.05	4.4	2.91	98.7
1114	1/18/2012 3:46:19	8.30	50.26	32.59	9.42	8.05	4.6	2.96	99.0
1115	1/18/2012 4:01:20	8.38	50.49	32.77	9.41	8.06	4.7	3.06	99.2
1116	1/18/2012 4:16:20	8.45	50.52	32.80	9.39	8.06	6.2	3.14	99.2
1117	1/18/2012 4:31:19	8.49	50.63	32.88	9.39	8.04	6.2	3.22	99.3
1118	1/18/2012 4:46:19	8.55	50.73	32.96	9.41	8.04	7.0	3.31	99.7
1119	1/18/2012 5:01:19	8.61	50.72	32.96	9.39	8.04	8.3	3.39	99.5
1120	1/18/2012 5:16:19	8.68	50.94	33.12	9.33	8.03	8.6	3.47	99.2
1121	1/18/2012 5:31:19	8.72	50.91	33.10	9.30	8.03	7.8	3.55	99.0
1122	1/18/2012 5:46:19	8.72	51.07	33.22	9.27	8.03	7.5	3.62	98.8
1123	1/18/2012 6:01:19	8.74	50.93	33.12	9.24	8.03	6.7	3.69	98.4
1124	1/18/2012 6:16:19	8.77	51.11	33.25	9.18	8.03	6.2	3.74	97.9
1125	1/18/2012 6:31:19	8.62	50.87	33.06	9.21	8.03	5.3	3.78	97.8
1126	1/18/2012 6:46:19	8.76	51.03	33.19	9.14	8.02	5.0	3.80	97.5
1127	1/18/2012 7:01:19	8.57	50.83	33.03	9.23	8.03	5.3	3.82	97.8
1128	1/18/2012 7:16:19	8.71	50.98	33.15	9.16	8.02	5.9	3.81	97.5
1129	1/18/2012 7:31:19	8.76	51.01	33.18	9.14	8.02	5.8	3.77	97.4
1130	1/18/2012 7:46:19	8.63	50.84	33.04	9.24	8.03	5.2	3.73	98.0
1131	1/18/2012 8:01:19	8.59	50.80	33.01	9.30	8.03	5.1	3.66	98.6
1132	1/18/2012 8:16:19	8.58	50.79	33.01	9.32	8.03	4.7	3.59	98.8
1133	1/18/2012 8:31:19	8.40	50.56	32.83	9.39	8.03	5.5	3.50	99.1
1134	1/18/2012 8:46:19	8.37	50.42	32.72	9.41	8.04	4.5	3.42	99.1
1135	1/18/2012 9:01:19	8.38	50.34	32.66	9.39	8.04	5.0	3.33	98.9
1136	1/18/2012 9:16:19	8.36	50.37	32.68	9.43	8.04	5.1	3.21	99.3
1137	1/18/2012 9:31:19	8.41	50.36	32.68	9.43	8.04	6.1	3.11	99.4
1138	1/18/2012 9:46:20	8.41	50.55	32.82	9.43	8.05	6.1	3.01	99.5
1139	1/18/2012 10:01:19	8.27	50.06	32.45	9.46	8.05	5.5	2.90	99.2
1140	1/18/2012 10:16:19	8.26	50.31	32.63	9.47	8.05	5.8	2.78	99.5
1141	1/18/2012 10:31:19	8.32	50.36	32.67	9.49	8.05	5.7	2.67	99.8
1142	1/18/2012 10:46:19	8.35	50.20	32.56	9.54	8.05	6.7	2.56	100.3
1143	1/18/2012 11:01:19	8.32	50.24	32.59	9.56	8.05	7.2	2.43	100.5
1144	1/18/2012 11:16:19	8.16	49.86	32.30	9.62	8.05	8.4	2.31	100.6
1145	1/18/2012 11:31:19	8.09	50.05	32.43	9.63	8.06	8.5	2.18	100.6
1146	1/18/2012 11:46:19	8.06	49.69	32.16	9.68	8.07	8.9	2.06	100.9
1147	1/18/2012 12:01:19	7.84	49.28	31.85	9.78	8.08	9.7	1.94	101.2
1148	1/18/2012 12:16:19	7.75	49.27	31.84	9.83	8.09	11.0	1.80	101.6
1149	1/18/2012 12:31:19	7.72	49.24	31.81	9.85	8.10	10.7	1.70	101.6
1150	1/18/2012 12:46:19	7.64	49.11	31.71	9.86	8.11	10.2	1.59	101.5
1151	1/18/2012 13:01:19	7.56	48.86	31.52	9.90	8.12	11.1	1.49	101.6
1152	1/18/2012 13:16:19	7.55	48.99	31.62	9.89	8.12	10.6	1.42	101.5
1153	1/18/2012 13:31:20	7.54	49.01	31.63	9.89	8.12	11.1	1.37	101.6
1154	1/18/2012 13:46:19	7.54	48.88	31.54	9.86	8.12	10.7	1.34	101.2
1155	1/18/2012 14:01:19	7.65	48.91	31.57	9.90	8.12	12.5	1.33	101.8
1156	1/18/2012 14:16:20	7.62	49.09	31.70	9.89	8.12	10.1	1.34	101.7
1157	1/18/2012 14:31:19	7.65	48.83	31.52	9.85	8.11	11.9	1.40	101.3
1158	1/18/2012 14:46:20	7.60	49.08	31.69	9.82	8.10	10.6	1.45	101.0
1159	1/18/2012 15:01:20	7.63	49.04	31.66	9.78	8.09	9.4	1.50	100.6
1160	1/18/2012 15:16:20	7.60	48.67	31.39	9.78	8.09	8.7	1.58	100.3
1161	1/18/2012 15:31:19	7.58	48.10	30.99	9.80	8.08	8.4	1.65	100.3
1162	1/18/2012 15:46:19	7.57	48.26	31.10	9.81	8.08	8.3	1.71	100.4
1163	1/18/2012 16:01:20	7.59	48.70	31.41	9.76	8.08	7.8	1.77	100.1
1164	1/18/2012 16:16:19	7.62	48.47	31.26	9.75	8.08	7.3	1.86	100.0
1165	1/18/2012 16:31:20	7.67	48.75	31.46	9.72	8.07	6.7	1.92	99.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1166	1/18/2012 16:46:19	7.71	48.84	31.53	9.65	8.07	6.6	1.98	99.4
1167	1/18/2012 17:01:20	7.78	49.07	31.69	9.65	8.07	6.5	2.08	99.7
1168	1/18/2012 17:16:19	7.86	48.87	31.56	9.67	8.08	8.1	2.14	99.9
1169	1/18/2012 17:31:19	7.88	48.96	31.63	9.70	8.08	8.9	2.23	100.3
1170	1/18/2012 17:46:19	7.86	49.05	31.69	9.71	8.08	8.7	2.31	100.4
1171	1/18/2012 18:01:19	7.85	49.19	31.79	9.70	8.08	8.9	2.37	100.3
1172	1/18/2012 18:16:19	7.87	49.29	31.86	9.67	8.08	9.4	2.45	100.2
1173	1/18/2012 18:31:20	7.95	49.62	32.11	9.61	8.07	8.2	2.51	99.9
1174	1/18/2012 18:46:20	7.99	49.63	32.12	9.56	8.07	7.6	2.59	99.5
1175	1/18/2012 19:01:19	8.03	49.50	32.03	9.56	8.07	7.5	2.64	99.5
1176	1/18/2012 19:16:19	8.07	49.50	32.03	9.58	8.06	7.3	2.69	99.7
1177	1/18/2012 19:31:20	8.12	49.87	32.30	9.54	8.06	6.8	2.74	99.7
1178	1/18/2012 19:46:20	8.19	49.99	32.40	9.49	8.06	6.4	2.79	99.4
1179	1/18/2012 20:01:20	8.23	50.02	32.42	9.48	8.06	6.0	2.83	99.3
1180	1/18/2012 20:16:19	8.26	50.01	32.41	9.48	8.05	5.5	2.86	99.4
1181	1/18/2012 20:31:19	8.28	50.00	32.41	9.50	8.05	5.3	2.91	99.7
1182	1/18/2012 20:46:19	8.28	50.00	32.41	9.48	8.05	5.4	2.93	99.4
1183	1/18/2012 21:01:20	8.31	50.17	32.53	9.38	8.05	4.7	2.93	98.6
1184	1/18/2012 21:16:19	8.29	49.97	32.39	9.41	8.05	5.2	2.91	98.7
1185	1/18/2012 21:31:19	8.31	49.68	32.18	9.48	8.04	9.8	2.91	99.4
1186	1/18/2012 21:46:19	8.29	49.86	32.31	9.46	8.05	7.4	2.87	99.2
1187	1/18/2012 22:01:19	8.32	49.67	32.18	9.51	8.05	7.1	2.85	99.7
1188	1/18/2012 22:16:20	8.31	49.68	32.18	9.50	8.05	7.3	2.80	99.6
1189	1/18/2012 22:31:20	8.20	49.44	32.00	9.49	8.06	8.7	2.75	99.1
1190	1/18/2012 22:46:20	8.15	49.63	32.13	9.46	8.06	7.0	2.71	98.7
1191	1/18/2012 23:01:20	8.14	49.70	32.18	9.46	8.06	6.6	2.65	98.8
1192	1/18/2012 23:16:20	8.13	49.63	32.13	9.46	8.06	6.5	2.57	98.7
1193	1/18/2012 23:31:19	8.19	49.29	31.89	9.47	8.05	8.0	2.54	98.8
1194	1/18/2012 23:46:19	8.10	49.54	32.06	9.49	8.06	7.2	2.49	99.0
1195	1/19/2012 0:01:19	8.17	49.09	31.75	9.51	8.05	7.9	2.44	99.1
1196	1/19/2012 0:16:19	8.08	49.39	31.95	9.51	8.06	7.0	2.43	99.0
1197	1/19/2012 0:31:19	8.05	49.04	31.70	9.54	8.06	7.2	2.38	99.1
1198	1/19/2012 0:46:19	8.05	49.32	31.90	9.51	8.06	6.6	2.35	98.9
1199	1/19/2012 1:01:19	8.08	49.16	31.79	9.49	8.06	7.2	2.35	98.7
1200	1/19/2012 1:16:20	8.16	49.36	31.94	9.48	8.05	7.6	2.34	98.9
1201	1/19/2012 1:31:20	8.12	49.40	31.96	9.47	8.06	6.6	2.34	98.7
1202	1/19/2012 1:46:20	8.16	49.36	31.94	9.47	8.06	6.8	2.37	98.8
1203	1/19/2012 2:01:20	8.13	49.46	32.01	9.45	8.06	6.4	2.39	98.6
1204	1/19/2012 2:16:20	8.15	49.45	32.00	9.46	8.05	6.3	2.43	98.7
1205	1/19/2012 2:31:19	8.17	49.21	31.83	9.50	8.05	6.8	2.47	99.0
1206	1/19/2012 2:46:20	8.18	49.46	32.01	9.49	8.05	6.4	2.52	99.1
1207	1/19/2012 3:01:20	8.20	49.55	32.08	9.48	8.05	6.3	2.56	99.0
1208	1/19/2012 3:16:20	8.23	49.65	32.15	9.47	8.05	5.9	2.61	99.0
1209	1/19/2012 3:31:20	8.28	49.69	32.19	9.44	8.05	5.9	2.66	98.9
1210	1/19/2012 3:46:19	8.36	49.74	32.23	9.42	8.04	5.9	2.74	98.9
1211	1/19/2012 4:01:19	8.37	49.86	32.32	9.47	8.05	6.1	2.81	99.5
1212	1/19/2012 4:16:19	8.34	49.77	32.25	9.51	8.05	5.9	2.88	99.8
1213	1/19/2012 4:31:19	8.34	49.84	32.30	9.51	8.05	6.4	2.97	99.9
1214	1/19/2012 4:46:19	8.41	49.99	32.41	9.49	8.05	7.2	3.03	99.9
1215	1/19/2012 5:01:19	8.49	50.17	32.55	9.48	8.05	6.6	3.12	100.0
1216	1/19/2012 5:16:19	8.59	50.32	32.66	9.47	8.04	6.5	3.22	100.2
1217	1/19/2012 5:31:19	8.72	50.31	32.67	9.46	8.04	6.7	3.30	100.4
1218	1/19/2012 5:46:20	8.83	50.62	32.90	9.45	8.06	6.9	3.38	100.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1219	1/19/2012 6:01:20	8.94	50.62	32.91	9.42	8.07	7.0	3.47	100.6
1220	1/19/2012 6:16:19	9.04	50.40	32.76	9.45	8.05	6.7	3.55	101.1
1221	1/19/2012 6:31:20	9.09	50.65	32.94	9.44	8.07	6.2	3.61	101.2
1222	1/19/2012 6:46:20	9.17	50.46	32.81	9.45	8.08	5.7	3.69	101.3
1223	1/19/2012 7:01:19	9.22	50.50	32.85	9.44	8.06	5.0	3.73	101.4
1224	1/19/2012 7:16:20	9.24	50.49	32.84	9.44	8.08	4.7	3.78	101.5
1225	1/19/2012 7:31:19	9.24	50.03	32.51	9.44	8.06	4.2	3.82	101.2
1226	1/19/2012 7:46:19	9.24	49.96	32.46	9.45	8.06	4.2	3.84	101.3
1227	1/19/2012 8:01:19	9.23	50.35	32.74	9.40	8.06	4.2	3.86	101.0
1228	1/19/2012 8:16:19	9.11	50.14	32.58	9.37	8.05	4.2	3.85	100.3
1229	1/19/2012 8:31:19	9.10	50.14	32.58	9.41	8.05	4.7	3.83	100.7
1230	1/19/2012 8:46:19	9.15	50.44	32.80	9.41	8.05	5.1	3.79	100.9
1231	1/19/2012 9:01:20	9.15	50.17	32.60	9.45	8.08	4.8	3.72	101.2
1232	1/19/2012 9:16:19	9.08	49.63	32.21	9.48	8.05	4.5	3.66	101.1
1233	1/19/2012 9:31:20	9.16	50.22	32.64	9.47	8.08	4.0	3.56	101.4
1234	1/19/2012 9:46:19	8.90	49.63	32.19	9.46	8.05	4.7	3.47	100.5
1235	1/19/2012 10:01:20	8.78	49.77	32.29	9.48	8.06	6.7	3.37	100.5
1236	1/19/2012 10:16:19	8.90	49.89	32.38	9.46	8.06	7.8	3.27	100.6
1237	1/19/2012 10:31:19	8.82	49.65	32.20	9.49	8.05	6.4	3.15	100.7
1238	1/19/2012 10:46:19	8.81	49.76	32.28	9.50	8.05	6.8	3.03	100.7
1239	1/19/2012 11:01:20	8.78	49.92	32.39	9.48	8.05	6.1	2.94	100.5
1240	1/19/2012 11:16:19	8.77	49.60	32.16	9.46	8.05	7.2	2.80	100.2
1241	1/19/2012 11:31:19	8.75	49.68	32.22	9.51	8.05	7.5	2.68	100.7
1242	1/19/2012 11:46:19	8.76	49.48	32.08	9.54	8.06	7.7	2.55	101.0
1243	1/19/2012 12:01:20	8.84	49.72	32.25	9.52	8.06	7.9	2.42	101.0
1244	1/19/2012 12:16:20	8.68	49.47	32.06	9.52	8.05	9.2	2.29	100.5
1245	1/19/2012 12:31:20	8.67	49.42	32.02	9.52	8.05	8.9	2.16	100.5
1246	1/19/2012 12:46:20	8.58	49.24	31.89	9.56	8.06	9.5	2.03	100.6
1247	1/19/2012 13:01:19	8.57	48.81	31.58	9.61	8.06	10.9	1.89	101.0
1248	1/19/2012 13:16:19	8.59	48.60	31.43	9.66	8.07	10.3	1.76	101.4
1249	1/19/2012 13:31:19	8.56	48.24	31.17	9.68	8.07	10.5	1.64	101.4
1250	1/19/2012 13:46:19	8.57	48.04	31.03	9.70	8.07	11.1	1.50	101.5
1251	1/19/2012 14:01:19	8.55	47.85	30.89	9.69	8.06	11.1	1.40	101.2
1252	1/19/2012 14:16:19	8.57	47.51	30.65	9.69	8.06	10.4	1.32	101.2
1253	1/19/2012 14:31:20	8.61	47.69	30.78	9.65	8.06	11.4	1.23	101.0
1254	1/19/2012 14:46:19	8.62	47.35	30.54	9.63	8.06	11.5	1.20	100.6
1255	1/19/2012 15:01:19	8.71	47.35	30.54	9.63	8.06	14.1	1.17	100.8
1256	1/19/2012 15:16:19	8.65	47.52	30.66	9.67	8.06	10.1	1.22	101.1
1257	1/19/2012 15:31:20	8.63	47.85	30.90	9.64	8.06	9.5	1.24	100.9
1258	1/19/2012 15:46:20	8.61	47.92	30.94	9.60	8.06	9.2	1.27	100.5
1259	1/19/2012 16:01:20	8.62	47.53	30.66	9.59	8.05	9.6	1.37	100.2
1260	1/19/2012 16:16:20	8.59	47.66	30.75	9.58	8.05	9.0	1.46	100.1
1261	1/19/2012 16:31:20	8.60	46.83	30.16	9.58	8.04	8.9	1.52	99.7
1262	1/19/2012 16:46:19	8.59	46.51	29.94	9.58	8.04	8.6	1.60	99.6
1263	1/19/2012 17:01:19	8.58	46.91	30.22	9.59	8.05	8.2	1.69	99.8
1264	1/19/2012 17:16:19	8.58	46.75	30.11	9.60	8.04	7.8	1.77	99.9
1265	1/19/2012 17:31:19	8.58	47.04	30.32	9.60	8.04	7.5	1.86	100.0
1266	1/19/2012 17:46:19	8.57	47.53	30.66	9.58	8.05	7.5	1.93	100.0
1267	1/19/2012 18:01:19	8.58	47.58	30.69	9.57	8.05	7.2	2.02	100.0
1268	1/19/2012 18:16:19	8.60	47.06	30.33	9.60	8.04	7.4	2.12	100.1
1269	1/19/2012 18:31:19	8.57	47.52	30.65	9.58	8.05	8.1	2.19	100.1
1270	1/19/2012 18:46:19	8.54	47.94	30.96	9.58	8.05	8.9	2.28	100.2
1271	1/19/2012 19:01:19	8.50	47.90	30.92	9.59	8.05	10.4	2.37	100.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1272	1/19/2012 19:16:19	8.51	47.98	30.98	9.59	8.06	10.6	2.45	100.2
1273	1/19/2012 19:31:19	8.56	48.02	31.01	9.57	8.05	10.0	2.53	100.1
1274	1/19/2012 19:46:19	8.60	47.87	30.91	9.56	8.05	10.0	2.60	100.0
1275	1/19/2012 20:01:19	8.64	48.13	31.09	9.54	8.05	10.0	2.68	100.0
1276	1/19/2012 20:16:19	8.66	48.23	31.17	9.54	8.05	10.8	2.75	100.1
1277	1/19/2012 20:31:19	8.70	48.42	31.31	9.52	8.05	11.1	2.82	100.1
1278	1/19/2012 20:46:20	8.75	48.63	31.46	9.50	8.05	10.2	2.89	100.1
1279	1/19/2012 21:01:19	8.77	48.63	31.46	9.48	8.05	9.1	2.95	100.0
1280	1/19/2012 21:16:19	8.82	48.60	31.45	9.50	8.05	8.7	2.99	100.2
1281	1/19/2012 21:31:19	8.86	48.85	31.63	9.49	8.05	7.7	3.03	100.4
1282	1/19/2012 21:46:19	8.89	48.59	31.45	9.50	8.05	6.6	3.08	100.4
1283	1/19/2012 22:01:19	8.91	48.97	31.72	9.44	8.05	6.0	3.08	100.0
1284	1/19/2012 22:16:19	8.85	48.47	31.36	9.46	8.05	7.3	3.08	99.8
1285	1/19/2012 22:31:19	8.90	48.88	31.65	9.47	8.05	6.8	3.05	100.3
1286	1/19/2012 22:46:19	8.89	48.78	31.58	9.48	8.05	7.3	3.03	100.2
1287	1/19/2012 23:01:19	8.85	48.67	31.50	9.46	8.05	7.8	2.99	99.9
1288	1/19/2012 23:16:20	8.78	48.56	31.42	9.44	8.04	7.8	2.93	99.5
1289	1/19/2012 23:31:19	8.76	48.50	31.37	9.40	8.04	8.6	2.87	99.0
1290	1/19/2012 23:46:19	8.75	48.28	31.21	9.43	8.04	8.7	2.81	99.2
1291	1/20/2012 0:01:20	8.73	48.27	31.20	9.41	8.04	8.4	2.74	98.9
1292	1/20/2012 0:16:19	8.72	47.74	30.82	9.37	8.04	7.8	2.70	98.3
1293	1/20/2012 0:31:19	8.68	47.58	30.70	9.41	8.04	7.8	2.63	98.6
1294	1/20/2012 0:46:19	8.68	47.44	30.61	9.43	8.04	7.9	2.56	98.7
1295	1/20/2012 1:01:19	8.67	47.53	30.67	9.41	8.04	7.4	2.52	98.5
1296	1/20/2012 1:16:19	8.66	47.44	30.60	9.40	8.04	7.3	2.48	98.3
1297	1/20/2012 1:31:19	8.65	47.49	30.64	9.40	8.04	7.1	2.43	98.3
1298	1/20/2012 1:46:19	8.65	47.38	30.56	9.38	8.04	7.0	2.39	98.1
1299	1/20/2012 2:01:19	8.65	47.46	30.62	9.34	8.04	6.7	2.38	97.7
1300	1/20/2012 2:16:20	8.66	47.64	30.75	9.31	8.03	7.2	2.37	97.4
1301	1/20/2012 2:31:19	8.70	47.26	30.48	9.32	8.03	7.9	2.35	97.5
1302	1/20/2012 2:46:19	8.68	47.09	30.36	9.36	8.03	7.9	2.34	97.8
1303	1/20/2012 3:01:19	8.68	47.25	30.47	9.39	8.03	8.0	2.37	98.1
1304	1/20/2012 3:16:19	8.65	47.60	30.72	9.42	8.04	6.8	2.40	98.5
1305	1/20/2012 3:31:19	8.66	47.35	30.54	9.42	8.04	7.5	2.43	98.5
1306	1/20/2012 3:46:19	8.67	47.52	30.66	9.40	8.04	7.8	2.48	98.3
1307	1/20/2012 4:01:19	8.72	47.16	30.41	9.39	8.03	11.8	2.53	98.2
1308	1/20/2012 4:16:19	8.71	47.28	30.49	9.41	8.03	10.2	2.60	98.4
1309	1/20/2012 4:31:19	8.71	47.66	30.77	9.41	8.04	10.0	2.67	98.6
1310	1/20/2012 4:46:19	8.75	47.42	30.60	9.41	8.04	9.5	2.73	98.6
1311	1/20/2012 5:01:19	8.80	47.88	30.93	9.41	8.04	8.7	2.80	98.9
1312	1/20/2012 5:16:19	8.79	47.23	30.46	9.44	8.04	11.1	2.88	98.9
1313	1/20/2012 5:31:19	8.81	46.89	30.23	9.46	8.04	11.3	2.97	99.0
1314	1/20/2012 5:46:20	8.80	48.18	31.14	9.44	8.04	9.9	3.05	99.4
1315	1/20/2012 6:01:20	8.90	48.64	31.48	9.41	8.05	11.4	3.12	99.5
1316	1/20/2012 6:16:19	8.96	48.34	31.27	9.44	8.05	9.8	3.22	99.8
1317	1/20/2012 6:31:19	9.08	48.58	31.45	9.49	8.05	14.0	3.32	100.7
1318	1/20/2012 6:46:20	9.18	48.95	31.72	9.50	8.06	14.7	3.39	101.2
1319	1/20/2012 7:01:20	9.31	48.89	31.69	9.52	8.06	13.7	3.48	101.7
1320	1/20/2012 7:16:19	9.37	48.74	31.59	9.55	8.06	12.0	3.56	102.1
1321	1/20/2012 7:31:19	9.43	48.87	31.69	9.58	8.07	10.2	3.66	102.6
1322	1/20/2012 7:46:19	9.52	49.08	31.84	9.61	8.07	10.4	3.71	103.3
1323	1/20/2012 8:01:19	9.56	49.08	31.84	9.61	8.07	8.9	3.77	103.3
1324	1/20/2012 8:16:19	9.59	49.05	31.83	9.62	8.07	7.9	3.84	103.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
1325	1/20/2012 8:31:19	9.63	49.14	31.90	9.61	8.07	7.8	3.88	103.5
1326	1/20/2012 8:46:19	9.66	49.25	31.98	9.61	8.07	7.6	3.92	103.7
1327	1/20/2012 9:01:19	9.67	49.24	31.97	9.58	8.07	7.0	3.92	103.4
	Mean	9.18	49.34	32.00	9.24	8.07	6.03	2.54	98.56
	Minimum	7.25	46.51	29.94	8.41	7.98	3.40	0.95	89.70
	Maximum	10.45	51.11	33.28	10.00	8.20	14.70	3.92	104.30

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
0	1/20/2012 9:31:19	9.63	49.21	31.95	9.33	7.98	8.1	4.08	100.6
1	1/20/2012 9:46:19	9.64	49.36	32.06	9.44	8.01	8.8	4.03	101.9
2	1/20/2012 10:01:19	9.35	48.52	31.43	9.33	7.92	6.6	3.96	99.6
3	1/20/2012 10:16:19	9.42	48.69	31.55	9.33	7.93	6.9	3.87	99.8
4	1/20/2012 10:31:19	9.34	48.29	31.26	9.32	7.92	7.5	3.77	99.4
5	1/20/2012 10:46:19	9.17	47.18	30.45	9.25	7.90	7.8	3.66	97.8
6	1/20/2012 11:01:19	9.12	46.56	30.01	9.23	7.90	9.7	3.52	97.2
7	1/20/2012 11:16:19	9.23	47.30	30.55	9.34	7.92	15.0	3.41	98.9
8	1/20/2012 11:31:19	9.13	46.64	30.06	9.28	7.91	13.8	3.28	97.7
9	1/20/2012 11:46:19	9.11	46.67	30.09	9.27	7.91	13.7	3.15	97.6
10	1/20/2012 12:01:19	9.09	46.79	30.17	9.26	7.91	11.1	3.02	97.5
11	1/20/2012 12:16:20	9.11	46.39	29.89	9.24	7.94	10.0	2.88	97.1
12	1/20/2012 12:31:20	9.16	46.50	29.97	9.24	7.94	8.9	2.74	97.3
13	1/20/2012 12:46:19	9.17	46.46	29.94	9.23	7.91	8.5	2.60	97.3
14	1/20/2012 13:01:19	9.13	46.37	29.88	9.23	7.90	9.4	2.47	97.1
15	1/20/2012 13:16:19	9.02	46.58	30.02	9.18	7.90	13.4	2.32	96.4
16	1/20/2012 13:31:19	9.04	46.71	30.11	9.17	7.90	12.6	2.20	96.4
17	1/20/2012 13:46:19	9.07	46.74	30.14	9.22	7.90	12.2	2.03	97.0
18	1/20/2012 14:01:19	9.07	46.60	30.04	9.19	7.90	14.3	1.91	96.6
19	1/20/2012 14:16:19	9.09	46.52	29.98	9.16	7.90	13.1	1.78	96.3
20	1/20/2012 14:31:19	9.09	46.46	29.94	9.12	7.90	13.0	1.62	95.9
21	1/20/2012 14:46:19	9.09	46.31	29.83	9.09	7.89	12.5	1.50	95.5
22	1/20/2012 15:01:19	9.13	46.30	29.83	9.07	7.89	12.6	1.40	95.4
23	1/20/2012 15:16:19	9.13	46.23	29.78	9.06	7.89	13.3	1.31	95.2
24	1/20/2012 15:31:19	9.18	46.19	29.75	9.03	7.89	13.7	1.23	95.0
25	1/20/2012 15:46:19	9.24	46.11	29.70	9.11	7.90	18.5	1.24	96.0
26	1/20/2012 16:01:19	9.22	45.92	29.56	9.12	7.89	10.2	1.26	95.9
27	1/20/2012 16:16:19	9.28	45.37	29.17	9.14	7.90	12.4	1.27	96.0
28	1/20/2012 16:31:19	9.24	45.53	29.28	9.11	7.89	16.7	1.35	95.6
29	1/20/2012 16:46:19	9.19	45.49	29.25	9.09	7.89	17.8	1.43	95.4
30	1/20/2012 17:01:19	9.16	45.21	29.05	9.13	7.88	14.2	1.52	95.6
31	1/20/2012 17:16:19	9.12	45.15	29.01	9.13	7.87	15.3	1.59	95.5
32	1/20/2012 17:31:19	9.10	45.11	28.98	9.13	7.87	14.0	1.67	95.4
33	1/20/2012 17:46:19	9.10	45.22	29.06	9.12	7.87	12.4	1.77	95.4
34	1/20/2012 18:01:19	9.09	45.18	29.02	9.10	7.87	12.1	1.85	95.1
35	1/20/2012 18:16:20	9.07	45.37	29.16	9.08	7.91	10.9	1.93	95.0
36	1/20/2012 18:31:20	9.05	45.42	29.19	9.11	7.91	10.9	2.03	95.3
37	1/20/2012 18:46:20	9.09	45.10	28.97	9.11	7.92	13.4	2.12	95.2
38	1/20/2012 19:01:20	9.11	45.15	29.01	9.12	7.92	12.8	2.21	95.3
39	1/20/2012 19:16:20	9.17	45.00	28.90	9.18	7.93	14.1	2.32	96.0
40	1/20/2012 19:31:20	9.15	45.05	28.94	9.17	7.92	11.5	2.41	95.9
41	1/20/2012 19:46:20	9.20	45.50	29.26	9.14	7.93	13.6	2.49	95.9
42	1/20/2012 20:01:20	9.09	46.35	29.86	9.09	7.93	12.1	2.60	95.5
43	1/20/2012 20:16:19	9.11	46.32	29.84	9.10	7.89	13.2	2.69	95.7
44	1/20/2012 20:31:19	9.15	46.47	29.95	9.13	7.90	15.4	2.78	96.1
45	1/20/2012 20:46:20	9.24	46.35	29.86	9.15	7.94	19.8	2.88	96.5
46	1/20/2012 21:01:20	9.31	46.38	29.89	9.18	7.95	25.2	2.96	96.9
47	1/20/2012 21:16:20	9.33	46.66	30.09	9.17	7.95	26.6	3.06	97.0
48	1/20/2012 21:31:19	9.48	46.86	30.24	9.20	7.92	19.4	3.15	97.7
49	1/20/2012 21:46:19	9.54	47.01	30.36	9.20	7.93	19.8	3.21	97.9
50	1/20/2012 22:01:19	9.62	47.24	30.53	9.18	7.93	18.9	3.29	98.0
51	1/20/2012 22:16:19	9.72	47.39	30.64	9.16	7.94	15.1	3.36	98.1
52	1/20/2012 22:31:20	9.90	47.43	30.69	9.17	8.01	13.4	3.39	98.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
53	1/20/2012 22:46:19	10.03	47.36	30.64	9.16	7.98	12.5	3.43	98.8
54	1/20/2012 23:01:19	9.64	47.30	30.57	9.07	7.93	11.8	3.45	96.9
55	1/20/2012 23:16:20	9.78	47.40	30.65	9.10	7.99	13.3	3.47	97.6
56	1/20/2012 23:31:20	9.86	47.47	30.71	9.10	8.00	12.8	3.43	97.7
57	1/20/2012 23:46:20	9.70	47.38	30.64	9.08	7.98	14.1	3.36	97.2
58	1/21/2012 0:01:19	9.62	47.14	30.46	9.11	7.93	16.6	3.30	97.2
59	1/21/2012 0:16:19	9.56	47.03	30.37	9.13	7.92	16.5	3.25	97.2
60	1/21/2012 0:31:19	9.61	46.77	30.19	9.11	7.92	13.5	3.18	97.0
61	1/21/2012 0:46:19	9.51	45.80	29.50	9.09	7.91	16.3	3.08	96.2
62	1/21/2012 1:01:19	9.42	45.78	29.47	9.04	7.90	18.1	3.01	95.5
63	1/21/2012 1:16:20	9.34	46.00	29.62	9.03	7.93	18.2	2.92	95.2
64	1/21/2012 1:31:19	9.30	45.99	29.62	9.04	7.89	15.7	2.86	95.3
65	1/21/2012 1:46:20	9.29	46.10	29.69	9.02	7.93	13.9	2.80	95.1
66	1/21/2012 2:01:20	9.27	45.94	29.58	9.01	7.93	13.1	2.75	94.9
67	1/21/2012 2:16:19	9.28	45.59	29.33	8.99	7.89	12.3	2.69	94.5
68	1/21/2012 2:31:20	9.33	45.46	29.24	8.93	7.92	13.6	2.66	93.9
69	1/21/2012 2:46:19	9.31	45.41	29.20	8.91	7.88	11.7	2.62	93.7
70	1/21/2012 3:01:19	9.29	45.52	29.28	8.93	7.88	11.9	2.58	93.9
71	1/21/2012 3:16:20	9.27	44.71	28.70	8.97	7.91	12.3	2.57	94.0
72	1/21/2012 3:31:20	9.27	44.59	28.62	8.97	7.91	12.5	2.55	93.9
73	1/21/2012 3:46:20	9.26	45.37	29.17	8.89	7.91	10.6	2.53	93.4
74	1/21/2012 4:01:19	9.26	45.55	29.30	9.00	7.88	10.1	2.53	94.6
75	1/21/2012 4:16:20	9.28	44.97	28.89	8.99	7.91	11.5	2.54	94.3
76	1/21/2012 4:31:20	9.29	45.42	29.20	8.96	7.92	10.5	2.58	94.1
77	1/21/2012 4:46:20	9.27	45.38	29.18	8.98	7.92	13.3	2.63	94.3
78	1/21/2012 5:01:20	9.27	45.58	29.32	8.98	7.92	11.9	2.68	94.4
79	1/21/2012 5:16:20	9.30	45.43	29.22	8.99	7.92	15.2	2.74	94.5
80	1/21/2012 5:31:19	9.32	45.57	29.32	8.99	7.88	15.7	2.81	94.6
81	1/21/2012 5:46:20	9.30	45.21	29.06	9.03	7.92	14.7	2.90	94.8
82	1/21/2012 6:01:20	9.37	44.64	28.66	9.05	7.93	15.2	2.97	95.0
83	1/21/2012 6:16:20	9.42	45.08	28.98	9.07	7.94	13.6	3.06	95.5
84	1/21/2012 6:31:20	9.42	46.19	29.76	9.07	7.94	14.6	3.16	96.0
85	1/21/2012 6:46:19	9.46	45.43	29.23	9.10	7.91	13.6	3.27	96.0
86	1/21/2012 7:01:20	9.48	46.06	29.67	9.10	7.95	12.6	3.36	96.4
87	1/21/2012 7:16:19	9.51	46.50	30.00	9.09	7.92	14.8	3.43	96.5
88	1/21/2012 7:31:20	9.62	46.60	30.07	9.09	7.97	16.4	3.54	96.8
89	1/21/2012 7:46:20	9.82	46.66	30.12	9.10	8.00	19.6	3.64	97.4
90	1/21/2012 8:01:20	9.97	46.59	30.09	9.12	8.02	23.7	3.70	97.8
91	1/21/2012 8:16:20	10.07	46.54	30.06	9.13	8.04	22.7	3.80	98.1
92	1/21/2012 8:31:20	10.14	46.54	30.06	9.14	8.05	26.0	3.91	98.4
93	1/21/2012 8:46:19	10.18	46.50	30.03	9.16	8.02	22.2	3.97	98.7
94	1/21/2012 9:01:19	10.19	46.56	30.08	9.17	8.02	14.5	4.03	98.9
95	1/21/2012 9:16:19	10.15	46.50	30.03	9.14	8.02	11.1	4.09	98.4
96	1/21/2012 9:31:19	10.07	46.38	29.94	9.12	8.01	10.6	4.13	98.0
97	1/21/2012 9:46:19	10.17	46.36	29.93	9.08	8.02	9.0	4.17	97.7
98	1/21/2012 10:01:20	9.96	46.38	29.94	9.00	8.03	9.5	4.16	96.5
99	1/21/2012 10:16:20	9.76	46.37	29.92	9.00	7.99	12.0	4.16	96.1
100	1/21/2012 10:31:19	9.50	46.52	30.00	9.01	7.92	7.7	4.11	95.6
101	1/21/2012 10:46:20	9.91	46.71	30.17	9.07	8.01	8.2	4.05	97.2
102	1/21/2012 11:01:20	9.58	46.45	29.96	9.02	7.96	8.3	3.96	95.9
103	1/21/2012 11:16:20	9.80	46.42	29.95	9.07	8.00	8.6	3.85	96.9
104	1/21/2012 11:31:20	9.55	45.76	29.47	9.07	7.96	9.0	3.77	96.0
105	1/21/2012 11:46:19	9.52	45.40	29.21	9.05	7.91	13.2	3.62	95.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
106	1/21/2012 12:01:20	9.59	45.22	29.09	9.05	7.95	12.4	3.51	95.7
107	1/21/2012 12:16:20	9.57	44.90	28.86	9.04	7.94	12.2	3.37	95.4
108	1/21/2012 12:31:20	9.51	44.61	28.64	9.05	7.94	13.9	3.24	95.2
109	1/21/2012 12:46:20	9.52	44.62	28.66	9.05	7.94	14.1	3.12	95.2
110	1/21/2012 13:01:20	9.62	43.84	28.11	9.14	7.94	12.4	2.99	96.1
111	1/21/2012 13:16:20	9.53	43.99	28.21	9.04	7.92	21.6	2.85	94.9
112	1/21/2012 13:31:19	9.64	43.40	27.80	9.15	7.88	14.9	2.72	96.1
113	1/21/2012 13:46:19	9.55	43.56	27.90	9.11	7.88	16.4	2.55	95.5
114	1/21/2012 14:01:20	9.54	43.77	28.05	9.13	7.92	16.4	2.41	95.8
115	1/21/2012 14:16:20	9.60	43.64	27.96	9.18	7.92	17.7	2.25	96.3
116	1/21/2012 14:31:20	9.64	43.35	27.76	9.22	7.92	18.0	2.12	96.8
117	1/21/2012 14:46:20	9.65	42.96	27.49	9.15	7.90	20.5	1.94	95.8
118	1/21/2012 15:01:20	9.71	43.09	27.58	9.19	7.92	20.0	1.76	96.5
119	1/21/2012 15:16:20	9.72	43.04	27.54	9.09	7.91	19.2	1.63	95.4
120	1/21/2012 15:31:20	9.68	42.85	27.41	8.99	7.89	17.5	1.48	94.2
121	1/21/2012 15:46:20	9.69	42.62	27.25	8.99	7.89	17.7	1.36	94.1
122	1/21/2012 16:01:20	9.72	42.47	27.14	8.96	7.88	18.3	1.27	93.8
123	1/21/2012 16:16:20	9.74	42.13	26.91	8.93	7.88	18.6	1.15	93.5
124	1/21/2012 16:31:20	9.78	41.82	26.69	8.89	7.88	16.0	1.12	92.9
125	1/21/2012 16:46:20	9.77	41.87	26.72	8.94	7.88	16.0	1.12	93.5
126	1/21/2012 17:01:20	9.76	41.98	26.80	8.98	7.88	15.5	1.15	93.9
127	1/21/2012 17:16:20	9.71	42.17	26.93	8.97	7.88	14.0	1.25	93.8
128	1/21/2012 17:31:20	9.70	41.99	26.80	8.97	7.87	16.0	1.28	93.7
129	1/21/2012 17:46:20	9.69	42.14	26.91	8.94	7.88	15.7	1.37	93.5
130	1/21/2012 18:01:20	9.67	41.73	26.62	8.97	7.87	16.6	1.46	93.5
131	1/21/2012 18:16:20	9.66	41.77	26.65	8.94	7.87	16.7	1.56	93.2
132	1/21/2012 18:31:20	9.63	41.56	26.50	8.94	7.86	18.3	1.65	93.1
133	1/21/2012 18:46:20	9.63	41.39	26.38	8.95	7.86	17.0	1.74	93.1
134	1/21/2012 19:01:20	9.61	41.23	26.27	8.96	7.85	16.6	1.87	93.1
135	1/21/2012 19:16:20	9.59	41.20	26.24	8.95	7.85	16.9	1.94	92.9
136	1/21/2012 19:31:20	9.58	40.59	25.82	8.98	7.85	17.8	2.02	93.0
137	1/21/2012 19:46:20	9.59	41.07	26.15	8.99	7.86	19.0	2.11	93.2
138	1/21/2012 20:01:20	9.59	41.17	26.22	8.99	7.86	19.1	2.26	93.3
139	1/21/2012 20:16:20	9.61	41.46	26.43	8.98	7.87	20.5	2.35	93.4
140	1/21/2012 20:31:20	9.60	41.65	26.56	8.99	7.87	21.3	2.47	93.6
141	1/21/2012 20:46:20	9.60	42.32	27.03	8.98	7.88	23.8	2.57	93.8
142	1/21/2012 21:01:20	9.60	42.55	27.19	8.99	7.89	24.3	2.68	93.9
143	1/21/2012 21:16:20	9.60	42.82	27.39	8.99	7.89	27.0	2.78	94.0
144	1/21/2012 21:31:20	9.60	43.07	27.56	8.99	7.90	29.8	2.89	94.2
145	1/21/2012 21:46:20	9.61	43.11	27.59	9.01	7.90	37.2	2.97	94.4
146	1/21/2012 22:01:20	9.68	43.23	27.68	9.12	7.92	56.9	3.07	95.7
147	1/21/2012 22:16:20	9.83	43.55	27.91	9.35	7.96	57.6	3.15	98.7
148	1/21/2012 22:31:20	10.01	43.68	28.02	9.56	8.00	88.3	3.24	101.3
149	1/21/2012 22:46:20	10.06	43.62	27.98	9.65	8.02	88.0	3.28	102.4
150	1/21/2012 23:01:19	10.11	43.63	27.99	9.72	8.00	84.0	3.36	103.2
151	1/21/2012 23:16:20	10.16	43.55	27.93	9.82	8.05	59.5	3.41	104.4
152	1/21/2012 23:31:19	10.16	43.44	27.85	9.85	8.02	49.9	3.44	104.7
153	1/21/2012 23:46:20	10.17	43.37	27.81	9.84	8.05	36.6	3.46	104.6
154	1/22/2012 0:01:19	10.10	43.41	27.83	9.63	7.99	35.6	3.47	102.1
155	1/22/2012 0:16:19	10.19	43.72	28.05	9.72	8.01	58.0	3.44	103.4
156	1/22/2012 0:31:20	10.08	43.39	27.81	9.67	8.03	44.9	3.40	102.6
157	1/22/2012 0:46:20	9.66	42.53	27.18	9.42	7.97	25.0	3.34	98.5
158	1/22/2012 1:01:20	9.93	42.69	27.31	9.49	8.00	33.2	3.30	99.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
159	1/22/2012 1:16:20	9.85	43.05	27.56	9.36	7.97	36.3	3.24	98.6
160	1/22/2012 1:31:20	9.85	42.99	27.52	9.36	7.97	38.3	3.09	98.5
161	1/22/2012 1:46:20	9.64	42.17	26.93	9.22	7.94	44.9	3.04	96.2
162	1/22/2012 2:01:20	9.37	41.15	26.19	9.06	7.89	23.9	2.97	93.6
163	1/22/2012 2:16:20	9.40	41.50	26.45	9.06	7.90	15.7	2.85	93.8
164	1/22/2012 2:31:20	9.43	41.56	26.49	9.04	7.90	15.1	2.77	93.7
165	1/22/2012 2:46:20	9.35	40.66	25.85	9.05	7.87	15.9	2.72	93.2
166	1/22/2012 3:01:20	9.31	40.50	25.74	9.04	7.87	16.5	2.58	92.9
167	1/22/2012 3:16:20	9.28	40.29	25.59	9.05	7.87	17.0	2.59	92.9
168	1/22/2012 3:31:20	9.25	40.12	25.47	9.03	7.87	17.8	2.52	92.5
169	1/22/2012 3:46:20	9.22	40.43	25.68	9.03	7.87	18.2	2.49	92.6
170	1/22/2012 4:01:20	9.15	39.69	25.16	8.99	7.85	18.1	2.45	91.8
171	1/22/2012 4:16:19	9.17	39.99	25.37	8.96	7.81	16.4	2.43	91.7
172	1/22/2012 4:31:20	9.16	39.69	25.17	8.98	7.84	17.1	2.43	91.7
173	1/22/2012 4:46:20	9.10	39.39	24.95	9.05	7.84	18.2	2.42	92.1
174	1/22/2012 5:01:20	9.25	40.07	25.43	9.00	7.85	17.5	2.38	92.3
175	1/22/2012 5:16:20	9.32	40.74	25.91	8.99	7.86	20.8	2.44	92.5
176	1/22/2012 5:31:20	9.30	40.53	25.76	9.00	7.86	23.0	2.48	92.5
177	1/22/2012 5:46:20	9.31	40.48	25.72	8.99	7.86	26.1	2.55	92.5
178	1/22/2012 6:01:20	9.44	41.00	26.10	9.05	7.88	31.5	2.61	93.6
179	1/22/2012 6:16:20	9.50	41.08	26.15	9.11	7.90	44.1	2.67	94.3
180	1/22/2012 6:31:20	9.63	41.68	26.58	9.26	7.93	55.2	2.72	96.4
181	1/22/2012 6:46:20	9.64	41.93	26.76	9.31	7.94	53.0	2.81	97.1
182	1/22/2012 7:01:20	9.60	42.07	26.85	9.29	7.94	47.7	2.90	96.9
183	1/22/2012 7:16:20	9.57	42.09	26.87	9.31	7.94	37.4	2.98	97.0
184	1/22/2012 7:31:20	9.65	42.15	26.91	9.37	7.96	45.2	3.14	97.8
185	1/22/2012 7:46:20	9.70	42.07	26.86	9.44	7.97	58.5	3.21	98.6
186	1/22/2012 8:01:20	9.77	42.07	26.87	9.51	7.98	64.9	3.35	99.5
187	1/22/2012 8:16:20	9.85	42.15	26.93	9.60	8.00	80.2	3.42	100.7
188	1/22/2012 8:31:20	9.94	42.48	27.16	9.72	8.03	96.8	3.54	102.3
189	1/22/2012 8:46:19	10.00	42.89	27.45	9.75	8.01	96.7	3.64	103.0
190	1/22/2012 9:01:19	10.04	43.36	27.79	9.76	8.02	99.4	3.73	103.4
191	1/22/2012 9:16:20	10.07	43.72	28.04	9.76	8.06	106.9	3.84	103.6
192	1/22/2012 9:31:20	10.11	43.99	28.24	9.76	8.07	105.8	3.92	103.8
193	1/22/2012 9:46:20	10.12	44.13	28.34	9.77	8.07	104.9	4.02	104.1
194	1/22/2012 10:01:20	10.14	44.30	28.46	9.76	8.07	103.0	4.07	104.0
195	1/22/2012 10:16:20	10.15	44.34	28.49	9.76	8.07	101.9	4.13	104.1
196	1/22/2012 10:31:19	10.15	44.38	28.52	9.73	8.03	94.3	4.17	103.7
197	1/22/2012 10:46:19	10.17	44.44	28.57	9.73	8.04	91.1	4.20	103.9
198	1/22/2012 11:01:20	10.18	44.62	28.69	9.66	8.08	74.4	4.21	103.2
199	1/22/2012 11:16:20	10.11	44.21	28.40	9.65	8.07	77.8	4.16	102.8
200	1/22/2012 11:31:20	9.85	42.98	27.51	9.65	8.04	96.5	4.10	101.6
201	1/22/2012 11:46:20	9.95	43.48	27.87	9.66	8.05	88.9	4.00	102.1
202	1/22/2012 12:01:20	9.99	43.43	27.83	9.64	8.04	86.7	3.94	102.0
203	1/22/2012 12:16:20	10.00	43.37	27.80	9.62	8.04	90.1	3.80	101.7
204	1/22/2012 12:31:20	9.85	42.70	27.31	9.57	8.02	84.8	3.68	100.6
205	1/22/2012 12:46:20	9.79	42.33	27.05	9.56	8.01	79.8	3.55	100.2
206	1/22/2012 13:01:20	9.77	42.23	26.98	9.54	8.00	80.9	3.41	99.9
207	1/22/2012 13:16:20	9.77	42.13	26.91	9.53	8.00	80.5	3.30	99.7
208	1/22/2012 13:31:20	9.78	42.01	26.82	9.51	7.99	75.5	3.14	99.5
209	1/22/2012 13:46:20	9.74	41.79	26.67	9.51	7.98	73.5	3.00	99.3
210	1/22/2012 14:01:20	9.68	41.52	26.47	9.49	7.97	69.8	2.87	98.8
211	1/22/2012 14:16:20	9.69	41.37	26.37	9.47	7.96	69.9	2.71	98.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	1/22/2012 14:31:20	9.99	42.44	27.14	9.45	8.01	81.8	2.55	99.5
213	1/22/2012 14:46:20	9.89	42.05	26.86	9.44	7.98	81.5	2.41	99.0
214	1/22/2012 15:01:20	9.83	41.80	26.68	9.42	7.97	82.0	2.27	98.6
215	1/22/2012 15:16:20	9.76	41.75	26.64	9.39	7.96	78.1	2.12	98.2
216	1/22/2012 15:31:20	9.57	41.12	26.19	9.39	7.92	79.3	1.96	97.4
217	1/22/2012 15:46:20	9.43	40.59	25.80	9.43	7.90	70.1	1.84	97.3
218	1/22/2012 16:01:20	9.35	40.08	25.44	9.46	7.89	65.9	1.67	97.2
219	1/22/2012 16:16:20	9.22	39.41	24.97	9.50	7.87	63.4	1.53	97.0
220	1/22/2012 16:31:20	9.11	38.60	24.40	9.57	7.90	54.4	1.45	97.1
221	1/22/2012 16:46:20	9.07	38.28	24.18	9.58	7.90	51.9	1.34	97.0
222	1/22/2012 17:01:20	9.05	38.07	24.03	9.58	7.90	54.2	1.23	96.9
223	1/22/2012 17:16:20	9.05	37.91	23.92	9.55	7.90	44.0	1.20	96.5
224	1/22/2012 17:31:20	9.05	38.00	23.98	9.62	7.90	44.9	1.18	97.2
225	1/22/2012 17:46:20	9.09	38.37	24.24	9.59	7.90	35.2	1.20	97.1
226	1/22/2012 18:01:20	9.10	38.49	24.33	9.56	7.90	33.3	1.27	97.0
227	1/22/2012 18:16:20	9.18	39.08	24.74	9.52	7.90	32.6	1.34	96.9
228	1/22/2012 18:31:20	9.17	37.87	23.90	9.57	7.89	31.1	1.46	96.9
229	1/22/2012 18:46:20	9.21	37.84	23.88	9.54	7.87	33.5	1.53	96.7
230	1/22/2012 19:01:20	9.26	38.05	24.03	9.51	7.89	30.0	1.66	96.7
231	1/22/2012 19:16:20	9.28	38.71	24.49	9.47	7.89	28.5	1.75	96.6
232	1/22/2012 19:31:20	9.32	38.36	24.24	9.47	7.90	32.5	1.86	96.5
233	1/22/2012 19:46:20	9.39	38.88	24.61	9.45	7.91	32.2	1.95	96.6
234	1/22/2012 20:01:20	9.47	39.39	24.97	9.43	7.89	30.2	2.07	96.9
235	1/22/2012 20:16:20	9.52	39.72	25.20	9.42	7.90	30.7	2.16	97.0
236	1/22/2012 20:31:20	9.55	40.40	25.68	9.40	7.91	35.8	2.26	97.1
237	1/22/2012 20:46:20	9.50	40.43	25.70	9.41	7.91	34.8	2.37	97.1
238	1/22/2012 21:01:20	9.53	40.76	25.94	9.40	7.91	55.1	2.49	97.3
239	1/22/2012 21:16:20	9.52	40.70	25.89	9.41	7.91	48.0	2.59	97.3
240	1/22/2012 21:31:19	9.54	40.06	25.44	9.45	7.88	45.3	2.69	97.5
241	1/22/2012 21:46:20	9.57	40.54	25.78	9.46	7.93	47.2	2.79	97.9
242	1/22/2012 22:01:20	9.58	40.75	25.92	9.47	7.94	54.9	2.90	98.1
243	1/22/2012 22:16:20	9.64	41.18	26.23	9.50	7.95	62.1	3.01	98.8
244	1/22/2012 22:31:20	9.71	41.83	26.69	9.56	7.97	62.6	3.11	99.8
245	1/22/2012 22:46:20	9.76	42.27	27.00	9.57	7.98	74.2	3.18	100.2
246	1/22/2012 23:01:20	9.82	42.77	27.36	9.55	7.99	96.1	3.28	100.4
247	1/22/2012 23:16:20	9.94	43.55	27.92	9.56	8.02	113.0	3.38	101.1
248	1/22/2012 23:31:20	10.03	44.13	28.34	9.58	8.04	109.4	3.46	101.8
249	1/22/2012 23:46:20	10.13	44.72	28.76	9.60	8.06	88.9	3.52	102.5
250	1/23/2012 0:01:20	10.17	45.04	28.99	9.62	8.06	58.0	3.54	102.9
251	1/23/2012 0:16:20	10.17	45.00	28.96	9.58	8.06	42.1	3.58	102.5
252	1/23/2012 0:31:20	10.15	44.91	28.90	9.47	8.06	28.2	3.60	101.3
253	1/23/2012 0:46:20	10.18	45.14	29.06	9.56	8.07	40.1	3.58	102.4
254	1/23/2012 1:01:19	10.17	44.96	28.93	9.58	8.03	38.3	3.53	102.5
255	1/23/2012 1:16:19	9.86	42.77	27.36	9.54	7.99	41.3	3.47	100.4
256	1/23/2012 1:31:20	9.59	41.27	26.29	9.52	7.98	33.2	3.39	98.9
257	1/23/2012 1:46:20	9.68	41.36	26.36	9.51	7.99	37.6	3.30	99.0
258	1/23/2012 2:01:20	9.62	41.58	26.51	9.45	7.97	36.3	3.21	98.3
259	1/23/2012 2:16:20	9.70	41.88	26.73	9.44	7.98	40.7	3.11	98.5
260	1/23/2012 2:31:20	9.52	41.09	26.16	9.39	7.95	22.4	3.05	97.3
261	1/23/2012 2:46:20	9.54	41.41	26.39	9.40	7.96	22.6	2.95	97.6
262	1/23/2012 3:01:19	9.52	41.26	26.28	9.36	7.91	22.4	2.87	97.1
263	1/23/2012 3:16:20	9.50	41.40	26.38	9.36	7.95	20.2	2.78	97.1
264	1/23/2012 3:31:20	9.43	40.92	26.04	9.36	7.94	22.6	2.72	96.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
265	1/23/2012 3:46:20	9.41	41.21	26.24	9.34	7.94	18.6	2.64	96.6
266	1/23/2012 4:01:20	9.36	40.67	25.86	9.32	7.93	19.0	2.58	96.1
267	1/23/2012 4:16:20	9.31	40.13	25.48	9.32	7.91	18.6	2.54	95.6
268	1/23/2012 4:31:20	9.27	39.85	25.28	9.31	7.90	18.1	2.46	95.4
269	1/23/2012 4:46:20	9.25	40.28	25.58	9.27	7.91	17.2	2.41	95.1
270	1/23/2012 5:01:20	9.18	40.10	25.45	9.24	7.94	16.9	2.37	94.6
271	1/23/2012 5:16:20	9.18	39.85	25.28	9.21	7.90	15.3	2.35	94.1
272	1/23/2012 5:31:20	9.16	39.73	25.19	9.16	7.89	15.3	2.32	93.6
273	1/23/2012 5:46:20	9.23	40.02	25.39	9.29	7.90	18.4	2.34	95.2
274	1/23/2012 6:01:20	9.32	40.22	25.54	9.31	7.91	19.1	2.35	95.6
275	1/23/2012 6:16:20	9.32	40.17	25.51	9.31	7.91	19.8	2.39	95.7
276	1/23/2012 6:31:20	9.23	39.83	25.27	9.29	7.90	22.9	2.46	95.1
277	1/23/2012 6:46:20	9.31	39.79	25.24	9.31	7.91	25.8	2.54	95.5
278	1/23/2012 7:01:20	9.37	40.26	25.57	9.32	7.91	28.9	2.60	95.8
279	1/23/2012 7:16:20	9.43	40.57	25.79	9.33	7.92	31.3	2.69	96.3
280	1/23/2012 7:31:20	9.41	40.17	25.51	9.36	7.92	28.3	2.79	96.4
281	1/23/2012 7:46:20	9.48	40.75	25.92	9.39	7.94	33.3	2.92	97.0
282	1/23/2012 8:01:20	9.54	41.43	26.40	9.42	7.96	33.0	2.94	97.8
283	1/23/2012 8:16:20	9.52	41.55	26.48	9.44	7.96	31.9	3.07	98.0
284	1/23/2012 8:31:20	9.67	42.35	27.06	9.45	7.99	45.4	3.19	98.8
285	1/23/2012 8:46:20	9.84	43.20	27.67	9.47	8.01	58.0	3.27	99.7
286	1/23/2012 9:01:20	9.85	43.29	27.73	9.48	8.01	62.9	3.38	99.9
287	1/23/2012 9:16:20	9.84	43.25	27.70	9.48	8.01	78.4	3.48	99.9
288	1/23/2012 9:31:20	9.86	43.59	27.95	9.49	8.02	64.0	3.60	100.2
289	1/23/2012 9:46:20	9.90	43.94	28.19	9.48	8.03	61.6	3.71	100.4
290	1/23/2012 10:01:20	9.97	44.77	28.79	9.47	8.05	64.4	3.82	100.7
291	1/23/2012 10:16:20	10.02	45.20	29.10	9.50	8.05	61.2	3.89	101.4
292	1/23/2012 10:31:20	10.06	45.54	29.34	9.52	8.06	54.8	3.98	101.9
293	1/23/2012 10:46:20	10.10	45.85	29.57	9.52	8.06	51.4	4.02	102.1
294	1/23/2012 11:01:19	10.14	46.06	29.72	9.54	8.03	41.7	4.06	102.5
295	1/23/2012 11:16:19	10.16	46.17	29.80	9.54	8.03	34.4	4.12	102.6
296	1/23/2012 11:31:20	10.17	46.38	29.95	9.49	8.07	26.9	4.14	102.2
297	1/23/2012 11:46:19	10.17	46.35	29.93	9.51	8.03	40.2	4.10	102.4
298	1/23/2012 12:01:20	10.18	46.43	29.99	9.51	8.07	36.5	4.09	102.5
299	1/23/2012 12:16:20	10.20	44.33	28.49	9.46	8.05	35.2	4.04	101.0
300	1/23/2012 12:31:19	10.18	43.15	27.65	9.38	7.98	20.3	3.98	99.6
301	1/23/2012 12:46:20	10.13	42.78	27.39	9.38	8.00	18.7	3.85	99.3
302	1/23/2012 13:01:20	10.07	42.28	27.03	9.35	7.99	18.8	3.75	98.6
303	1/23/2012 13:16:20	10.03	42.56	27.22	9.35	7.99	19.7	3.64	98.6
304	1/23/2012 13:31:20	10.07	42.57	27.23	9.33	7.99	19.5	3.51	98.5
305	1/23/2012 13:46:20	10.18	42.60	27.26	9.32	7.99	18.1	3.38	98.7
306	1/23/2012 14:01:20	10.19	42.03	26.86	9.30	7.98	19.3	3.25	98.2
307	1/23/2012 14:16:20	10.23	41.81	26.71	9.27	7.96	21.4	3.12	97.9
308	1/23/2012 14:31:20	10.12	42.08	26.89	9.29	7.97	18.6	2.96	97.9
309	1/23/2012 14:46:20	10.04	41.71	26.63	9.27	7.96	20.0	2.82	97.5
310	1/23/2012 15:01:20	9.97	41.38	26.39	9.28	7.95	23.3	2.66	97.2
311	1/23/2012 15:16:20	9.90	40.96	26.09	9.25	7.93	24.1	2.51	96.6
312	1/23/2012 15:31:20	9.88	40.50	25.77	9.24	7.92	24.7	2.38	96.3
313	1/23/2012 15:46:20	10.00	40.83	26.00	9.25	7.94	25.3	2.20	96.7
314	1/23/2012 16:01:20	9.78	40.55	25.80	9.17	7.91	39.7	2.05	95.4
315	1/23/2012 16:16:20	9.77	40.40	25.69	9.18	7.91	31.9	1.91	95.4
316	1/23/2012 16:31:20	9.77	40.36	25.66	9.24	7.90	30.2	1.74	96.0
317	1/23/2012 16:46:20	9.71	40.15	25.51	9.17	7.89	31.6	1.60	95.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
318	1/23/2012 17:01:20	9.64	39.89	25.33	9.12	7.88	29.2	1.48	94.3
319	1/23/2012 17:16:20	9.56	39.60	25.12	9.09	7.86	25.8	1.37	93.7
320	1/23/2012 17:31:20	9.50	39.44	25.00	9.08	7.85	25.0	1.23	93.3
321	1/23/2012 17:46:20	9.44	39.24	24.86	9.04	7.85	25.6	1.15	92.7
322	1/23/2012 18:01:20	9.42	39.28	24.89	9.05	7.84	31.4	1.16	92.8
323	1/23/2012 18:16:20	9.49	39.38	24.97	9.09	7.85	24.9	1.15	93.3
324	1/23/2012 18:31:19	9.50	39.37	24.96	9.10	7.82	20.5	1.22	93.5
325	1/23/2012 18:46:20	9.52	39.52	25.07	9.10	7.86	20.9	1.31	93.6
326	1/23/2012 19:01:20	9.51	38.73	24.51	9.12	7.85	20.6	1.41	93.5
327	1/23/2012 19:16:20	9.53	38.64	24.45	9.12	7.84	20.9	1.48	93.5
328	1/23/2012 19:31:20	9.56	38.38	24.27	9.12	7.84	23.0	1.59	93.5
329	1/23/2012 19:46:20	9.58	38.53	24.37	9.11	7.84	21.4	1.68	93.5
330	1/23/2012 20:01:20	9.60	38.53	24.38	9.12	7.84	19.8	1.79	93.5
331	1/23/2012 20:16:20	9.62	38.78	24.55	9.11	7.85	21.4	1.89	93.6
332	1/23/2012 20:31:20	9.66	39.15	24.81	9.13	7.87	25.2	1.96	94.0
333	1/23/2012 20:46:20	9.66	39.21	24.85	9.17	7.88	23.1	2.09	94.4
334	1/23/2012 21:01:20	9.67	39.44	25.01	9.18	7.88	23.4	2.21	94.7
335	1/23/2012 21:16:20	9.72	40.15	25.51	9.18	7.90	24.1	2.32	95.2
336	1/23/2012 21:31:20	9.74	40.33	25.64	9.19	7.91	26.1	2.43	95.4
337	1/23/2012 21:46:20	9.75	40.51	25.77	9.20	7.91	32.5	2.55	95.6
338	1/23/2012 22:01:20	9.76	40.49	25.75	9.21	7.91	27.7	2.67	95.7
339	1/23/2012 22:16:20	9.78	40.50	25.76	9.23	7.92	36.4	2.76	95.9
340	1/23/2012 22:31:20	9.82	40.64	25.87	9.27	7.93	51.5	2.87	96.5
341	1/23/2012 22:46:20	9.86	40.94	26.07	9.28	7.94	48.6	2.98	96.8
342	1/23/2012 23:01:20	9.93	41.65	26.58	9.35	7.96	52.7	3.08	98.1
343	1/23/2012 23:16:20	10.01	42.51	27.19	9.45	7.98	43.2	3.17	99.6
344	1/23/2012 23:31:20	10.06	43.08	27.59	9.49	7.99	43.5	3.27	100.4
345	1/23/2012 23:46:20	10.14	44.02	28.27	9.49	8.01	47.8	3.37	101.0
346	1/24/2012 0:01:20	10.23	45.02	28.98	9.47	8.02	99.0	3.44	101.5
347	1/24/2012 0:16:20	10.31	45.95	29.65	9.47	8.04	79.4	3.51	102.1
348	1/24/2012 0:31:20	10.36	46.47	30.02	9.44	8.05	55.5	3.57	102.1
349	1/24/2012 0:46:20	10.38	46.76	30.23	9.40	8.06	28.3	3.59	101.9
350	1/24/2012 1:01:20	10.40	46.97	30.38	9.36	8.06	22.7	3.65	101.6
351	1/24/2012 1:16:20	10.37	46.72	30.20	9.33	8.05	27.2	3.64	101.1
352	1/24/2012 1:31:20	10.39	46.90	30.33	9.38	8.06	25.5	3.60	101.7
353	1/24/2012 1:46:20	10.36	46.55	30.08	9.38	8.05	29.3	3.56	101.5
354	1/24/2012 2:01:20	9.98	43.02	27.55	9.32	7.99	30.3	3.50	98.4
355	1/24/2012 2:16:20	9.96	42.81	27.40	9.28	7.98	27.7	3.40	97.9
356	1/24/2012 2:31:20	10.02	43.03	27.55	9.31	7.99	47.7	3.29	98.4
357	1/24/2012 2:46:20	10.00	42.77	27.37	9.31	7.99	38.7	3.21	98.3
358	1/24/2012 3:01:20	9.88	42.09	26.89	9.23	7.96	22.4	3.10	96.8
359	1/24/2012 3:16:20	9.87	42.07	26.87	9.22	7.96	21.4	3.02	96.8
360	1/24/2012 3:31:20	9.82	41.58	26.52	9.22	7.95	19.8	2.92	96.4
361	1/24/2012 3:46:20	9.78	41.08	26.17	9.19	7.93	27.8	2.82	95.8
362	1/24/2012 4:01:20	9.81	41.61	26.54	9.16	7.94	21.0	2.75	95.8
363	1/24/2012 4:16:20	9.71	40.44	25.72	9.14	7.91	20.5	2.64	94.8
364	1/24/2012 4:31:20	9.70	40.44	25.72	9.06	7.91	16.8	2.55	94.0
365	1/24/2012 4:46:20	9.64	39.93	25.35	9.02	7.89	15.8	2.50	93.2
366	1/24/2012 5:01:20	9.64	40.14	25.50	9.01	7.89	16.0	2.41	93.2
367	1/24/2012 5:16:20	9.58	39.69	25.19	8.98	7.88	15.6	2.33	92.6
368	1/24/2012 5:31:20	9.56	39.39	24.97	8.95	7.87	15.1	2.30	92.1
369	1/24/2012 5:46:20	9.55	39.15	24.81	8.93	7.86	15.3	2.23	91.7
370	1/24/2012 6:01:20	9.53	39.11	24.78	8.90	7.86	13.6	2.22	91.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
371	1/24/2012 6:16:20	9.60	39.52	25.07	8.99	7.87	16.6	2.23	92.7
372	1/24/2012 6:31:20	9.60	39.63	25.15	8.97	7.87	17.2	2.24	92.5
373	1/24/2012 6:46:20	9.55	39.20	24.84	9.00	7.86	14.4	2.28	92.5
374	1/24/2012 7:01:20	9.62	39.63	25.15	8.99	7.88	16.7	2.32	92.8
375	1/24/2012 7:16:20	9.56	39.19	24.83	8.99	7.86	15.6	2.38	92.5
376	1/24/2012 7:31:20	9.61	39.24	24.87	9.03	7.87	18.8	2.48	92.9
377	1/24/2012 7:46:20	9.65	39.50	25.05	9.07	7.88	25.6	2.56	93.6
378	1/24/2012 8:01:20	9.76	40.60	25.83	9.11	7.91	25.3	2.62	94.7
379	1/24/2012 8:16:19	9.77	40.72	25.92	9.12	7.88	20.5	2.74	94.9
380	1/24/2012 8:31:20	9.80	41.20	26.26	9.17	7.93	24.1	2.81	95.6
381	1/24/2012 8:46:20	9.80	41.34	26.35	9.18	7.93	24.3	2.88	95.8
382	1/24/2012 9:01:20	9.80	41.49	26.46	9.21	7.94	17.5	2.99	96.2
383	1/24/2012 9:16:20	9.87	41.85	26.72	9.23	7.95	18.3	3.07	96.7
384	1/24/2012 9:31:20	9.94	42.47	27.16	9.25	7.97	21.1	3.18	97.4
385	1/24/2012 9:46:20	10.09	44.19	28.38	9.25	8.00	30.3	3.26	98.5
386	1/24/2012 10:01:20	10.11	44.41	28.54	9.26	8.01	26.0	3.37	98.7
387	1/24/2012 10:16:20	10.13	44.65	28.71	9.26	8.01	43.3	3.48	98.8
388	1/24/2012 10:31:20	10.15	44.89	28.88	9.27	8.02	40.8	3.56	99.1
389	1/24/2012 10:46:20	10.19	45.50	29.32	9.26	8.03	44.1	3.67	99.3
390	1/24/2012 11:01:20	10.25	46.11	29.76	9.22	8.04	37.3	3.76	99.4
391	1/24/2012 11:16:20	10.28	46.54	30.07	9.20	8.05	37.5	3.85	99.3
392	1/24/2012 11:31:20	10.31	46.74	30.21	9.18	8.05	36.6	3.90	99.3
393	1/24/2012 11:46:19	10.32	46.91	30.33	9.17	8.02	26.5	3.97	99.3
394	1/24/2012 12:01:20	10.34	47.18	30.53	9.16	8.06	23.6	4.00	99.3
395	1/24/2012 12:16:20	10.31	46.80	30.26	9.07	8.05	18.5	4.02	98.1
396	1/24/2012 12:31:20	10.33	47.07	30.45	9.08	8.05	19.5	4.02	98.4
397	1/24/2012 12:46:20	10.29	46.21	29.84	9.17	8.05	24.4	3.98	98.9
398	1/24/2012 13:01:19	10.27	45.72	29.48	9.18	8.01	23.3	3.92	98.8
399	1/24/2012 13:16:20	10.23	44.95	28.93	9.17	8.02	20.9	3.85	98.3
400	1/24/2012 13:31:20	10.18	43.98	28.23	9.12	8.00	18.9	3.75	97.1
401	1/24/2012 13:46:20	10.10	42.81	27.41	9.17	7.99	23.7	3.63	97.0
402	1/24/2012 14:01:20	10.10	43.00	27.54	9.13	7.99	23.3	3.51	96.7
403	1/24/2012 14:16:20	10.10	43.30	27.75	9.10	7.98	22.4	3.38	96.5
404	1/24/2012 14:31:20	10.07	43.07	27.59	9.11	7.98	25.0	3.25	96.4
405	1/24/2012 14:46:20	10.04	42.93	27.49	9.10	7.97	26.7	3.11	96.2
406	1/24/2012 15:01:20	10.03	41.92	26.77	9.09	7.95	23.6	2.98	95.6
407	1/24/2012 15:16:20	10.01	42.10	26.90	9.05	7.95	16.7	2.82	95.2
408	1/24/2012 15:31:20	9.98	41.94	26.78	9.04	7.94	18.2	2.69	95.0
409	1/24/2012 15:46:20	9.96	41.64	26.57	9.05	7.93	15.8	2.54	94.9
410	1/24/2012 16:01:20	10.01	41.98	26.82	8.98	7.94	15.8	2.40	94.4
411	1/24/2012 16:16:20	9.94	41.00	26.12	8.96	7.92	16.8	2.25	93.7
412	1/24/2012 16:31:19	9.89	40.60	25.84	8.91	7.86	19.3	2.11	92.9
413	1/24/2012 16:46:20	9.86	40.39	25.69	8.94	7.89	20.9	1.96	93.0
414	1/24/2012 17:01:20	9.82	39.99	25.41	8.85	7.87	25.8	1.80	91.9
415	1/24/2012 17:16:20	9.77	39.49	25.06	8.78	7.85	26.9	1.65	90.8
416	1/24/2012 17:31:20	9.72	39.14	24.81	8.75	7.83	20.3	1.52	90.3
417	1/24/2012 17:46:20	9.71	39.08	24.77	8.72	7.82	20.0	1.41	89.9
418	1/24/2012 18:01:20	9.70	38.95	24.67	8.68	7.82	19.1	1.30	89.4
419	1/24/2012 18:16:20	9.69	38.87	24.62	8.61	7.81	17.4	1.25	88.6
420	1/24/2012 18:31:20	9.71	38.97	24.69	8.70	7.81	19.5	1.22	89.7
421	1/24/2012 18:46:20	9.71	39.00	24.71	8.72	7.82	18.6	1.23	89.8
422	1/24/2012 19:01:20	9.72	39.13	24.80	8.73	7.82	19.8	1.29	90.0
423	1/24/2012 19:16:20	9.72	39.18	24.83	8.74	7.82	17.6	1.37	90.2

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	1/24/2012 19:31:20	9.72	39.14	24.81	8.75	7.83	15.5	1.44	90.3
425	1/24/2012 19:46:20	9.70	38.33	24.24	8.78	7.81	16.8	1.53	90.2
426	1/24/2012 20:01:20	9.70	38.34	24.25	8.77	7.81	17.4	1.62	90.2
427	1/24/2012 20:16:20	9.70	38.22	24.16	8.78	7.81	16.3	1.70	90.1
428	1/24/2012 20:31:20	9.73	38.67	24.48	8.77	7.82	15.3	1.80	90.3
429	1/24/2012 20:46:20	9.74	39.03	24.73	8.76	7.83	15.8	1.90	90.4
430	1/24/2012 21:01:20	9.75	38.93	24.66	8.82	7.84	16.4	2.01	91.0
431	1/24/2012 21:16:20	9.78	39.26	24.90	8.86	7.85	15.8	2.10	91.6
432	1/24/2012 21:31:20	9.82	39.71	25.21	8.89	7.87	17.2	2.22	92.2
433	1/24/2012 21:46:20	9.85	40.08	25.47	8.93	7.88	17.0	2.33	92.8
434	1/24/2012 22:01:20	9.89	40.87	26.03	8.93	7.90	17.9	2.45	93.2
435	1/24/2012 22:16:20	9.89	40.96	26.09	8.94	7.90	21.6	2.55	93.3
436	1/24/2012 22:31:20	9.91	41.10	26.19	8.94	7.91	21.2	2.68	93.5
437	1/24/2012 22:46:20	9.95	41.43	26.42	8.98	7.92	27.3	2.78	94.0
438	1/24/2012 23:01:20	9.98	41.61	26.55	9.01	7.93	32.9	2.87	94.6
439	1/24/2012 23:16:20	10.00	41.99	26.82	9.03	7.94	31.9	2.98	94.9
440	1/24/2012 23:31:20	10.04	42.31	27.05	9.04	7.94	28.0	3.07	95.3
441	1/24/2012 23:46:20	10.13	43.42	27.84	9.14	7.97	35.1	3.17	97.0
442	1/25/2012 0:01:20	10.18	44.01	28.26	9.18	7.99	31.1	3.27	97.8
443	1/25/2012 0:16:20	10.20	44.18	28.38	9.19	8.00	32.5	3.36	98.0
444	1/25/2012 0:31:20	10.24	44.58	28.67	9.23	8.01	33.2	3.46	98.7
445	1/25/2012 0:46:20	10.28	44.97	28.95	9.29	8.03	34.1	3.53	99.6
446	1/25/2012 1:01:20	10.30	45.14	29.07	9.33	8.04	32.2	3.60	100.2
447	1/25/2012 1:16:20	10.32	45.36	29.23	9.34	8.05	29.4	3.66	100.4
448	1/25/2012 1:31:20	10.33	45.47	29.31	9.31	8.05	24.9	3.70	100.2
449	1/25/2012 1:46:20	10.30	45.18	29.10	9.23	8.04	21.4	3.70	99.1
450	1/25/2012 2:01:20	10.33	45.39	29.25	9.32	8.05	25.6	3.71	100.2
451	1/25/2012 2:16:20	10.32	45.37	29.23	9.30	8.05	25.8	3.66	100.1
452	1/25/2012 2:31:20	10.19	43.84	28.14	9.10	7.99	17.5	3.59	96.9
453	1/25/2012 2:46:20	10.18	43.73	28.06	9.09	7.99	17.0	3.52	96.7
454	1/25/2012 3:01:20	10.16	43.05	27.58	9.09	7.98	17.3	3.39	96.4
455	1/25/2012 3:16:20	10.13	43.00	27.54	9.04	7.97	17.7	3.29	95.8
456	1/25/2012 3:31:20	10.14	43.14	27.64	9.03	7.97	15.5	3.19	95.7
457	1/25/2012 3:46:20	10.12	42.92	27.49	8.98	7.96	15.1	3.07	95.1
458	1/25/2012 4:01:20	10.11	42.79	27.39	8.97	7.95	15.3	3.01	94.9
459	1/25/2012 4:16:20	10.05	41.81	26.70	8.95	7.93	16.1	2.91	94.1
460	1/25/2012 4:31:20	10.07	41.84	26.72	8.98	7.94	13.4	2.78	94.6
461	1/25/2012 4:46:20	10.06	41.60	26.55	8.97	7.93	13.1	2.69	94.3
462	1/25/2012 5:01:20	9.97	40.32	25.65	8.90	7.89	13.6	2.64	92.8
463	1/25/2012 5:16:20	9.97	40.27	25.61	8.86	7.89	13.4	2.53	92.4
464	1/25/2012 5:31:20	9.96	40.14	25.52	8.84	7.89	13.0	2.43	92.1
465	1/25/2012 5:46:20	9.94	39.85	25.31	8.80	7.87	12.9	2.37	91.5
466	1/25/2012 6:01:20	9.92	39.63	25.16	8.74	7.86	12.7	2.30	90.8
467	1/25/2012 6:16:20	9.94	39.82	25.29	8.70	7.86	12.8	2.23	90.5
468	1/25/2012 6:31:20	9.92	39.51	25.08	8.67	7.85	12.0	2.20	90.0
469	1/25/2012 6:46:20	9.93	39.94	25.38	8.62	7.86	11.4	2.16	89.7
470	1/25/2012 7:01:20	9.94	40.25	25.60	8.77	7.88	12.7	2.18	91.4
471	1/25/2012 7:16:20	9.88	39.11	24.79	8.70	7.84	11.7	2.16	90.1
472	1/25/2012 7:31:20	9.90	39.18	24.84	8.70	7.84	12.0	2.21	90.2
473	1/25/2012 7:46:20	9.93	40.09	25.49	8.75	7.87	13.7	2.28	91.1
474	1/25/2012 8:01:20	9.91	38.92	24.67	8.75	7.84	17.1	2.31	90.6
475	1/25/2012 8:16:20	9.91	38.74	24.54	8.76	7.84	15.1	2.40	90.6
476	1/25/2012 8:31:20	9.93	39.65	25.17	8.78	7.86	14.8	2.50	91.2

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
477	1/25/2012 8:46:20	9.96	40.47	25.75	8.79	7.88	20.7	2.55	91.7
478	1/25/2012 9:01:20	9.98	40.49	25.77	8.83	7.89	16.8	2.66	92.2
479	1/25/2012 9:16:20	10.01	41.05	26.16	8.86	7.91	15.8	2.77	92.8
480	1/25/2012 9:31:20	10.03	41.39	26.40	8.89	7.92	16.9	2.81	93.3
481	1/25/2012 9:46:20	10.05	41.57	26.53	8.93	7.92	15.7	2.91	93.9
482	1/25/2012 10:01:20	10.07	41.98	26.82	8.95	7.93	16.2	3.00	94.3
483	1/25/2012 10:16:20	10.09	42.23	27.00	8.97	7.94	17.2	3.07	94.6
484	1/25/2012 10:31:20	10.14	42.51	27.19	9.01	7.96	21.6	3.17	95.3
485	1/25/2012 10:46:20	10.16	42.71	27.33	9.04	7.97	22.5	3.25	95.7
486	1/25/2012 11:01:20	10.19	43.05	27.58	9.09	7.98	22.7	3.33	96.5
487	1/25/2012 11:16:20	10.22	43.26	27.73	9.13	7.99	22.4	3.43	97.0
488	1/25/2012 11:31:20	10.28	43.40	27.83	9.17	7.99	22.8	3.49	97.6
489	1/25/2012 11:46:20	10.31	43.67	28.02	9.18	8.00	23.6	3.59	97.9
490	1/25/2012 12:01:20	10.34	44.02	28.27	9.24	8.01	29.1	3.66	98.8
491	1/25/2012 12:16:20	10.35	44.39	28.54	9.29	8.03	34.3	3.73	99.6
492	1/25/2012 12:31:20	10.37	44.61	28.70	9.34	8.03	26.7	3.78	100.2
493	1/25/2012 12:46:20	10.40	44.71	28.77	9.35	8.04	20.8	3.82	100.4
494	1/25/2012 13:01:20	10.40	44.87	28.88	9.29	8.04	14.9	3.83	99.8
495	1/25/2012 13:16:20	10.39	44.73	28.78	9.27	8.03	18.3	3.83	99.5
496	1/25/2012 13:31:20	10.41	44.86	28.87	9.30	8.04	22.0	3.81	100.0
497	1/25/2012 13:46:20	10.40	44.83	28.85	9.30	8.04	23.8	3.76	99.9
498	1/25/2012 14:01:20	10.48	43.47	27.89	9.11	7.99	13.1	3.70	97.4
499	1/25/2012 14:16:20	10.48	43.27	27.75	9.06	7.98	13.6	3.60	96.8
500	1/25/2012 14:31:20	10.49	42.73	27.37	8.98	7.96	14.8	3.51	95.7
501	1/25/2012 14:46:20	10.50	42.63	27.30	8.93	7.96	14.2	3.40	95.2
502	1/25/2012 15:01:20	10.52	42.26	27.03	8.87	7.94	14.2	3.29	94.5
503	1/25/2012 15:16:20	10.57	42.01	26.86	8.89	7.94	14.1	3.14	94.7
504	1/25/2012 15:31:20	10.60	41.76	26.69	8.90	7.93	12.3	3.03	94.7
505	1/25/2012 15:46:20	10.53	41.62	26.58	8.91	7.93	13.2	2.92	94.6
506	1/25/2012 16:01:20	10.48	41.57	26.55	8.84	7.92	13.1	2.79	93.8
507	1/25/2012 16:16:20	10.44	41.12	26.23	8.88	7.91	12.2	2.64	94.0
508	1/25/2012 16:31:20	10.41	40.66	25.90	8.75	7.89	15.1	2.51	92.3
509	1/25/2012 16:46:20	10.41	40.32	25.67	8.71	7.87	14.7	2.42	91.7
510	1/25/2012 17:01:20	10.43	39.75	25.27	8.67	7.85	15.5	2.27	91.1
511	1/25/2012 17:16:20	10.45	39.90	25.37	8.61	7.85	14.2	2.12	90.6
512	1/25/2012 17:31:20	10.42	39.66	25.20	8.60	7.84	15.1	1.98	90.3
513	1/25/2012 17:46:20	10.42	39.47	25.07	8.53	7.83	14.8	1.86	89.5
514	1/25/2012 18:01:20	10.42	39.32	24.97	8.49	7.82	14.2	1.75	89.0
515	1/25/2012 18:16:20	10.44	39.11	24.82	8.44	7.81	14.7	1.62	88.4
516	1/25/2012 18:31:20	10.43	38.89	24.66	8.42	7.80	13.9	1.54	88.1
517	1/25/2012 18:46:20	10.44	38.83	24.63	8.38	7.80	13.4	1.50	87.8
518	1/25/2012 19:01:20	10.44	38.78	24.59	8.32	7.79	12.8	1.43	87.1
519	1/25/2012 19:16:20	10.44	38.85	24.64	8.39	7.79	15.7	1.42	87.9
520	1/25/2012 19:31:20	10.42	39.18	24.87	8.47	7.81	13.3	1.45	88.7
521	1/25/2012 19:46:20	10.42	39.21	24.89	8.44	7.81	14.7	1.47	88.5
522	1/25/2012 20:01:20	10.42	39.11	24.82	8.45	7.81	15.6	1.53	88.6
523	1/25/2012 20:16:20	10.42	38.95	24.71	8.48	7.81	15.2	1.65	88.8
524	1/25/2012 20:31:20	10.42	38.71	24.54	8.48	7.80	14.4	1.70	88.7
525	1/25/2012 20:46:20	10.41	38.21	24.19	8.51	7.80	15.3	1.75	88.8
526	1/25/2012 21:01:20	10.40	38.37	24.30	8.53	7.80	14.5	1.92	89.1
527	1/25/2012 21:16:20	10.40	38.46	24.36	8.52	7.80	13.7	1.97	89.0
528	1/25/2012 21:31:20	10.40	38.81	24.61	8.57	7.82	14.8	2.08	89.6
529	1/25/2012 21:46:20	10.38	38.81	24.61	8.67	7.84	14.9	2.21	90.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
530	1/25/2012 22:01:20	10.36	39.39	25.02	8.70	7.85	14.7	2.25	91.2
531	1/25/2012 22:16:20	10.35	40.05	25.47	8.74	7.87	14.5	2.40	91.8
532	1/25/2012 22:31:20	10.35	40.33	25.67	8.75	7.88	15.8	2.48	92.0
533	1/25/2012 22:46:20	10.37	40.44	25.75	8.76	7.89	16.1	2.59	92.2
534	1/25/2012 23:01:20	10.37	40.88	26.06	8.78	7.90	17.4	2.69	92.7
535	1/25/2012 23:16:20	10.39	40.87	26.05	8.82	7.90	18.3	2.78	93.0
536	1/25/2012 23:31:20	10.40	40.94	26.10	8.84	7.90	21.9	2.90	93.3
537	1/25/2012 23:46:20	10.43	41.06	26.19	8.89	7.92	29.2	2.99	94.0
538	1/26/2012 0:01:20	10.46	41.36	26.40	8.96	7.92	30.8	3.06	94.9
539	1/26/2012 0:16:20	10.47	41.84	26.74	9.01	7.94	31.7	3.20	95.7
540	1/26/2012 0:31:20	10.54	42.87	27.47	9.28	7.98	33.3	3.27	99.2
541	1/26/2012 0:46:20	10.59	43.86	28.18	9.48	8.00	35.3	3.38	101.8
542	1/26/2012 1:01:20	10.64	44.89	28.91	9.62	8.02	40.5	3.46	104.0
543	1/26/2012 1:16:20	10.68	45.58	29.40	9.74	8.03	30.8	3.54	105.6
544	1/26/2012 1:31:20	10.70	45.94	29.66	9.79	8.04	27.5	3.59	106.5
545	1/26/2012 1:46:20	10.70	46.29	29.92	9.82	8.05	23.6	3.68	106.9
546	1/26/2012 2:01:20	10.70	46.57	30.11	9.74	8.05	17.7	3.66	106.2
547	1/26/2012 2:16:20	10.71	46.75	30.24	9.71	8.06	20.7	3.73	106.0
548	1/26/2012 2:31:20	10.70	46.40	29.99	9.71	8.05	18.0	3.74	105.8
549	1/26/2012 2:46:20	10.70	46.49	30.06	9.75	8.06	17.5	3.68	106.3
550	1/26/2012 3:01:20	10.69	45.81	29.57	9.64	8.04	19.4	3.66	104.8
551	1/26/2012 3:16:20	10.65	43.91	28.21	9.42	8.02	21.9	3.58	101.4
552	1/26/2012 3:31:20	10.63	43.37	27.83	9.30	7.99	21.9	3.50	99.8
553	1/26/2012 3:46:20	10.61	43.08	27.62	9.20	7.98	24.0	3.40	98.6
554	1/26/2012 4:01:20	10.59	42.47	27.19	9.22	7.98	21.9	3.30	98.5
555	1/26/2012 4:16:20	10.58	41.88	26.77	9.06	7.95	21.1	3.21	96.5
556	1/26/2012 4:31:20	10.59	41.80	26.71	9.04	7.94	19.7	3.08	96.2
557	1/26/2012 4:46:20	10.58	41.50	26.50	9.03	7.94	17.8	3.03	96.0
558	1/26/2012 5:01:20	10.56	41.06	26.20	8.97	7.92	16.1	2.93	95.1
559	1/26/2012 5:16:20	10.56	41.12	26.23	8.92	7.92	17.5	2.82	94.6
560	1/26/2012 5:31:20	10.55	40.26	25.63	8.95	7.90	15.4	2.74	94.6
561	1/26/2012 5:46:20	10.55	40.09	25.51	8.78	7.89	14.5	2.64	92.6
562	1/26/2012 6:01:20	10.55	39.79	25.30	8.83	7.89	15.5	2.56	93.1
563	1/26/2012 6:16:20	10.55	39.46	25.07	8.79	7.87	13.7	2.48	92.5
564	1/26/2012 6:31:20	10.54	38.78	24.60	8.70	7.84	14.5	2.39	91.3
565	1/26/2012 6:46:20	10.56	38.89	24.67	8.70	7.85	13.6	2.33	91.3
566	1/26/2012 7:01:20	10.56	38.58	24.46	8.65	7.84	14.7	2.26	90.7
567	1/26/2012 7:16:20	10.55	38.95	24.71	8.61	7.84	14.4	2.19	90.4
568	1/26/2012 7:31:20	10.56	38.57	24.45	8.60	7.83	14.4	2.20	90.2
569	1/26/2012 7:46:20	10.54	39.05	24.78	8.51	7.84	12.3	2.11	89.3
570	1/26/2012 8:01:20	10.54	39.08	24.80	8.64	7.84	15.3	2.18	90.7
571	1/26/2012 8:16:20	10.55	38.47	24.38	8.63	7.82	13.0	2.13	90.4
572	1/26/2012 8:31:20	10.54	38.76	24.58	8.61	7.83	13.6	2.19	90.4
573	1/26/2012 8:46:20	10.52	39.02	24.76	8.60	7.83	13.7	2.26	90.3
574	1/26/2012 9:01:20	10.54	38.14	24.15	8.63	7.82	14.9	2.33	90.3
575	1/26/2012 9:16:20	10.53	38.44	24.36	8.64	7.83	15.8	2.41	90.5
576	1/26/2012 9:31:20	10.52	38.48	24.38	8.66	7.83	15.4	2.49	90.7
577	1/26/2012 9:46:20	10.52	38.36	24.30	8.72	7.83	15.0	2.58	91.2
578	1/26/2012 10:01:20	10.53	38.75	24.57	8.75	7.85	13.4	2.67	91.8
579	1/26/2012 10:16:20	10.54	39.31	24.96	8.83	7.88	15.0	2.73	92.8
580	1/26/2012 10:31:20	10.55	40.08	25.50	8.90	7.89	17.4	2.82	93.9
581	1/26/2012 10:46:20	10.56	40.21	25.60	8.95	7.90	15.2	2.88	94.6
582	1/26/2012 11:01:20	10.57	41.03	26.18	9.00	7.92	17.3	2.96	95.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
583	1/26/2012 11:16:20	10.60	41.55	26.54	9.06	7.93	17.8	3.05	96.4
584	1/26/2012 11:31:20	10.63	42.12	26.94	9.14	7.95	16.6	3.13	97.5
585	1/26/2012 11:46:20	10.63	42.72	27.37	9.18	7.96	15.8	3.20	98.3
586	1/26/2012 12:01:20	10.66	42.66	27.32	9.23	7.97	21.1	3.30	98.8
587	1/26/2012 12:16:20	10.64	43.52	27.94	9.29	7.98	22.8	3.34	99.8
588	1/26/2012 12:31:20	10.65	43.71	28.07	9.30	7.99	20.8	3.40	100.0
589	1/26/2012 12:46:20	10.66	43.81	28.15	9.36	7.99	22.8	3.52	100.7
590	1/26/2012 13:01:20	10.68	44.01	28.28	9.39	8.00	21.4	3.56	101.1
591	1/26/2012 13:16:20	10.70	44.32	28.50	9.43	8.01	21.4	3.58	101.8
592	1/26/2012 13:31:20	10.71	44.52	28.65	9.46	8.01	16.0	3.59	102.2
593	1/26/2012 13:46:20	10.71	44.32	28.51	9.33	8.01	19.4	3.65	100.7
594	1/26/2012 14:01:20	10.74	43.72	28.08	9.35	8.00	12.7	3.61	100.8
595	1/26/2012 14:16:20	10.71	43.91	28.22	9.37	8.00	14.0	3.58	101.0
596	1/26/2012 14:31:20	10.87	42.94	27.54	9.41	7.99	28.3	3.52	101.3
597	1/26/2012 14:46:20	10.90	42.96	27.55	9.40	7.99	25.2	3.45	101.3
598	1/26/2012 15:01:20	10.89	43.05	27.61	9.27	7.98	29.9	3.39	99.9
599	1/26/2012 15:16:20	10.87	42.33	27.10	9.29	7.96	27.6	3.28	99.8
600	1/26/2012 15:31:20	10.91	42.55	27.26	9.24	7.96	26.2	3.20	99.4
601	1/26/2012 15:46:20	10.87	41.60	26.59	9.08	7.93	25.7	3.11	97.2
602	1/26/2012 16:01:20	10.87	41.00	26.17	9.00	7.92	29.9	2.99	96.1
603	1/26/2012 16:16:20	10.84	40.37	25.72	8.99	7.90	28.6	2.86	95.7
604	1/26/2012 16:31:20	10.86	40.46	25.78	9.05	7.91	25.2	2.74	96.3
605	1/26/2012 16:46:20	10.91	40.58	25.87	9.28	7.95	21.4	2.65	99.0
606	1/26/2012 17:01:20	10.83	39.76	25.29	8.90	7.89	25.8	2.52	94.4
607	1/26/2012 17:16:20	10.82	39.75	25.29	8.86	7.89	26.1	2.42	94.0
608	1/26/2012 17:31:20	10.79	39.35	25.00	8.92	7.86	25.2	2.30	94.4
609	1/26/2012 17:46:20	10.76	39.28	24.95	8.91	7.86	28.4	2.18	94.1
610	1/26/2012 18:01:20	10.75	39.02	24.77	8.86	7.85	31.8	2.05	93.5
611	1/26/2012 18:16:20	10.75	38.61	24.48	8.84	7.84	35.0	1.92	93.1
612	1/26/2012 18:31:20	10.75	38.42	24.35	8.79	7.82	36.3	1.83	92.5
613	1/26/2012 18:46:20	10.76	38.12	24.14	8.76	7.81	34.1	1.76	92.1
614	1/26/2012 19:01:20	10.81	37.67	23.83	8.75	7.80	29.4	1.67	91.9
615	1/26/2012 19:16:20	10.83	37.34	23.60	8.74	7.79	28.6	1.58	91.7
616	1/26/2012 19:31:20	10.84	37.22	23.52	8.73	7.79	27.7	1.53	91.6
617	1/26/2012 19:46:20	10.83	37.16	23.48	8.67	7.79	23.6	1.56	90.9
618	1/26/2012 20:01:20	10.81	37.63	23.81	8.74	7.79	26.2	1.56	91.8
619	1/26/2012 20:16:20	10.73	37.65	23.82	8.77	7.80	21.8	1.57	91.9
620	1/26/2012 20:31:20	10.74	37.57	23.76	8.76	7.79	21.4	1.63	91.8
621	1/26/2012 20:46:20	10.81	37.62	23.80	8.72	7.79	22.3	1.73	91.6
622	1/26/2012 21:01:20	10.81	37.78	23.91	8.70	7.79	22.4	1.80	91.4
623	1/26/2012 21:16:20	10.80	37.52	23.72	8.71	7.79	22.1	1.87	91.5
624	1/26/2012 21:31:20	10.80	37.56	23.75	8.71	7.79	23.4	1.96	91.4
625	1/26/2012 21:46:20	10.80	37.48	23.70	8.71	7.79	20.1	2.07	91.4
626	1/26/2012 22:01:20	10.79	37.79	23.92	8.77	7.81	20.6	2.15	92.1
627	1/26/2012 22:16:20	10.77	37.89	23.98	8.84	7.82	18.8	2.24	92.9
628	1/26/2012 22:31:20	10.76	39.02	24.77	8.87	7.85	18.0	2.33	93.6
629	1/26/2012 22:46:20	10.78	39.42	25.05	8.90	7.87	19.2	2.43	94.2
630	1/26/2012 23:01:20	10.79	39.51	25.12	8.92	7.87	19.7	2.52	94.4
631	1/26/2012 23:16:20	10.79	39.66	25.22	8.96	7.88	16.8	2.62	94.9
632	1/26/2012 23:31:20	10.79	40.35	25.70	8.97	7.89	19.8	2.73	95.3
633	1/26/2012 23:46:20	10.75	40.10	25.53	9.02	7.89	21.9	2.82	95.6
634	1/27/2012 0:01:20	10.77	40.79	26.01	9.03	7.91	26.6	2.90	96.0
635	1/27/2012 0:16:20	10.77	41.02	26.17	9.07	7.92	27.1	3.00	96.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	1/27/2012 0:31:20	10.74	41.23	26.32	9.13	7.93	30.8	3.10	97.3
637	1/27/2012 0:46:20	10.73	41.54	26.54	9.19	7.94	35.8	3.17	98.0
638	1/27/2012 1:01:20	10.73	42.26	27.05	9.27	7.96	66.0	3.27	99.2
639	1/27/2012 1:16:20	10.65	43.09	27.63	9.48	7.99	40.8	3.37	101.7
640	1/27/2012 1:31:20	10.65	43.54	27.95	9.54	8.00	35.7	3.44	102.5
641	1/27/2012 1:46:20	10.71	44.14	28.38	9.60	8.01	30.5	3.50	103.6
642	1/27/2012 2:01:20	10.68	44.51	28.64	9.59	8.02	27.3	3.57	103.5
643	1/27/2012 2:16:20	10.68	44.87	28.90	9.57	8.02	21.6	3.63	103.6
644	1/27/2012 2:31:20	10.71	45.25	29.17	9.53	8.03	17.1	3.65	103.4
645	1/27/2012 2:46:20	10.70	44.94	28.95	9.44	8.02	14.2	3.68	102.2
646	1/27/2012 3:01:20	10.72	45.28	29.19	9.50	8.03	14.8	3.66	103.0
647	1/27/2012 3:16:20	10.71	45.08	29.05	9.46	8.03	13.9	3.64	102.5
648	1/27/2012 3:31:20	10.70	44.81	28.86	9.52	8.03	16.5	3.58	103.0
649	1/27/2012 3:46:20	10.46	41.25	26.32	9.22	7.95	25.9	3.52	97.6
650	1/27/2012 4:01:20	10.56	42.10	26.92	9.38	7.99	21.7	3.43	100.0
651	1/27/2012 4:16:20	10.44	40.64	25.89	9.37	7.95	25.6	3.34	98.9
652	1/27/2012 4:31:20	10.61	42.17	26.98	9.31	7.97	23.9	3.25	99.3
653	1/27/2012 4:46:20	10.52	40.84	26.04	9.20	7.94	21.4	3.14	97.4
654	1/27/2012 5:01:20	10.48	40.48	25.78	9.15	7.93	17.5	3.06	96.5
655	1/27/2012 5:16:20	10.44	40.36	25.70	9.10	7.92	15.0	2.97	96.0
656	1/27/2012 5:31:20	10.41	39.84	25.33	9.08	7.90	14.3	2.86	95.4
657	1/27/2012 5:46:20	10.42	39.70	25.24	9.01	7.89	13.2	2.77	94.6
658	1/27/2012 6:01:20	10.41	39.21	24.89	8.90	7.87	18.1	2.68	93.3
659	1/27/2012 6:16:20	10.39	39.23	24.90	8.91	7.87	14.7	2.58	93.3
660	1/27/2012 6:31:20	10.35	38.92	24.68	8.84	7.86	13.0	2.49	92.4
661	1/27/2012 6:46:20	10.32	38.66	24.50	8.79	7.85	13.9	2.39	91.7
662	1/27/2012 7:01:20	10.30	38.40	24.32	8.75	7.84	13.6	2.32	91.1
663	1/27/2012 7:16:20	10.30	38.15	24.14	8.71	7.82	13.9	2.24	90.6
664	1/27/2012 7:31:20	10.29	38.13	24.13	8.65	7.82	13.1	2.16	89.9
665	1/27/2012 7:46:20	10.30	37.71	23.84	8.62	7.81	12.0	2.11	89.5
666	1/27/2012 8:01:20	10.29	37.54	23.72	8.55	7.79	11.9	2.08	88.7
667	1/27/2012 8:16:20	10.27	37.67	23.81	8.63	7.80	12.1	2.06	89.6
668	1/27/2012 8:31:20	10.25	37.91	23.98	8.69	7.81	12.3	2.05	90.2
669	1/27/2012 8:46:20	10.32	37.70	23.83	8.67	7.80	11.5	2.08	90.1
670	1/27/2012 9:01:20	10.36	38.20	24.18	8.69	7.82	13.1	2.13	90.6
671	1/27/2012 9:16:20	10.39	38.18	24.17	8.71	7.83	15.0	2.17	90.9
672	1/27/2012 9:31:20	10.38	37.76	23.87	8.72	7.82	15.4	2.24	90.8
673	1/27/2012 9:46:20	10.36	37.54	23.72	8.75	7.81	15.9	2.31	90.9
674	1/27/2012 10:01:20	10.42	37.88	23.96	8.77	7.82	14.3	2.39	91.4
675	1/27/2012 10:16:20	10.43	38.11	24.12	8.83	7.83	15.0	2.47	92.1
676	1/27/2012 10:31:20	10.42	38.26	24.23	8.85	7.84	15.1	2.53	92.4
677	1/27/2012 10:46:20	10.45	38.77	24.58	8.89	7.86	13.1	2.61	93.1
678	1/27/2012 11:01:20	10.48	39.46	25.07	8.94	7.88	12.6	2.68	93.9
679	1/27/2012 11:16:20	10.48	39.61	25.17	9.00	7.88	12.7	2.75	94.6
680	1/27/2012 11:31:20	10.49	39.51	25.10	9.01	7.88	13.4	2.80	94.7
681	1/27/2012 11:46:20	10.52	39.88	25.36	9.05	7.89	10.5	2.87	95.3
682	1/27/2012 12:01:20	10.57	40.50	25.80	9.10	7.91	10.1	2.94	96.2
683	1/27/2012 12:16:20	10.64	40.47	25.78	9.12	7.91	10.0	2.99	96.6
684	1/27/2012 12:31:20	10.64	40.77	25.99	9.13	7.92	10.5	3.06	96.9
685	1/27/2012 12:46:20	10.66	40.86	26.06	9.17	7.93	10.7	3.12	97.3
686	1/27/2012 13:01:20	10.62	41.53	26.53	9.20	7.95	11.5	3.18	97.9
687	1/27/2012 13:16:20	10.61	42.70	27.35	9.23	7.97	11.8	3.24	98.7
688	1/27/2012 13:31:20	10.61	43.26	27.75	9.23	7.98	12.5	3.29	98.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	1/27/2012 13:46:20	10.61	43.33	27.80	9.25	7.98	11.5	3.34	99.1
	Mean	9.96	42.23	26.99	9.13	7.93	26.41	2.76	96.08
	Minimum	9.02	37.16	23.48	8.32	7.79	6.60	1.12	87.10
	Maximum	10.91	49.36	32.06	9.85	8.08	113.00	4.21	106.90

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
0	1/27/2012 14:31:19	10.65	42.84	27.45	9.30	7.88	8.1	3.25	99.6
1	1/27/2012 14:46:19	10.62	43.15	27.67	9.30	7.89	8.9	3.23	99.6
2	1/27/2012 15:01:19	10.62	43.12	27.65	9.29	7.89	9.2	3.21	99.5
3	1/27/2012 15:16:19	10.70	42.27	27.05	9.25	7.88	12.3	3.15	99.0
4	1/27/2012 15:31:19	10.67	42.36	27.11	9.24	7.88	12.5	3.08	98.8
5	1/27/2012 15:46:19	10.79	41.50	26.51	9.24	7.82	15.1	3.02	98.7
6	1/27/2012 16:01:19	10.75	41.24	26.33	9.22	7.81	18.1	2.92	98.2
7	1/27/2012 16:16:19	10.79	40.72	25.96	9.16	7.80	18.9	2.82	97.5
8	1/27/2012 16:31:19	11.08	40.05	25.50	9.30	7.81	21.1	2.75	99.3
9	1/27/2012 16:46:19	11.00	39.49	25.11	9.13	7.77	21.6	2.64	97.1
10	1/27/2012 17:01:19	10.92	39.45	25.07	9.10	7.76	17.5	2.55	96.5
11	1/27/2012 17:16:19	10.90	39.01	24.77	9.06	7.75	18.3	2.45	95.9
12	1/27/2012 17:31:19	10.89	38.90	24.69	9.10	7.76	16.7	2.35	96.2
13	1/27/2012 17:46:19	10.86	38.62	24.50	9.11	7.75	15.9	2.24	96.2
14	1/27/2012 18:01:19	10.82	38.52	24.42	9.06	7.75	16.1	2.15	95.6
15	1/27/2012 18:16:19	10.82	38.32	24.28	9.03	7.73	16.8	2.04	95.1
16	1/27/2012 18:31:18	10.85	37.92	24.01	9.02	7.83	17.7	1.95	94.9
17	1/27/2012 18:46:18	10.81	37.80	23.92	9.03	7.83	17.2	1.86	94.9
18	1/27/2012 19:01:18	10.79	37.62	23.79	8.99	7.83	17.3	1.76	94.3
19	1/27/2012 19:16:18	10.77	37.38	23.63	8.96	7.82	17.3	1.70	93.9
20	1/27/2012 19:31:19	10.77	37.35	23.61	8.92	7.70	19.1	1.63	93.5
21	1/27/2012 19:46:19	10.81	37.29	23.57	8.91	7.69	15.5	1.59	93.4
22	1/27/2012 20:01:19	10.88	37.54	23.74	8.82	7.69	13.6	1.57	92.7
23	1/27/2012 20:16:19	10.75	37.50	23.71	8.88	7.70	15.2	1.54	93.0
24	1/27/2012 20:31:19	10.70	37.52	23.73	8.91	7.70	13.6	1.57	93.3
25	1/27/2012 20:46:19	10.80	37.81	23.93	8.89	7.70	13.8	1.61	93.4
26	1/27/2012 21:01:19	10.77	37.75	23.89	8.92	7.70	13.5	1.64	93.6
27	1/27/2012 21:16:18	10.78	37.73	23.87	8.91	7.81	12.3	1.70	93.5
28	1/27/2012 21:31:19	10.79	37.85	23.96	8.90	7.70	12.2	1.76	93.5
29	1/27/2012 21:46:19	10.81	37.64	23.81	8.90	7.69	12.4	1.83	93.4
30	1/27/2012 22:01:19	10.83	37.96	24.03	8.88	7.69	12.2	1.92	93.5
31	1/27/2012 22:16:19	10.86	38.10	24.14	8.87	7.70	11.5	1.99	93.4
32	1/27/2012 22:31:19	10.84	38.02	24.07	8.92	7.70	12.2	2.07	93.9
33	1/27/2012 22:46:19	10.82	37.91	24.00	8.97	7.71	12.0	2.17	94.3
34	1/27/2012 23:01:19	10.80	38.28	24.25	8.99	7.72	12.0	2.27	94.7
35	1/27/2012 23:16:18	10.77	38.64	24.51	9.03	7.84	12.1	2.33	95.1
36	1/27/2012 23:31:19	10.75	38.78	24.60	9.06	7.73	10.4	2.45	95.5
37	1/27/2012 23:46:19	10.76	39.53	25.13	9.07	7.75	11.2	2.53	96.0
38	1/28/2012 0:01:19	10.68	39.60	25.18	9.10	7.76	11.6	2.61	96.2
39	1/28/2012 0:16:19	10.55	39.40	25.03	9.19	7.77	11.2	2.69	96.7
40	1/28/2012 0:31:18	10.49	39.81	25.31	9.22	7.89	12.0	2.76	97.0
41	1/28/2012 0:46:19	10.71	41.34	26.40	9.16	7.80	17.5	2.85	97.6
42	1/28/2012 1:01:19	10.73	42.25	27.04	9.19	7.82	19.6	2.93	98.4
43	1/28/2012 1:16:19	10.73	42.63	27.31	9.22	7.83	21.7	3.03	98.8
44	1/28/2012 1:31:19	10.74	42.89	27.50	9.24	7.91	32.0	3.10	99.2
45	1/28/2012 1:46:19	10.65	43.36	27.83	9.32	7.92	39.1	3.18	100.0
46	1/28/2012 2:01:19	10.63	43.99	28.27	9.41	7.94	25.6	3.26	101.3
47	1/28/2012 2:16:19	10.63	44.40	28.56	9.45	7.95	24.6	3.33	101.9
48	1/28/2012 2:31:19	10.64	44.73	28.80	9.47	7.88	19.7	3.38	102.3
49	1/28/2012 2:46:19	10.62	45.25	29.16	9.45	7.89	20.9	3.42	102.2
50	1/28/2012 3:01:19	10.60	45.41	29.28	9.44	7.89	17.1	3.45	102.2
51	1/28/2012 3:16:19	10.60	45.61	29.42	9.36	7.89	9.7	3.47	101.4
52	1/28/2012 3:31:19	10.61	45.47	29.32	9.38	7.89	11.5	3.46	101.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
53	1/28/2012 3:46:19	10.61	45.58	29.40	9.41	7.89	12.5	3.43	102.0
54	1/28/2012 4:01:19	10.61	45.01	28.99	9.41	7.96	12.8	3.39	101.6
55	1/28/2012 4:16:19	10.57	44.24	28.44	9.33	7.86	17.9	3.33	100.4
56	1/28/2012 4:31:19	10.27	40.86	26.04	9.14	7.79	16.2	3.27	96.2
57	1/28/2012 4:46:19	10.39	41.88	26.76	9.16	7.81	19.3	3.17	97.2
58	1/28/2012 5:01:19	10.31	41.63	26.58	9.11	7.81	16.3	3.08	96.3
59	1/28/2012 5:16:19	10.20	40.78	25.98	9.15	7.79	13.6	3.01	96.1
60	1/28/2012 5:31:19	10.20	40.54	25.81	9.10	7.78	12.0	2.90	95.5
61	1/28/2012 5:46:19	10.23	41.10	26.20	9.11	7.79	10.5	2.82	96.0
62	1/28/2012 6:01:19	10.20	41.30	26.35	9.12	7.79	9.1	2.73	96.0
63	1/28/2012 6:16:19	10.16	40.99	26.13	9.11	7.79	9.2	2.66	95.8
64	1/28/2012 6:31:19	10.11	39.82	25.30	9.05	7.76	11.1	2.57	94.5
65	1/28/2012 6:46:19	10.00	39.75	25.25	9.03	7.76	11.8	2.49	94.0
66	1/28/2012 7:01:19	9.97	39.06	24.76	8.96	7.73	11.1	2.37	92.9
67	1/28/2012 7:16:19	9.94	39.21	24.87	8.94	7.73	9.9	2.29	92.7
68	1/28/2012 7:31:19	9.82	39.34	24.95	8.93	7.73	9.7	2.21	92.4
69	1/28/2012 7:46:19	9.77	39.00	24.72	8.89	7.72	10.0	2.12	91.8
70	1/28/2012 8:01:19	9.88	38.60	24.44	8.85	7.71	10.4	2.05	91.4
71	1/28/2012 8:16:19	9.81	38.47	24.35	8.82	7.70	10.0	1.97	90.9
72	1/28/2012 8:31:19	9.77	38.28	24.21	8.83	7.70	9.4	1.91	90.8
73	1/28/2012 8:46:19	9.78	38.07	24.06	8.80	7.69	9.4	1.88	90.5
74	1/28/2012 9:01:19	9.93	38.80	24.58	8.81	7.72	9.2	1.88	91.2
75	1/28/2012 9:16:19	9.77	38.18	24.14	8.86	7.70	11.9	1.86	91.1
76	1/28/2012 9:31:19	9.86	38.10	24.09	8.84	7.69	8.4	1.86	91.0
77	1/28/2012 9:46:19	10.10	38.93	24.68	8.85	7.72	10.6	1.93	92.0
78	1/28/2012 10:01:19	9.99	38.25	24.20	8.88	7.70	8.7	1.97	91.8
79	1/28/2012 10:16:19	9.98	38.25	24.20	8.86	7.70	10.3	2.01	91.5
80	1/28/2012 10:31:19	9.92	37.80	23.89	8.90	7.69	11.2	2.09	91.7
81	1/28/2012 10:46:19	10.02	38.09	24.09	8.89	7.70	10.1	2.14	91.9
82	1/28/2012 11:01:19	10.09	38.45	24.34	8.89	7.71	10.1	2.21	92.2
83	1/28/2012 11:16:19	10.11	38.82	24.60	8.92	7.72	9.4	2.27	92.7
84	1/28/2012 11:31:19	10.15	39.35	24.97	8.94	7.73	8.9	2.33	93.3
85	1/28/2012 11:46:19	10.20	40.02	25.45	8.96	7.75	9.1	2.38	93.8
86	1/28/2012 12:01:19	10.22	40.09	25.50	8.99	7.75	8.8	2.45	94.2
87	1/28/2012 12:16:19	10.24	40.19	25.57	9.01	7.76	8.4	2.51	94.5
88	1/28/2012 12:31:19	10.29	40.23	25.60	9.03	7.76	8.1	2.56	94.8
89	1/28/2012 12:46:19	10.30	40.91	26.08	9.04	7.77	8.1	2.62	95.3
90	1/28/2012 13:01:19	10.32	40.90	26.07	9.06	7.77	7.7	2.67	95.5
91	1/28/2012 13:16:19	10.37	41.16	26.25	9.08	7.78	7.3	2.72	95.9
92	1/28/2012 13:31:19	10.41	41.33	26.38	9.11	7.79	7.3	2.77	96.4
93	1/28/2012 13:46:19	10.45	41.60	26.57	9.13	7.80	7.6	2.81	96.8
94	1/28/2012 14:01:19	10.36	42.22	27.00	9.12	7.81	8.0	2.87	96.8
95	1/28/2012 14:16:19	10.37	42.69	27.34	9.13	7.82	8.6	2.90	97.1
96	1/28/2012 14:31:19	10.43	42.58	27.26	9.16	7.82	7.8	2.94	97.5
97	1/28/2012 14:46:19	10.41	42.91	27.49	9.13	7.82	7.3	2.96	97.3
98	1/28/2012 15:01:19	10.40	43.05	27.59	9.10	7.82	7.2	2.98	97.0
99	1/28/2012 15:16:19	10.42	42.18	26.98	9.06	7.81	6.4	2.99	96.3
100	1/28/2012 15:31:19	10.39	42.75	27.38	9.06	7.81	7.6	2.97	96.4
101	1/28/2012 15:46:19	10.38	42.71	27.35	9.06	7.81	7.5	2.96	96.4
102	1/28/2012 16:01:19	10.42	42.12	26.94	9.03	7.80	7.6	2.93	96.0
103	1/28/2012 16:16:19	10.43	42.09	26.91	9.05	7.80	9.2	2.87	96.1
104	1/28/2012 16:31:19	10.79	40.67	25.93	9.14	7.78	8.1	2.82	97.3
105	1/28/2012 16:46:19	10.57	41.16	26.27	9.12	7.79	11.2	2.75	96.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
106	1/28/2012 17:01:19	10.54	40.90	26.08	9.08	7.78	13.1	2.67	96.1
107	1/28/2012 17:16:19	10.70	40.23	25.62	9.08	7.85	10.2	2.61	96.2
108	1/28/2012 17:31:19	10.74	39.53	25.12	9.15	7.75	10.4	2.52	96.7
109	1/28/2012 17:46:19	10.70	39.54	25.13	9.13	7.76	9.5	2.44	96.5
110	1/28/2012 18:01:19	10.70	39.19	24.89	9.31	7.77	8.9	2.38	98.2
111	1/28/2012 18:16:19	10.68	39.02	24.76	9.15	7.76	9.7	2.29	96.4
112	1/28/2012 18:31:19	10.75	38.87	24.67	9.30	7.78	9.0	2.20	98.1
113	1/28/2012 18:46:19	10.64	38.88	24.67	9.11	7.82	10.0	2.12	95.9
114	1/28/2012 19:01:19	10.65	38.80	24.62	9.19	7.76	10.2	2.05	96.6
115	1/28/2012 19:16:19	10.60	38.82	24.62	9.13	7.75	9.8	1.98	96.0
116	1/28/2012 19:31:18	10.59	38.44	24.36	9.16	7.86	10.2	1.91	96.0
117	1/28/2012 19:46:18	10.56	38.30	24.26	9.13	7.86	10.6	1.85	95.7
118	1/28/2012 20:01:19	10.52	38.21	24.19	9.16	7.74	10.6	1.79	95.8
119	1/28/2012 20:16:19	10.49	38.12	24.13	9.03	7.72	10.4	1.77	94.4
120	1/28/2012 20:31:19	10.55	38.85	24.64	8.90	7.72	8.2	1.75	93.4
121	1/28/2012 20:46:19	10.42	38.02	24.06	9.07	7.72	9.5	1.75	94.6
122	1/28/2012 21:01:19	10.43	37.98	24.03	9.09	7.72	9.0	1.76	94.8
123	1/28/2012 21:16:19	10.55	38.80	24.61	9.01	7.80	9.8	1.78	94.5
124	1/28/2012 21:31:19	10.49	38.42	24.34	9.05	7.80	9.4	1.82	94.7
125	1/28/2012 21:46:19	10.53	38.77	24.59	8.98	7.72	9.5	1.85	94.1
126	1/28/2012 22:01:19	10.52	38.57	24.45	9.01	7.72	8.8	1.89	94.4
127	1/28/2012 22:16:19	10.53	38.90	24.67	8.96	7.72	8.1	1.96	94.1
128	1/28/2012 22:31:19	10.51	38.63	24.49	9.00	7.79	9.2	2.03	94.3
129	1/28/2012 22:46:19	10.53	38.79	24.60	9.01	7.72	10.9	2.09	94.5
130	1/28/2012 23:01:19	10.52	38.82	24.62	9.02	7.72	8.9	2.15	94.6
131	1/28/2012 23:16:19	10.55	39.29	24.95	9.03	7.74	8.7	2.23	94.9
132	1/28/2012 23:31:19	10.55	39.69	25.23	9.03	7.75	8.5	2.32	95.2
133	1/28/2012 23:46:19	10.56	39.38	25.02	9.07	7.74	9.5	2.39	95.4
134	1/29/2012 0:01:19	10.56	40.01	25.46	9.07	7.76	8.7	2.46	95.7
135	1/29/2012 0:16:19	10.56	40.20	25.59	9.08	7.76	8.5	2.55	95.9
136	1/29/2012 0:31:19	10.52	40.22	25.60	9.11	7.76	8.3	2.62	96.1
137	1/29/2012 0:46:19	10.35	40.28	25.64	9.15	7.77	7.8	2.70	96.3
138	1/29/2012 1:01:19	10.38	40.64	25.89	9.18	7.78	10.8	2.77	96.8
139	1/29/2012 1:16:19	10.32	40.66	25.90	9.19	7.78	7.6	2.86	96.8
140	1/29/2012 1:31:19	10.32	40.68	25.92	9.23	7.79	12.6	2.93	97.2
141	1/29/2012 1:46:19	10.30	41.50	26.49	9.23	7.80	9.2	3.01	97.5
142	1/29/2012 2:01:19	10.36	42.76	27.38	9.20	7.82	8.6	3.09	97.9
143	1/29/2012 2:16:19	10.47	44.46	28.60	9.23	7.85	16.9	3.17	99.2
144	1/29/2012 2:31:19	10.47	44.90	28.91	9.26	7.85	19.4	3.24	99.7
145	1/29/2012 2:46:19	10.46	45.19	29.12	9.32	7.86	23.4	3.31	100.5
146	1/29/2012 3:01:19	10.45	45.52	29.35	9.34	7.87	13.7	3.36	100.8
147	1/29/2012 3:16:19	10.43	45.70	29.48	9.37	7.88	11.9	3.41	101.1
148	1/29/2012 3:31:19	10.42	45.82	29.56	9.38	7.88	10.9	3.45	101.3
149	1/29/2012 3:46:19	10.40	45.95	29.66	9.35	7.97	8.5	3.46	101.0
150	1/29/2012 4:01:19	10.42	45.78	29.53	9.34	7.88	10.1	3.44	100.8
151	1/29/2012 4:16:19	10.40	45.93	29.64	9.35	7.96	10.5	3.44	100.9
152	1/29/2012 4:31:19	10.40	45.79	29.54	9.38	7.88	10.0	3.39	101.2
153	1/29/2012 4:46:19	10.23	43.35	27.79	9.26	7.83	10.3	3.33	98.5
154	1/29/2012 5:01:19	10.21	43.08	27.60	9.12	7.83	9.8	3.28	96.8
155	1/29/2012 5:16:19	10.22	42.39	27.11	9.08	7.80	8.5	3.21	96.1
156	1/29/2012 5:31:19	10.25	42.85	27.44	9.07	7.81	11.2	3.12	96.3
157	1/29/2012 5:46:19	10.24	42.48	27.18	9.07	7.80	17.3	3.05	96.1
158	1/29/2012 6:01:19	10.34	43.32	27.78	9.11	7.82	12.0	2.98	97.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
159	1/29/2012 6:16:19	10.32	43.12	27.64	9.09	7.90	12.1	2.87	96.8
160	1/29/2012 6:31:19	10.10	41.87	26.74	9.04	7.79	7.8	2.79	95.2
161	1/29/2012 6:46:19	10.05	41.47	26.46	9.04	7.78	7.5	2.72	95.0
162	1/29/2012 7:01:19	9.99	41.25	26.30	9.03	7.77	7.3	2.62	94.6
163	1/29/2012 7:16:19	9.93	41.00	26.12	9.02	7.77	6.8	2.54	94.3
164	1/29/2012 7:31:19	9.89	40.68	25.89	9.01	7.76	7.7	2.46	93.9
165	1/29/2012 7:46:19	9.86	40.30	25.63	8.94	7.75	7.4	2.37	93.0
166	1/29/2012 8:01:19	9.86	39.90	25.35	8.91	7.73	7.5	2.28	92.6
167	1/29/2012 8:16:19	9.81	40.02	25.43	8.88	7.73	7.2	2.21	92.2
168	1/29/2012 8:31:19	9.82	39.82	25.29	8.87	7.73	7.6	2.13	92.0
169	1/29/2012 8:46:19	9.81	39.57	25.11	8.87	7.72	7.6	2.05	91.9
170	1/29/2012 9:01:19	9.81	39.40	24.99	8.87	7.72	7.9	1.99	91.7
171	1/29/2012 9:16:19	9.82	39.19	24.85	8.86	7.71	7.8	1.97	91.6
172	1/29/2012 9:31:19	9.95	39.56	25.11	8.75	7.72	7.3	1.92	90.9
173	1/29/2012 9:46:19	9.92	39.55	25.10	8.84	7.72	7.2	1.88	91.7
174	1/29/2012 10:01:19	9.91	39.55	25.10	8.87	7.72	7.7	1.90	92.1
175	1/29/2012 10:16:19	9.95	39.53	25.09	8.87	7.72	7.3	1.92	92.2
176	1/29/2012 10:31:19	10.00	39.25	24.90	8.87	7.71	7.2	1.91	92.1
177	1/29/2012 10:46:19	10.04	39.69	25.21	8.87	7.72	7.2	1.95	92.4
178	1/29/2012 11:01:19	10.04	39.98	25.41	8.86	7.73	7.9	2.02	92.5
179	1/29/2012 11:16:19	10.04	39.89	25.35	8.86	7.80	7.6	2.04	92.4
180	1/29/2012 11:31:19	10.07	40.05	25.46	8.87	7.73	7.4	2.09	92.6
181	1/29/2012 11:46:19	10.08	39.97	25.41	8.89	7.80	7.6	2.14	92.8
182	1/29/2012 12:01:19	10.08	39.98	25.41	8.90	7.80	7.6	2.19	92.9
183	1/29/2012 12:16:19	10.12	40.43	25.73	8.89	7.74	7.4	2.25	93.1
184	1/29/2012 12:31:19	10.12	40.64	25.88	8.91	7.75	7.4	2.28	93.3
185	1/29/2012 12:46:19	10.13	41.12	26.22	8.92	7.76	7.6	2.34	93.7
186	1/29/2012 13:01:19	10.13	41.27	26.32	8.96	7.76	7.2	2.38	94.2
187	1/29/2012 13:16:19	10.15	41.43	26.43	8.97	7.77	7.3	2.44	94.4
188	1/29/2012 13:31:19	10.15	41.53	26.50	8.98	7.77	7.0	2.49	94.5
189	1/29/2012 13:46:19	10.15	41.35	26.38	8.99	7.77	6.9	2.51	94.6
190	1/29/2012 14:01:19	10.17	41.78	26.68	9.00	7.85	6.7	2.57	94.9
191	1/29/2012 14:16:19	10.19	42.14	26.94	9.02	7.79	6.5	2.63	95.4
192	1/29/2012 14:31:19	10.22	42.52	27.20	9.03	7.79	6.7	2.66	95.7
193	1/29/2012 14:46:19	10.23	42.17	26.96	9.07	7.79	6.5	2.70	95.9
194	1/29/2012 15:01:19	10.28	41.85	26.74	9.12	7.79	6.2	2.74	96.4
195	1/29/2012 15:16:19	10.25	42.28	27.04	9.09	7.79	6.4	2.79	96.3
196	1/29/2012 15:31:19	10.25	42.40	27.12	9.09	7.80	6.2	2.81	96.3
197	1/29/2012 15:46:19	10.24	42.74	27.36	9.01	7.80	6.2	2.81	95.6
198	1/29/2012 16:01:19	10.23	42.06	26.88	9.01	7.78	6.2	2.85	95.3
199	1/29/2012 16:16:19	10.23	41.93	26.79	9.00	7.78	6.1	2.86	95.1
200	1/29/2012 16:31:19	10.23	42.55	27.23	8.93	7.79	5.7	2.82	94.6
201	1/29/2012 16:46:19	10.24	42.48	27.18	9.01	7.79	6.8	2.81	95.4
202	1/29/2012 17:01:19	10.29	41.50	26.49	9.03	7.86	6.4	2.80	95.4
203	1/29/2012 17:16:19	10.27	41.79	26.69	9.02	7.86	8.1	2.73	95.3
204	1/29/2012 17:31:19	10.31	41.40	26.42	9.07	7.78	6.4	2.70	95.8
205	1/29/2012 17:46:19	10.31	41.39	26.41	9.04	7.77	7.4	2.65	95.5
206	1/29/2012 18:01:19	10.29	41.34	26.38	9.05	7.77	9.4	2.58	95.5
207	1/29/2012 18:16:19	10.25	41.10	26.20	8.97	7.84	9.6	2.51	94.5
208	1/29/2012 18:31:19	10.26	40.89	26.06	8.97	7.76	8.4	2.45	94.4
209	1/29/2012 18:46:19	10.28	39.82	25.31	9.06	7.74	8.9	2.38	95.0
210	1/29/2012 19:01:19	10.27	39.78	25.28	9.05	7.74	8.9	2.31	94.7
211	1/29/2012 19:16:19	10.25	39.74	25.25	9.04	7.74	8.8	2.26	94.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
212	1/29/2012 19:31:19	10.24	39.94	25.39	8.98	7.74	9.0	2.19	94.1
213	1/29/2012 19:46:19	10.27	39.53	25.11	9.06	7.75	8.1	2.16	94.7
214	1/29/2012 20:01:19	10.25	39.30	24.95	9.02	7.73	8.3	2.12	94.2
215	1/29/2012 20:16:19	10.23	40.13	25.53	8.85	7.73	6.7	2.06	92.8
216	1/29/2012 20:31:19	10.29	39.48	25.07	9.07	7.82	8.1	2.04	94.9
217	1/29/2012 20:46:19	10.27	39.61	25.16	8.93	7.74	7.4	2.03	93.5
218	1/29/2012 21:01:19	10.26	39.17	24.86	9.00	7.74	7.6	2.01	94.0
219	1/29/2012 21:16:19	10.26	39.23	24.90	9.00	7.73	8.0	2.00	94.0
220	1/29/2012 21:31:19	10.25	39.29	24.94	9.02	7.81	7.7	2.00	94.3
221	1/29/2012 21:46:19	10.26	39.36	24.99	9.02	7.73	8.1	2.02	94.3
222	1/29/2012 22:01:19	10.25	38.98	24.72	9.10	7.73	6.5	2.03	94.9
223	1/29/2012 22:16:19	10.23	38.90	24.66	9.08	7.72	6.5	2.04	94.7
224	1/29/2012 22:31:19	10.24	39.50	25.09	8.96	7.73	9.2	2.09	93.7
225	1/29/2012 22:46:19	10.25	39.83	25.31	8.92	7.80	8.3	2.15	93.4
226	1/29/2012 23:01:19	10.23	39.87	25.34	8.93	7.73	8.1	2.16	93.5
227	1/29/2012 23:16:19	10.23	40.12	25.52	8.92	7.81	8.1	2.22	93.5
228	1/29/2012 23:31:19	10.25	40.78	25.98	8.93	7.75	8.0	2.30	93.9
229	1/29/2012 23:46:19	10.25	40.82	26.01	8.97	7.83	8.4	2.34	94.3
230	1/30/2012 0:01:19	10.25	40.63	25.88	8.99	7.82	8.7	2.41	94.5
231	1/30/2012 0:16:19	10.27	41.40	26.42	8.99	7.77	7.1	2.47	94.8
232	1/30/2012 0:31:19	10.27	41.30	26.35	9.02	7.77	7.6	2.53	95.1
233	1/30/2012 0:46:19	10.29	42.13	26.93	9.03	7.78	6.8	2.60	95.6
234	1/30/2012 1:01:19	10.30	42.16	26.96	9.04	7.87	7.0	2.68	95.8
235	1/30/2012 1:16:19	10.30	41.81	26.71	9.07	7.86	7.5	2.74	95.9
236	1/30/2012 1:31:19	10.30	41.34	26.38	9.11	7.78	8.1	2.81	96.1
237	1/30/2012 1:46:19	10.29	41.63	26.58	9.12	7.78	8.7	2.88	96.4
238	1/30/2012 2:01:19	10.27	41.84	26.73	9.13	7.79	6.8	2.96	96.6
239	1/30/2012 2:16:19	10.27	42.46	27.16	9.12	7.80	7.8	3.02	96.7
240	1/30/2012 2:31:19	10.30	44.28	28.45	9.07	7.91	7.9	3.09	97.1
241	1/30/2012 2:46:19	10.29	44.26	28.45	9.10	7.91	7.4	3.16	97.3
242	1/30/2012 3:01:19	10.30	44.88	28.88	9.09	7.84	7.8	3.22	97.5
243	1/30/2012 3:16:19	10.32	45.47	29.30	9.10	7.93	9.2	3.28	97.9
244	1/30/2012 3:31:19	10.32	45.57	29.38	9.13	7.94	9.7	3.34	98.2
245	1/30/2012 3:46:19	10.31	45.67	29.45	9.14	7.94	10.4	3.37	98.4
246	1/30/2012 4:01:19	10.31	45.71	29.48	9.14	7.94	7.9	3.39	98.4
247	1/30/2012 4:16:19	10.31	45.76	29.51	9.14	7.94	6.9	3.42	98.5
248	1/30/2012 4:31:19	10.31	45.62	29.41	9.09	7.85	6.7	3.43	97.9
249	1/30/2012 4:46:19	10.31	45.74	29.50	9.09	7.94	8.7	3.40	97.9
250	1/30/2012 5:01:19	10.31	45.72	29.49	9.12	7.86	8.6	3.38	98.2
251	1/30/2012 5:16:19	10.31	45.48	29.31	9.05	7.85	7.6	3.37	97.4
252	1/30/2012 5:31:19	10.23	43.49	27.89	8.94	7.80	7.5	3.30	95.2
253	1/30/2012 5:46:19	10.26	43.96	28.23	8.95	7.81	9.1	3.22	95.5
254	1/30/2012 6:01:19	10.22	42.59	27.26	8.93	7.78	7.9	3.18	94.6
255	1/30/2012 6:16:19	10.20	42.65	27.30	8.95	7.79	8.0	3.11	94.8
256	1/30/2012 6:31:19	10.26	43.74	28.08	8.95	7.89	9.0	3.01	95.4
257	1/30/2012 6:46:19	10.24	43.29	27.75	8.99	7.89	10.1	2.94	95.6
258	1/30/2012 7:01:19	10.19	42.64	27.29	8.96	7.86	8.9	2.87	94.9
259	1/30/2012 7:16:19	10.16	41.89	26.76	8.92	7.77	6.7	2.79	94.1
260	1/30/2012 7:31:19	10.15	41.78	26.68	8.90	7.84	6.5	2.71	93.8
261	1/30/2012 7:46:19	10.15	41.59	26.54	8.90	7.76	6.1	2.64	93.7
262	1/30/2012 8:01:19	10.16	41.21	26.28	8.86	7.75	6.4	2.55	93.2
263	1/30/2012 8:16:19	10.16	41.30	26.34	8.85	7.82	6.5	2.47	93.1
264	1/30/2012 8:31:19	10.16	41.06	26.17	8.83	7.82	6.9	2.39	92.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	1/30/2012 8:46:19	10.18	40.85	26.03	8.81	7.74	7.5	2.31	92.5
266	1/30/2012 9:01:19	10.19	40.78	25.98	8.80	7.81	7.4	2.22	92.4
267	1/30/2012 9:16:19	10.20	40.74	25.95	8.77	7.73	6.5	2.15	92.2
268	1/30/2012 9:31:19	10.22	40.47	25.76	8.78	7.72	6.5	2.09	92.1
269	1/30/2012 9:46:19	10.24	40.16	25.55	8.79	7.72	6.5	2.01	92.2
270	1/30/2012 10:01:19	10.26	40.03	25.46	8.80	7.71	6.9	1.96	92.3
271	1/30/2012 10:16:19	10.28	39.75	25.26	8.80	7.71	6.7	1.93	92.2
272	1/30/2012 10:31:19	10.26	40.43	25.74	8.69	7.72	6.3	1.89	91.2
273	1/30/2012 10:46:19	10.30	39.96	25.41	8.76	7.79	7.8	1.87	91.9
274	1/30/2012 11:01:19	10.25	40.33	25.66	8.77	7.72	7.1	1.87	92.0
275	1/30/2012 11:16:19	10.32	40.06	25.48	8.78	7.72	7.0	1.87	92.2
276	1/30/2012 11:31:19	10.38	39.88	25.35	8.81	7.71	6.4	1.90	92.5
277	1/30/2012 11:46:19	10.25	40.58	25.84	8.75	7.80	6.9	1.92	91.9
278	1/30/2012 12:01:19	10.23	40.65	25.89	8.74	7.80	6.9	1.97	91.8
279	1/30/2012 12:16:19	10.27	40.38	25.70	8.73	7.72	6.8	1.99	91.7
280	1/30/2012 12:31:19	10.25	40.78	25.98	8.72	7.73	6.7	2.04	91.7
281	1/30/2012 12:46:19	10.24	40.81	26.00	8.73	7.73	7.3	2.09	91.8
282	1/30/2012 13:01:19	10.24	40.75	25.96	8.72	7.80	6.8	2.10	91.7
283	1/30/2012 13:16:19	10.23	40.96	26.10	8.72	7.73	6.8	2.16	91.8
284	1/30/2012 13:31:19	10.24	40.99	26.13	8.71	7.81	6.8	2.20	91.7
285	1/30/2012 13:46:19	10.23	41.32	26.36	8.73	7.74	6.7	2.24	92.0
286	1/30/2012 14:01:19	10.23	41.48	26.48	8.75	7.82	6.4	2.27	92.2
287	1/30/2012 14:16:19	10.23	41.44	26.45	8.78	7.75	6.4	2.32	92.6
288	1/30/2012 14:31:19	10.23	41.65	26.60	8.79	7.75	6.4	2.37	92.7
289	1/30/2012 14:46:19	10.23	41.81	26.71	8.79	7.76	6.2	2.41	92.8
290	1/30/2012 15:01:19	10.24	41.80	26.70	8.81	7.76	6.2	2.45	93.1
291	1/30/2012 15:16:19	10.24	41.86	26.74	8.84	7.84	6.1	2.49	93.4
292	1/30/2012 15:31:19	10.25	41.98	26.83	8.81	7.76	6.1	2.51	93.2
293	1/30/2012 15:46:19	10.29	41.97	26.82	8.82	7.84	6.0	2.56	93.3
294	1/30/2012 16:01:19	10.25	42.55	27.23	8.85	7.86	5.7	2.60	93.8
295	1/30/2012 16:16:19	10.27	42.58	27.25	8.87	7.78	5.5	2.62	94.1
296	1/30/2012 16:31:19	10.28	42.67	27.32	8.86	7.86	5.3	2.65	94.1
297	1/30/2012 16:46:19	10.31	42.41	27.13	8.85	7.78	5.3	2.69	93.9
298	1/30/2012 17:01:19	10.27	43.14	27.65	8.82	7.79	5.5	2.71	93.8
299	1/30/2012 17:16:19	10.26	43.32	27.77	8.70	7.78	4.9	2.71	92.6
300	1/30/2012 17:31:19	10.27	43.20	27.69	8.74	7.79	5.1	2.71	93.0
301	1/30/2012 17:46:19	10.25	42.90	27.48	8.76	7.86	5.9	2.72	93.0
302	1/30/2012 18:01:19	10.26	42.86	27.45	8.80	7.86	6.1	2.71	93.4
303	1/30/2012 18:16:19	10.26	42.46	27.17	8.80	7.77	7.0	2.67	93.3
304	1/30/2012 18:31:19	10.26	42.65	27.30	8.70	7.85	6.7	2.64	92.3
305	1/30/2012 18:46:19	10.28	42.26	27.02	8.75	7.84	7.0	2.60	92.7
306	1/30/2012 19:01:19	10.34	41.90	26.77	8.80	7.76	7.3	2.55	93.2
307	1/30/2012 19:16:19	10.30	42.11	26.92	8.78	7.76	7.3	2.49	93.0
308	1/30/2012 19:31:19	10.56	41.28	26.35	8.84	7.75	7.3	2.45	93.8
309	1/30/2012 19:46:19	10.69	40.68	25.93	8.94	7.75	7.0	2.41	95.0
310	1/30/2012 20:01:19	10.67	40.76	25.98	8.90	7.83	7.3	2.35	94.5
311	1/30/2012 20:16:19	10.62	40.64	25.90	8.89	7.82	7.0	2.31	94.2
312	1/30/2012 20:31:19	10.53	40.89	26.07	8.79	7.82	6.7	2.28	93.1
313	1/30/2012 20:46:19	10.52	40.88	26.07	8.80	7.74	6.5	2.24	93.1
314	1/30/2012 21:01:19	10.57	40.78	25.99	8.82	7.74	6.7	2.23	93.4
315	1/30/2012 21:16:19	10.58	40.59	25.86	8.80	7.81	6.3	2.22	93.2
316	1/30/2012 21:31:19	10.55	40.76	25.98	8.78	7.82	6.5	2.18	92.9
317	1/30/2012 21:46:19	10.52	40.82	26.02	8.70	7.81	5.5	2.19	92.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
318	1/30/2012 22:01:19	10.78	40.65	25.92	8.87	7.75	6.8	2.20	94.3
319	1/30/2012 22:16:19	10.78	40.59	25.87	8.89	7.75	6.7	2.18	94.5
320	1/30/2012 22:31:19	10.88	40.65	25.92	8.84	7.76	7.1	2.18	94.2
321	1/30/2012 22:46:19	10.72	40.48	25.79	8.88	7.82	7.2	2.21	94.2
322	1/30/2012 23:01:19	10.62	40.28	25.65	8.91	7.82	6.3	2.24	94.2
323	1/30/2012 23:16:19	10.65	40.70	25.94	8.85	7.74	7.1	2.26	93.8
324	1/30/2012 23:31:19	10.60	40.51	25.81	8.77	7.73	7.2	2.28	92.9
325	1/30/2012 23:46:19	10.46	41.35	26.39	8.74	7.74	6.3	2.33	92.5
326	1/31/2012 0:01:19	10.45	41.60	26.57	8.74	7.75	6.5	2.38	92.7
327	1/31/2012 0:16:19	10.39	42.14	26.94	8.77	7.84	6.8	2.42	93.1
328	1/31/2012 0:31:19	10.40	42.23	27.01	8.77	7.76	6.5	2.46	93.1
329	1/31/2012 0:46:19	10.37	42.75	27.38	8.78	7.77	6.8	2.53	93.4
330	1/31/2012 1:01:19	10.36	42.73	27.36	8.80	7.77	8.1	2.58	93.6
331	1/31/2012 1:16:19	10.36	42.93	27.51	8.81	7.78	6.4	2.63	93.8
332	1/31/2012 1:31:19	10.34	43.63	28.00	8.83	7.80	6.2	2.70	94.2
333	1/31/2012 1:46:19	10.34	44.19	28.40	8.86	7.89	6.1	2.75	94.8
334	1/31/2012 2:01:19	10.36	44.44	28.57	8.90	7.90	6.4	2.83	95.4
335	1/31/2012 2:16:19	10.38	44.48	28.60	8.91	7.82	6.5	2.88	95.5
336	1/31/2012 2:31:19	10.39	44.31	28.48	8.92	7.90	6.4	2.94	95.6
337	1/31/2012 2:46:19	10.38	44.49	28.61	8.91	7.82	6.2	3.01	95.6
338	1/31/2012 3:01:19	10.38	45.08	29.03	8.90	7.83	6.4	3.08	95.7
339	1/31/2012 3:16:19	10.40	44.76	28.80	8.91	7.91	6.3	3.13	95.7
340	1/31/2012 3:31:19	10.41	45.23	29.14	8.90	7.84	6.1	3.18	95.8
341	1/31/2012 3:46:19	10.42	45.68	29.46	8.89	7.84	6.0	3.24	95.9
342	1/31/2012 4:01:19	10.42	45.96	29.66	8.88	7.85	5.9	3.28	96.0
343	1/31/2012 4:16:19	10.43	46.32	29.92	8.87	7.85	6.1	3.33	96.1
344	1/31/2012 4:31:19	10.43	46.50	30.05	8.85	7.94	5.7	3.37	95.9
345	1/31/2012 4:46:19	10.41	45.89	29.61	8.82	7.84	6.2	3.39	95.3
346	1/31/2012 5:01:19	10.42	46.35	29.94	8.77	7.85	5.9	3.41	94.9
347	1/31/2012 5:16:19	10.42	46.35	29.94	8.76	7.85	6.0	3.41	94.8
348	1/31/2012 5:31:19	10.41	45.85	29.58	8.82	7.84	5.5	3.40	95.3
349	1/31/2012 5:46:19	10.40	45.86	29.59	8.80	7.93	5.9	3.37	95.1
350	1/31/2012 6:01:19	10.31	43.69	28.04	8.80	7.80	6.9	3.34	93.9
351	1/31/2012 6:16:19	10.28	43.64	28.00	8.79	7.79	6.5	3.30	93.7
352	1/31/2012 6:31:19	10.22	42.42	27.13	8.83	7.77	6.9	3.24	93.5
353	1/31/2012 6:46:19	10.24	42.53	27.21	8.84	7.77	7.0	3.18	93.6
354	1/31/2012 7:01:19	10.33	43.04	27.58	8.76	7.86	7.3	3.12	93.2
355	1/31/2012 7:16:19	10.26	42.78	27.40	8.83	7.78	7.1	3.05	93.7
356	1/31/2012 7:31:19	10.20	42.45	27.16	8.87	7.78	6.6	2.97	93.9
357	1/31/2012 7:46:19	10.16	42.61	27.27	8.89	7.78	5.7	2.89	94.0
358	1/31/2012 8:01:19	10.17	42.24	27.01	8.89	7.77	5.7	2.83	94.0
359	1/31/2012 8:16:19	10.19	42.17	26.95	8.90	7.77	5.7	2.75	94.0
360	1/31/2012 8:31:19	10.20	42.14	26.93	8.88	7.84	5.9	2.67	93.9
361	1/31/2012 8:46:19	10.21	42.05	26.87	8.89	7.84	6.2	2.60	93.9
362	1/31/2012 9:01:19	10.28	42.24	27.01	8.86	7.85	7.2	2.52	93.9
363	1/31/2012 9:16:19	10.26	41.83	26.72	8.89	7.76	6.9	2.44	94.0
364	1/31/2012 9:31:19	10.29	41.68	26.62	8.92	7.76	7.0	2.36	94.3
365	1/31/2012 9:46:19	10.34	41.49	26.49	8.94	7.83	7.4	2.27	94.5
366	1/31/2012 10:01:19	10.39	41.28	26.34	8.95	7.83	7.5	2.19	94.7
367	1/31/2012 10:16:19	10.45	41.32	26.37	9.02	7.84	7.2	2.11	95.5
368	1/31/2012 10:31:19	10.49	41.19	26.28	9.06	7.76	7.1	2.04	96.0
369	1/31/2012 10:46:19	10.54	40.76	25.98	9.06	7.75	6.8	1.99	95.9
370	1/31/2012 11:01:19	10.56	40.73	25.96	8.99	7.75	7.0	1.94	95.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
371	1/31/2012 11:16:19	10.64	40.54	25.83	9.10	7.83	7.1	1.90	96.5
372	1/31/2012 11:31:19	10.57	41.32	26.38	9.01	7.84	6.2	1.86	95.7
373	1/31/2012 11:46:19	10.66	40.62	25.88	9.02	7.82	9.1	1.86	95.7
374	1/31/2012 12:01:19	10.67	40.50	25.80	8.98	7.73	7.2	1.84	95.3
375	1/31/2012 12:16:19	10.61	40.54	25.83	8.97	7.74	7.7	1.83	95.0
376	1/31/2012 12:31:19	10.54	40.98	26.13	8.92	7.82	10.4	1.86	94.5
377	1/31/2012 12:46:19	10.59	40.79	26.00	8.92	7.82	11.7	1.88	94.6
378	1/31/2012 13:01:19	10.62	40.56	25.85	8.94	7.81	6.8	1.88	94.8
379	1/31/2012 13:16:19	10.59	40.57	25.85	8.88	7.81	9.5	1.91	94.0
380	1/31/2012 13:31:19	10.54	40.69	25.93	8.89	7.74	7.1	1.94	94.0
381	1/31/2012 13:46:19	10.48	41.11	26.23	8.83	7.74	6.7	1.98	93.5
382	1/31/2012 14:01:19	10.39	42.04	26.88	8.67	7.75	6.1	2.01	92.0
383	1/31/2012 14:16:19	10.39	42.14	26.94	8.66	7.83	6.2	2.03	91.9
384	1/31/2012 14:31:19	10.41	41.98	26.84	8.68	7.75	6.3	2.08	92.1
385	1/31/2012 14:46:19	10.40	41.97	26.83	8.69	7.83	6.5	2.14	92.2
386	1/31/2012 15:01:19	10.43	41.50	26.49	8.76	7.82	7.1	2.18	92.8
387	1/31/2012 15:16:19	10.43	41.51	26.51	8.78	7.74	6.4	2.23	93.0
388	1/31/2012 15:31:19	10.40	41.86	26.75	8.76	7.83	6.2	2.26	92.9
389	1/31/2012 15:46:19	10.37	42.29	27.05	8.74	7.84	6.2	2.33	92.8
390	1/31/2012 16:01:19	10.36	42.82	27.42	8.73	7.85	6.0	2.37	92.9
391	1/31/2012 16:16:19	10.38	42.65	27.30	8.77	7.77	6.1	2.40	93.3
392	1/31/2012 16:31:19	10.41	42.60	27.27	8.83	7.85	6.0	2.45	93.9
393	1/31/2012 16:46:19	10.41	42.59	27.27	8.84	7.85	5.9	2.48	94.0
394	1/31/2012 17:01:19	10.40	42.72	27.36	8.83	7.86	5.8	2.52	94.0
395	1/31/2012 17:16:19	10.40	42.91	27.49	8.81	7.86	6.2	2.55	93.9
396	1/31/2012 17:31:19	10.40	42.91	27.49	8.82	7.86	6.2	2.57	94.0
397	1/31/2012 17:46:19	10.39	43.07	27.60	8.78	7.86	6.4	2.61	93.6
398	1/31/2012 18:01:19	10.39	43.02	27.57	8.79	7.86	6.4	2.63	93.6
399	1/31/2012 18:16:19	10.39	43.15	27.66	8.73	7.78	5.9	2.64	93.1
400	1/31/2012 18:31:19	10.40	42.96	27.53	8.69	7.78	5.4	2.63	92.6
401	1/31/2012 18:46:19	10.39	43.01	27.56	8.73	7.86	5.6	2.66	93.0
402	1/31/2012 19:01:19	10.40	42.62	27.28	8.67	7.77	5.3	2.65	92.2
403	1/31/2012 19:16:19	10.39	42.90	27.48	8.73	7.78	5.7	2.65	93.0
404	1/31/2012 19:31:19	10.38	43.27	27.75	8.56	7.86	5.9	2.66	91.3
405	1/31/2012 19:46:19	10.37	43.29	27.76	8.63	7.86	5.7	2.64	92.0
406	1/31/2012 20:01:19	10.37	43.41	27.84	8.65	7.86	5.8	2.62	92.3
407	1/31/2012 20:16:19	10.39	43.02	27.57	8.73	7.86	5.9	2.61	93.0
408	1/31/2012 20:31:19	10.40	42.54	27.23	8.81	7.86	6.7	2.56	93.7
409	1/31/2012 20:46:19	10.40	42.62	27.29	8.79	7.86	6.3	2.55	93.6
410	1/31/2012 21:01:19	10.40	42.73	27.37	8.78	7.77	6.2	2.48	93.5
411	1/31/2012 21:16:19	10.40	42.52	27.22	8.78	7.85	6.2	2.47	93.4
412	1/31/2012 21:31:19	10.40	42.41	27.14	8.79	7.77	6.5	2.44	93.5
413	1/31/2012 21:46:19	10.41	42.40	27.13	8.78	7.85	6.1	2.40	93.3
414	1/31/2012 22:01:19	10.41	42.26	27.03	8.77	7.85	6.2	2.39	93.2
415	1/31/2012 22:16:19	10.41	42.17	26.97	8.70	7.84	6.0	2.38	92.4
416	1/31/2012 22:31:19	10.40	41.99	26.84	8.72	7.84	5.9	2.36	92.5
417	1/31/2012 22:46:19	10.40	41.74	26.66	8.74	7.75	6.1	2.34	92.6
418	1/31/2012 23:01:19	10.40	41.97	26.83	8.63	7.75	5.7	2.36	91.6
419	1/31/2012 23:16:19	10.39	42.15	26.95	8.82	7.76	7.2	2.39	93.6
420	1/31/2012 23:31:19	10.40	41.80	26.70	8.90	7.76	7.0	2.37	94.3
421	1/31/2012 23:46:19	10.40	41.71	26.64	8.88	7.84	7.7	2.40	94.1
422	2/1/2012 0:01:19	10.40	42.41	27.13	8.79	7.85	7.3	2.43	93.4
423	2/1/2012 0:16:19	10.39	42.38	27.12	8.78	7.85	7.0	2.44	93.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
424	2/1/2012 0:31:19	10.38	43.22	27.71	8.66	7.86	6.4	2.50	92.4
425	2/1/2012 0:46:19	10.38	43.03	27.58	8.73	7.86	6.1	2.49	93.0
426	2/1/2012 1:01:19	10.38	43.20	27.70	8.72	7.78	6.2	2.55	93.0
427	2/1/2012 1:16:19	10.38	43.34	27.80	8.72	7.86	6.5	2.59	93.1
428	2/1/2012 1:31:19	10.38	43.31	27.77	8.75	7.86	5.9	2.62	93.3
429	2/1/2012 1:46:19	10.38	43.40	27.84	8.77	7.87	5.7	2.67	93.6
430	2/1/2012 2:01:19	10.37	43.51	27.92	8.79	7.87	5.9	2.73	93.8
431	2/1/2012 2:16:19	10.36	43.25	27.73	8.86	7.87	6.7	2.78	94.4
432	2/1/2012 2:31:19	10.37	43.68	28.04	8.85	7.88	6.4	2.83	94.5
433	2/1/2012 2:46:19	10.40	44.58	28.67	8.78	7.81	5.5	2.88	94.2
434	2/1/2012 3:01:19	10.39	44.79	28.82	8.83	7.82	5.6	2.95	94.9
435	2/1/2012 3:16:19	10.39	44.60	28.69	8.88	7.90	6.0	2.99	95.4
436	2/1/2012 3:31:19	10.40	44.70	28.76	8.89	7.91	6.1	3.05	95.5
437	2/1/2012 3:46:19	10.40	44.82	28.85	8.89	7.82	5.8	3.10	95.5
438	2/1/2012 4:01:19	10.41	45.07	29.03	8.88	7.83	5.7	3.18	95.6
439	2/1/2012 4:16:19	10.41	45.29	29.18	8.89	7.91	5.4	3.25	95.8
440	2/1/2012 4:31:19	10.42	45.54	29.36	8.89	7.83	5.6	3.27	95.9
441	2/1/2012 4:46:19	10.43	45.70	29.47	8.89	7.84	5.6	3.31	95.9
442	2/1/2012 5:01:19	10.43	46.00	29.69	8.86	7.93	5.5	3.35	95.8
443	2/1/2012 5:16:19	10.43	46.07	29.74	8.84	7.93	5.3	3.39	95.6
444	2/1/2012 5:31:19	10.42	45.72	29.49	8.83	7.92	5.6	3.42	95.3
445	2/1/2012 5:46:19	10.42	45.56	29.37	8.71	7.83	5.0	3.43	94.0
446	2/1/2012 6:01:19	10.43	45.79	29.54	8.71	7.92	5.1	3.44	94.0
447	2/1/2012 6:16:19	10.43	45.93	29.64	8.72	7.92	5.2	3.43	94.2
448	2/1/2012 6:31:19	10.42	45.61	29.41	8.76	7.92	5.6	3.43	94.6
449	2/1/2012 6:46:19	10.42	45.69	29.47	8.73	7.91	6.2	3.39	94.3
450	2/1/2012 7:01:19	10.38	44.69	28.75	8.82	7.90	6.2	3.36	94.7
451	2/1/2012 7:16:19	10.40	44.91	28.91	8.76	7.82	7.5	3.33	94.2
452	2/1/2012 7:31:19	10.38	44.70	28.76	8.74	7.89	7.9	3.26	93.8
453	2/1/2012 7:46:19	10.34	44.24	28.43	8.80	7.89	7.9	3.21	94.2
454	2/1/2012 8:01:19	10.31	44.40	28.54	8.93	7.89	6.6	3.16	95.5
455	2/1/2012 8:16:19	10.31	44.28	28.46	8.95	7.90	6.5	3.06	95.8
456	2/1/2012 8:31:19	10.31	43.97	28.24	8.90	7.89	7.5	3.00	95.1
457	2/1/2012 8:46:19	10.29	43.67	28.03	8.95	7.88	6.8	2.93	95.5
458	2/1/2012 9:01:19	10.29	43.22	27.71	8.99	7.79	6.0	2.84	95.7
459	2/1/2012 9:16:19	10.30	42.76	27.38	8.97	7.78	6.1	2.78	95.3
460	2/1/2012 9:31:19	10.34	42.64	27.29	8.87	7.85	8.2	2.70	94.2
461	2/1/2012 9:46:19	10.36	42.69	27.34	8.98	7.78	6.2	2.62	95.5
462	2/1/2012 10:01:19	10.40	41.92	26.79	8.89	7.75	7.4	2.54	94.3
463	2/1/2012 10:16:19	10.44	41.92	26.80	8.97	7.84	6.5	2.43	95.2
464	2/1/2012 10:31:19	10.48	41.97	26.83	8.97	7.84	6.3	2.37	95.4
465	2/1/2012 10:46:19	10.52	41.72	26.65	9.01	7.76	6.5	2.28	95.7
466	2/1/2012 11:01:19	10.56	41.70	26.64	9.12	7.84	6.5	2.19	97.0
467	2/1/2012 11:16:19	10.64	41.65	26.61	9.29	7.86	6.6	2.11	98.9
468	2/1/2012 11:31:19	10.63	41.29	26.36	9.12	7.84	6.7	2.02	96.9
469	2/1/2012 11:46:19	10.68	41.37	26.42	9.25	7.86	6.7	1.94	98.5
470	2/1/2012 12:01:19	10.74	41.26	26.34	9.40	7.87	7.5	1.89	100.1
471	2/1/2012 12:16:19	10.77	40.96	26.13	9.29	7.86	7.6	1.83	98.9
472	2/1/2012 12:31:19	10.83	40.82	26.04	9.36	7.86	8.1	1.78	99.8
473	2/1/2012 12:46:19	10.65	41.46	26.48	9.14	7.85	6.5	1.75	97.3
474	2/1/2012 13:01:19	10.79	41.23	26.32	9.25	7.77	10.1	1.75	98.6
475	2/1/2012 13:16:19	10.90	41.02	26.18	9.29	7.85	7.9	1.73	99.2
476	2/1/2012 13:31:19	10.72	41.02	26.17	9.13	7.84	6.7	1.73	97.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
477	2/1/2012 13:46:19	10.78	40.87	26.07	9.16	7.84	6.6	1.76	97.5
478	2/1/2012 14:01:19	10.82	40.91	26.10	9.12	7.84	6.7	1.77	97.2
479	2/1/2012 14:16:19	10.78	40.91	26.10	9.11	7.83	6.4	1.79	97.0
480	2/1/2012 14:31:19	10.57	41.41	26.44	8.90	7.82	6.2	1.84	94.5
481	2/1/2012 14:46:19	10.51	41.48	26.49	8.81	7.74	5.9	1.86	93.5
482	2/1/2012 15:01:19	10.66	41.20	26.29	8.91	7.83	6.2	1.91	94.8
483	2/1/2012 15:16:19	10.63	41.26	26.34	8.89	7.82	6.4	1.97	94.5
484	2/1/2012 15:31:19	10.64	41.16	26.27	8.89	7.82	6.5	1.99	94.5
485	2/1/2012 15:46:19	10.55	41.40	26.43	8.83	7.81	6.1	2.05	93.8
486	2/1/2012 16:01:19	10.57	41.33	26.38	8.79	7.81	6.3	2.07	93.3
487	2/1/2012 16:16:19	10.52	41.42	26.44	8.78	7.81	6.1	2.14	93.2
488	2/1/2012 16:31:19	10.47	41.71	26.65	8.75	7.82	6.5	2.19	92.9
489	2/1/2012 16:46:19	10.46	42.06	26.90	8.75	7.83	6.4	2.23	93.0
490	2/1/2012 17:01:19	10.47	42.12	26.94	8.78	7.83	6.6	2.29	93.3
491	2/1/2012 17:16:19	10.48	42.19	26.99	8.77	7.75	6.4	2.34	93.3
492	2/1/2012 17:31:19	10.46	42.59	27.27	8.76	7.84	6.3	2.38	93.3
493	2/1/2012 17:46:19	10.47	42.40	27.13	8.77	7.84	6.4	2.44	93.4
494	2/1/2012 18:01:19	10.45	42.80	27.42	8.79	7.77	6.5	2.49	93.7
495	2/1/2012 18:16:19	10.44	42.96	27.53	8.75	7.85	6.5	2.52	93.4
496	2/1/2012 18:31:19	10.44	43.07	27.61	8.75	7.85	6.2	2.57	93.4
497	2/1/2012 18:46:19	10.44	43.08	27.61	8.71	7.85	6.6	2.59	93.0
498	2/1/2012 19:01:19	10.45	43.14	27.65	8.73	7.77	6.4	2.64	93.2
499	2/1/2012 19:16:19	10.44	43.18	27.69	8.68	7.85	6.2	2.65	92.6
500	2/1/2012 19:31:19	10.44	43.18	27.69	8.67	7.85	5.9	2.66	92.6
501	2/1/2012 19:46:19	10.47	42.89	27.48	8.69	7.85	6.2	2.69	92.7
502	2/1/2012 20:01:19	10.48	42.88	27.47	8.62	7.85	5.5	2.70	92.0
503	2/1/2012 20:16:19	10.43	43.36	27.81	8.62	7.85	5.6	2.71	92.1
504	2/1/2012 20:31:19	10.43	43.24	27.72	8.63	7.85	6.0	2.68	92.2
505	2/1/2012 20:46:19	10.45	43.09	27.62	8.68	7.85	6.5	2.67	92.7
506	2/1/2012 21:01:19	10.43	43.39	27.83	8.59	7.77	6.1	2.64	91.8
507	2/1/2012 21:16:19	10.43	43.27	27.75	8.59	7.85	6.4	2.64	91.7
508	2/1/2012 21:31:19	10.45	42.19	26.99	8.77	7.85	10.4	2.62	93.2
509	2/1/2012 21:46:19	10.44	43.02	27.57	8.62	7.85	6.8	2.57	92.0
510	2/1/2012 22:01:19	10.44	42.59	27.26	8.69	7.76	7.0	2.54	92.5
511	2/1/2012 22:16:19	10.41	42.34	27.09	8.64	7.84	7.6	2.55	91.9
512	2/1/2012 22:31:19	10.38	41.93	26.80	8.71	7.83	7.7	2.52	92.3
513	2/1/2012 22:46:19	10.29	41.72	26.64	8.71	7.82	7.8	2.49	92.1
514	2/1/2012 23:01:19	10.33	41.57	26.54	8.68	7.74	7.4	2.47	91.8
515	2/1/2012 23:16:19	10.34	41.63	26.58	8.69	7.82	7.2	2.44	91.9
516	2/1/2012 23:31:19	10.40	41.93	26.80	8.63	7.82	6.6	2.44	91.5
517	2/1/2012 23:46:19	10.33	41.50	26.49	8.68	7.73	6.9	2.42	91.8
518	2/2/2012 0:01:19	10.31	41.47	26.47	8.64	7.81	6.3	2.41	91.3
519	2/2/2012 0:16:19	10.30	41.48	26.48	8.67	7.81	7.5	2.40	91.6
520	2/2/2012 0:31:19	10.35	41.75	26.67	8.72	7.82	7.8	2.41	92.4
521	2/2/2012 0:46:19	10.32	41.17	26.26	8.76	7.74	7.2	2.42	92.4
522	2/2/2012 1:01:19	10.34	41.49	26.49	8.78	7.74	7.4	2.44	92.8
523	2/2/2012 1:16:19	10.35	41.58	26.55	8.76	7.74	7.5	2.46	92.7
524	2/2/2012 1:31:19	10.39	42.17	26.97	8.73	7.83	6.8	2.50	92.7
525	2/2/2012 1:46:19	10.39	42.33	27.08	8.74	7.83	7.0	2.51	92.9
526	2/2/2012 2:01:19	10.44	43.31	27.78	8.67	7.85	6.1	2.55	92.6
527	2/2/2012 2:16:19	10.44	43.40	27.84	8.70	7.85	6.1	2.58	93.0
528	2/2/2012 2:31:19	10.44	43.55	27.95	8.72	7.78	6.0	2.64	93.2
529	2/2/2012 2:46:19	10.43	43.99	28.26	8.72	7.87	5.7	2.68	93.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
530	2/2/2012 3:01:19	10.43	44.03	28.29	8.74	7.87	6.1	2.73	93.7
531	2/2/2012 3:16:19	10.45	43.76	28.10	8.78	7.87	6.3	2.79	94.0
532	2/2/2012 3:31:19	10.46	44.82	28.85	8.81	7.89	5.9	2.83	94.8
533	2/2/2012 3:46:19	10.48	45.40	29.27	8.89	7.91	6.1	2.90	95.9
534	2/2/2012 4:01:19	10.48	45.47	29.31	8.94	7.91	6.0	2.94	96.5
535	2/2/2012 4:16:19	10.47	45.70	29.48	8.98	7.91	6.0	3.00	97.0
536	2/2/2012 4:31:19	10.48	46.01	29.70	9.00	7.92	6.0	3.05	97.4
537	2/2/2012 4:46:19	10.47	45.84	29.58	9.01	7.92	6.1	3.11	97.4
538	2/2/2012 5:01:19	10.47	46.06	29.74	8.99	7.92	6.2	3.15	97.3
539	2/2/2012 5:16:19	10.46	46.32	29.92	8.98	7.93	6.2	3.19	97.3
540	2/2/2012 5:31:19	10.45	46.46	30.02	8.99	7.84	6.4	3.25	97.5
541	2/2/2012 5:46:19	10.45	46.69	30.19	8.99	7.93	6.4	3.29	97.6
542	2/2/2012 6:01:19	10.42	46.45	30.02	8.98	7.84	6.5	3.34	97.3
543	2/2/2012 6:16:19	10.44	47.04	30.44	9.01	7.94	7.0	3.36	97.9
544	2/2/2012 6:31:19	10.42	46.55	30.08	8.96	7.93	6.4	3.38	97.1
545	2/2/2012 6:46:19	10.45	46.38	29.96	8.84	7.84	5.3	3.40	95.8
546	2/2/2012 7:01:19	10.44	46.04	29.72	8.86	7.92	5.5	3.42	95.9
547	2/2/2012 7:16:19	10.46	46.81	30.27	8.86	7.93	6.3	3.38	96.2
548	2/2/2012 7:31:19	10.44	46.72	30.21	8.90	7.93	6.6	3.37	96.6
549	2/2/2012 7:46:19	10.43	46.12	29.77	8.88	7.83	6.7	3.36	96.1
550	2/2/2012 8:01:19	10.07	43.54	27.92	8.82	7.78	6.7	3.31	93.6
551	2/2/2012 8:16:19	10.15	44.28	28.45	8.86	7.88	7.3	3.25	94.4
552	2/2/2012 8:31:19	10.33	45.55	29.36	8.88	7.91	8.3	3.19	95.6
553	2/2/2012 8:46:19	10.24	44.12	28.34	8.88	7.80	8.0	3.13	94.8
554	2/2/2012 9:01:19	10.23	44.06	28.30	8.85	7.87	7.3	3.05	94.4
555	2/2/2012 9:16:19	10.24	43.61	27.98	8.88	7.87	7.8	2.98	94.5
556	2/2/2012 9:31:19	10.29	43.51	27.91	8.88	7.79	7.0	2.90	94.6
557	2/2/2012 9:46:19	10.38	44.34	28.51	8.83	7.80	7.9	2.83	94.6
558	2/2/2012 10:01:19	10.32	43.35	27.80	8.92	7.87	6.6	2.76	95.0
559	2/2/2012 10:16:19	10.38	43.33	27.79	8.95	7.87	6.2	2.67	95.5
560	2/2/2012 10:31:19	10.43	43.45	27.87	8.98	7.87	6.2	2.57	95.9
561	2/2/2012 10:46:19	10.41	43.11	27.63	8.91	7.87	6.7	2.49	95.0
562	2/2/2012 11:01:19	10.59	42.85	27.45	9.10	7.88	6.3	2.40	97.3
563	2/2/2012 11:16:19	10.62	42.45	27.18	9.14	7.87	6.8	2.30	97.6
564	2/2/2012 11:31:19	10.62	42.52	27.22	9.09	7.86	7.2	2.21	97.2
565	2/2/2012 11:46:19	10.82	42.25	27.04	9.39	7.79	6.5	2.12	100.7
566	2/2/2012 12:01:19	11.06	42.51	27.24	9.45	7.82	6.5	2.03	102.0
567	2/2/2012 12:16:19	11.06	42.35	27.13	9.48	7.81	7.0	1.93	102.2
568	2/2/2012 12:31:19	11.07	42.11	26.96	9.53	7.81	6.7	1.84	102.7
569	2/2/2012 12:46:19	11.24	41.96	26.86	9.60	7.83	6.9	1.78	103.7
570	2/2/2012 13:01:19	11.31	41.74	26.71	9.73	7.82	7.1	1.71	105.2
571	2/2/2012 13:16:19	11.03	42.16	26.99	9.63	7.81	7.4	1.63	103.6
572	2/2/2012 13:31:19	10.92	42.47	27.21	9.18	7.79	6.1	1.61	98.8
573	2/2/2012 13:46:19	10.86	42.30	27.08	9.02	7.86	5.6	1.58	96.8
574	2/2/2012 14:01:19	11.43	41.97	26.87	9.40	7.80	8.9	1.55	102.0
575	2/2/2012 14:16:19	11.32	41.71	26.68	9.52	7.81	7.3	1.56	102.9
576	2/2/2012 14:31:19	11.15	41.49	26.52	9.34	7.79	6.7	1.57	100.6
577	2/2/2012 14:46:19	11.19	41.22	26.33	9.32	7.79	6.6	1.58	100.3
578	2/2/2012 15:01:19	11.14	41.45	26.49	9.30	7.78	6.0	1.61	100.1
579	2/2/2012 15:16:19	10.73	42.41	27.15	8.99	7.77	6.1	1.63	96.2
580	2/2/2012 15:31:19	10.71	42.38	27.13	8.95	7.77	6.1	1.67	95.7
581	2/2/2012 15:46:19	10.88	41.97	26.85	9.15	7.77	6.3	1.71	98.1
582	2/2/2012 16:01:19	10.84	42.01	26.88	9.01	7.77	6.2	1.77	96.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
583	2/2/2012 16:16:19	10.72	42.23	27.02	8.90	7.76	6.3	1.82	95.2
584	2/2/2012 16:31:19	10.70	42.16	26.98	8.90	7.84	6.5	1.88	95.2
585	2/2/2012 16:46:19	10.66	42.10	26.93	8.89	7.84	6.4	1.92	94.9
586	2/2/2012 17:01:19	10.60	42.31	27.08	8.83	7.84	6.4	1.99	94.3
587	2/2/2012 17:16:19	10.58	42.47	27.19	8.84	7.76	6.7	2.06	94.3
588	2/2/2012 17:31:19	10.56	42.54	27.23	8.84	7.84	6.8	2.11	94.4
589	2/2/2012 17:46:19	10.56	42.55	27.24	8.84	7.85	6.7	2.17	94.4
590	2/2/2012 18:01:19	10.54	42.72	27.36	8.85	7.85	7.3	2.24	94.5
591	2/2/2012 18:16:19	10.52	43.08	27.62	8.84	7.86	7.2	2.31	94.5
592	2/2/2012 18:31:19	10.51	43.19	27.69	8.86	7.86	6.7	2.36	94.7
593	2/2/2012 18:46:19	10.51	43.26	27.74	8.87	7.86	6.5	2.42	94.9
594	2/2/2012 19:01:19	10.51	43.27	27.75	8.90	7.86	6.8	2.48	95.2
595	2/2/2012 19:16:19	10.49	43.42	27.86	8.88	7.87	6.6	2.52	95.0
596	2/2/2012 19:31:19	10.48	43.73	28.08	8.88	7.87	6.5	2.58	95.1
597	2/2/2012 19:46:19	10.50	43.66	28.03	8.88	7.87	6.4	2.62	95.2
598	2/2/2012 20:01:19	10.46	44.18	28.39	8.87	7.88	6.4	2.67	95.2
599	2/2/2012 20:16:19	10.45	44.23	28.43	8.87	7.88	6.2	2.70	95.2
600	2/2/2012 20:31:19	10.44	44.49	28.62	8.84	7.88	6.2	2.73	94.9
601	2/2/2012 20:46:19	10.44	44.51	28.63	8.86	7.88	6.0	2.77	95.2
602	2/2/2012 21:01:19	10.44	44.62	28.71	8.82	7.89	6.1	2.79	94.8
603	2/2/2012 21:16:19	10.45	44.48	28.61	8.73	7.88	6.0	2.80	93.8
604	2/2/2012 21:31:19	10.45	44.36	28.52	8.69	7.88	5.6	2.80	93.3
605	2/2/2012 21:46:19	10.45	44.31	28.49	8.74	7.79	5.9	2.79	93.8
606	2/2/2012 22:01:19	10.44	44.37	28.53	8.72	7.88	6.7	2.78	93.6
607	2/2/2012 22:16:19	10.44	44.37	28.53	8.72	7.87	6.9	2.75	93.6
608	2/2/2012 22:31:19	10.45	44.23	28.43	8.80	7.88	6.7	2.72	94.4
609	2/2/2012 22:46:19	10.39	43.63	28.00	8.85	7.86	6.3	2.69	94.6
610	2/2/2012 23:01:19	10.40	43.40	27.84	8.86	7.87	6.6	2.65	94.6
611	2/2/2012 23:16:19	10.43	43.41	27.85	8.84	7.87	7.2	2.61	94.5
612	2/2/2012 23:31:19	10.49	43.47	27.89	8.75	7.86	7.6	2.56	93.7
613	2/2/2012 23:46:19	10.53	43.22	27.71	8.73	7.86	7.8	2.52	93.4
614	2/3/2012 0:01:19	10.53	43.10	27.63	8.70	7.77	7.2	2.50	93.0
615	2/3/2012 0:16:19	10.49	42.94	27.52	8.70	7.85	7.2	2.47	92.9
616	2/3/2012 0:31:19	10.46	42.95	27.52	8.69	7.85	7.2	2.44	92.7
617	2/3/2012 0:46:19	10.41	42.76	27.39	8.65	7.76	6.2	2.43	92.1
618	2/3/2012 1:01:19	10.47	43.20	27.70	8.62	7.77	5.5	2.42	92.1
619	2/3/2012 1:16:19	10.46	43.02	27.57	8.67	7.85	6.3	2.41	92.6
620	2/3/2012 1:31:19	10.27	42.68	27.32	8.66	7.76	6.8	2.41	91.9
621	2/3/2012 1:46:19	10.15	42.44	27.15	8.58	7.82	7.7	2.41	90.7
622	2/3/2012 2:01:19	10.40	42.87	27.47	8.75	7.85	6.2	2.43	93.2
623	2/3/2012 2:16:19	10.32	42.90	27.48	8.72	7.84	6.8	2.45	92.7
624	2/3/2012 2:31:19	10.46	43.15	27.66	8.70	7.85	6.5	2.47	93.0
625	2/3/2012 2:46:19	10.47	43.40	27.84	8.72	7.77	6.4	2.50	93.2
626	2/3/2012 3:01:19	10.45	43.22	27.71	8.74	7.85	6.5	2.55	93.4
627	2/3/2012 3:16:19	10.45	44.30	28.48	8.77	7.87	6.8	2.57	94.1
628	2/3/2012 3:31:19	10.44	44.52	28.64	8.81	7.88	6.5	2.61	94.6
629	2/3/2012 3:46:19	10.43	44.77	28.81	8.81	7.88	6.5	2.66	94.7
630	2/3/2012 4:01:19	10.44	44.31	28.48	8.82	7.87	7.0	2.71	94.6
631	2/3/2012 4:16:19	10.44	44.22	28.42	8.82	7.87	6.4	2.76	94.7
632	2/3/2012 4:31:19	10.44	44.40	28.55	8.85	7.88	6.5	2.82	95.0
633	2/3/2012 4:46:19	10.45	45.75	29.51	8.92	7.90	6.9	2.88	96.4
634	2/3/2012 5:01:19	10.45	46.34	29.94	9.01	7.83	7.3	2.95	97.6
635	2/3/2012 5:16:19	10.43	45.78	29.54	8.99	7.91	6.8	3.01	97.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
636	2/3/2012 5:31:19	10.37	45.02	28.99	8.98	7.90	6.4	3.07	96.5
637	2/3/2012 5:46:19	10.43	46.28	29.89	9.01	7.92	6.8	3.14	97.6
638	2/3/2012 6:01:19	10.43	46.66	30.17	9.04	7.84	6.7	3.20	98.0
639	2/3/2012 6:16:19	10.41	46.65	30.16	9.06	7.84	6.7	3.26	98.2
640	2/3/2012 6:31:19	10.40	46.82	30.28	9.08	7.84	6.7	3.31	98.5
641	2/3/2012 6:46:19	10.42	47.42	30.71	9.08	7.94	6.7	3.35	98.8
642	2/3/2012 7:01:19	10.42	47.54	30.80	9.07	7.85	6.7	3.40	98.7
643	2/3/2012 7:16:19	10.41	47.56	30.80	9.08	7.85	6.7	3.43	98.9
644	2/3/2012 7:31:19	10.41	47.73	30.93	9.03	7.85	6.3	3.43	98.3
645	2/3/2012 7:46:19	10.42	47.53	30.79	8.99	7.85	6.7	3.46	97.8
646	2/3/2012 8:01:19	10.42	47.61	30.84	8.94	7.93	6.0	3.46	97.4
647	2/3/2012 8:16:19	10.40	46.73	30.21	8.99	7.84	6.4	3.45	97.5
648	2/3/2012 8:31:19	10.29	45.46	29.29	8.91	7.81	6.4	3.43	95.9
649	2/3/2012 8:46:19	10.15	45.06	29.01	8.90	7.88	6.9	3.38	95.2
650	2/3/2012 9:01:19	10.13	43.99	28.24	8.84	7.87	6.5	3.35	94.0
651	2/3/2012 9:16:19	10.17	43.96	28.22	8.86	7.86	5.8	3.29	94.4
652	2/3/2012 9:31:19	10.32	45.42	29.27	8.88	7.89	7.8	3.21	95.5
653	2/3/2012 9:46:19	10.20	44.39	28.53	8.94	7.88	7.3	3.15	95.5
654	2/3/2012 10:01:19	10.36	45.12	29.06	8.88	7.89	8.2	3.07	95.5
655	2/3/2012 10:16:19	10.39	44.98	28.96	8.88	7.89	7.5	2.99	95.5
656	2/3/2012 10:31:19	10.40	44.88	28.89	8.86	7.80	7.3	2.90	95.3
657	2/3/2012 10:46:19	10.49	44.24	28.44	8.95	7.88	6.5	2.82	96.1
658	2/3/2012 11:01:19	10.50	44.26	28.45	8.94	7.88	6.5	2.74	96.0
659	2/3/2012 11:16:19	10.59	43.94	28.23	9.02	7.88	6.1	2.64	97.0
660	2/3/2012 11:31:19	10.62	43.87	28.19	9.02	7.88	6.3	2.54	97.0
661	2/3/2012 11:46:19	10.63	43.71	28.07	9.01	7.88	7.2	2.44	96.9
662	2/3/2012 12:01:19	10.67	43.47	27.90	9.10	7.79	7.6	2.34	97.7
663	2/3/2012 12:16:19	10.69	43.31	27.79	9.01	7.87	8.7	2.24	96.8
664	2/3/2012 12:31:19	10.75	43.16	27.69	9.14	7.88	6.9	2.13	98.3
665	2/3/2012 12:46:19	10.88	43.11	27.65	9.42	7.81	6.7	2.01	101.5
666	2/3/2012 13:01:19	10.91	42.88	27.49	9.38	7.80	6.6	1.90	101.1
667	2/3/2012 13:16:19	10.96	42.77	27.42	9.42	7.82	6.7	1.79	101.5
668	2/3/2012 13:31:19	11.02	42.68	27.36	9.53	7.91	6.5	1.69	102.8
669	2/3/2012 13:46:19	11.07	42.45	27.19	9.52	7.82	8.8	1.60	102.7
670	2/3/2012 14:01:19	11.05	42.33	27.11	9.37	7.89	7.3	1.53	101.0
671	2/3/2012 14:16:19	11.11	42.23	27.04	9.30	7.88	7.7	1.48	100.3
672	2/3/2012 14:31:19	10.94	42.27	27.07	9.20	7.79	6.7	1.43	99.0
673	2/3/2012 14:46:19	10.80	42.68	27.35	8.96	7.78	6.1	1.41	96.2
674	2/3/2012 15:01:19	11.25	42.36	27.14	9.42	7.82	7.8	1.41	102.1
675	2/3/2012 15:16:19	11.25	42.43	27.19	9.40	7.89	6.8	1.41	101.8
676	2/3/2012 15:31:19	11.15	42.47	27.21	9.31	7.88	6.3	1.45	100.6
677	2/3/2012 15:46:19	10.87	42.76	27.41	9.12	7.78	6.8	1.49	98.1
678	2/3/2012 16:01:19	11.08	42.65	27.34	9.19	7.88	6.7	1.51	99.3
679	2/3/2012 16:16:19	11.11	41.99	26.87	9.19	7.78	6.5	1.58	99.0
680	2/3/2012 16:31:19	10.94	42.63	27.32	9.06	7.78	6.5	1.63	97.5
681	2/3/2012 16:46:19	10.99	42.40	27.16	9.07	7.86	6.8	1.68	97.6
682	2/3/2012 17:01:19	10.95	42.44	27.18	9.04	7.85	7.2	1.74	97.3
683	2/3/2012 17:16:19	10.89	42.49	27.22	9.00	7.77	6.8	1.79	96.7
684	2/3/2012 17:31:19	10.85	42.56	27.27	8.97	7.85	6.7	1.86	96.3
685	2/3/2012 17:46:19	10.82	42.56	27.26	8.94	7.85	6.7	1.92	96.0
686	2/3/2012 18:01:19	10.77	42.61	27.30	8.93	7.77	7.5	2.01	95.8
687	2/3/2012 18:16:19	10.75	42.89	27.50	8.91	7.85	7.8	2.08	95.7
688	2/3/2012 18:31:19	10.75	43.03	27.59	8.91	7.85	7.8	2.16	95.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
689	2/3/2012 18:46:19	10.72	43.39	27.85	8.88	7.86	7.9	2.23	95.5
690	2/3/2012 19:01:19	10.71	43.39	27.85	8.90	7.78	7.7	2.30	95.7
691	2/3/2012 19:16:19	10.70	43.42	27.87	8.92	7.78	7.5	2.37	95.8
692	2/3/2012 19:31:19	10.67	43.61	28.00	8.91	7.86	7.5	2.44	95.7
693	2/3/2012 19:46:19	10.61	44.11	28.35	8.87	7.87	7.7	2.50	95.4
694	2/3/2012 20:01:20	10.57	44.42	28.57	8.85	7.85	7.6	2.57	95.3
695	2/3/2012 20:16:19	10.56	44.48	28.62	8.85	7.87	7.6	2.63	95.3
696	2/3/2012 20:31:19	10.54	44.57	28.68	8.88	7.88	8.1	2.67	95.6
697	2/3/2012 20:46:19	10.53	44.63	28.72	8.87	7.88	7.5	2.74	95.5
698	2/3/2012 21:01:19	10.53	44.63	28.72	8.87	7.88	7.3	2.78	95.5
699	2/3/2012 21:16:19	10.52	44.78	28.82	8.87	7.80	7.2	2.82	95.5
700	2/3/2012 21:31:19	10.52	44.89	28.91	8.87	7.80	7.3	2.86	95.6
701	2/3/2012 21:46:19	10.52	44.92	28.92	8.82	7.80	6.7	2.88	95.1
702	2/3/2012 22:01:19	10.52	44.99	28.98	8.78	7.80	5.7	2.91	94.7
703	2/3/2012 22:16:19	10.52	44.82	28.85	8.77	7.88	6.6	2.93	94.5
704	2/3/2012 22:31:19	10.52	44.98	28.97	8.78	7.88	6.8	2.90	94.6
705	2/3/2012 22:46:19	10.52	44.95	28.94	8.81	7.88	6.8	2.89	95.0
706	2/3/2012 23:01:19	10.52	44.72	28.78	8.79	7.88	7.0	2.87	94.7
707	2/3/2012 23:16:19	10.54	44.54	28.66	8.78	7.87	6.8	2.84	94.5
708	2/3/2012 23:31:19	10.57	44.16	28.38	8.78	7.86	7.3	2.79	94.4
709	2/3/2012 23:46:19	10.58	44.19	28.41	8.79	7.79	7.7	2.72	94.6
710	2/4/2012 0:01:19	10.59	44.05	28.31	8.80	7.87	7.6	2.68	94.7
711	2/4/2012 0:16:19	10.60	43.98	28.26	8.76	7.86	7.5	2.61	94.2
712	2/4/2012 0:31:19	10.60	43.76	28.10	8.73	7.86	7.0	2.57	93.8
713	2/4/2012 0:46:19	10.59	43.54	27.95	8.77	7.85	6.8	2.53	94.1
714	2/4/2012 1:01:19	10.54	43.42	27.86	8.74	7.77	6.5	2.46	93.6
715	2/4/2012 1:16:19	10.53	43.37	27.83	8.70	7.76	6.5	2.47	93.1
716	2/4/2012 1:31:19	10.52	43.25	27.74	8.66	7.84	6.2	2.44	92.6
717	2/4/2012 1:46:19	10.48	43.22	27.72	8.70	7.84	6.3	2.40	92.9
718	2/4/2012 2:01:19	10.54	43.63	28.01	8.57	7.76	5.9	2.40	91.9
719	2/4/2012 2:16:19	10.55	43.70	28.06	8.65	7.77	6.2	2.40	92.8
720	2/4/2012 2:31:19	10.45	43.38	27.82	8.63	7.76	6.7	2.39	92.3
721	2/4/2012 2:46:19	10.51	43.38	27.83	8.67	7.84	6.4	2.41	92.8
722	2/4/2012 3:01:19	10.42	43.33	27.79	8.59	7.83	7.5	2.43	91.7
723	2/4/2012 3:16:19	10.56	43.64	28.02	8.68	7.85	6.5	2.45	93.1
724	2/4/2012 3:31:19	10.55	43.73	28.08	8.69	7.85	6.5	2.49	93.3
725	2/4/2012 3:46:19	10.54	43.71	28.06	8.71	7.85	7.0	2.49	93.4
726	2/4/2012 4:01:19	10.45	43.54	27.94	8.72	7.76	6.4	2.55	93.2
727	2/4/2012 4:16:19	10.50	44.25	28.45	8.74	7.86	7.0	2.56	93.9
728	2/4/2012 4:31:19	10.51	44.92	28.92	8.78	7.88	6.6	2.65	94.6
729	2/4/2012 4:46:19	10.51	44.71	28.77	8.80	7.79	6.4	2.68	94.7
730	2/4/2012 5:01:19	10.50	44.39	28.55	8.80	7.87	6.8	2.74	94.6
731	2/4/2012 5:16:19	10.51	44.60	28.70	8.83	7.87	6.5	2.82	95.0
732	2/4/2012 5:31:20	10.48	44.60	28.70	8.81	7.86	6.4	2.84	94.8
733	2/4/2012 5:46:19	10.48	45.97	29.67	8.89	7.90	6.7	2.92	96.2
734	2/4/2012 6:01:19	10.46	46.44	30.01	8.92	7.91	7.0	2.98	96.7
735	2/4/2012 6:16:19	10.44	46.04	29.72	8.91	7.91	6.5	3.06	96.4
736	2/4/2012 6:31:19	10.43	46.30	29.90	8.94	7.91	7.0	3.13	96.7
737	2/4/2012 6:46:19	10.43	46.94	30.36	8.94	7.92	7.2	3.19	97.1
738	2/4/2012 7:01:19	10.40	47.18	30.54	8.95	7.93	7.6	3.25	97.3
739	2/4/2012 7:16:19	10.35	47.04	30.43	8.97	7.92	7.1	3.32	97.3
740	2/4/2012 7:31:19	10.37	47.56	30.81	8.97	7.93	7.3	3.37	97.5
741	2/4/2012 7:46:19	10.35	47.71	30.91	8.99	7.93	7.2	3.42	97.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
742	2/4/2012 8:01:19	10.34	47.93	31.07	9.00	7.94	7.6	3.47	98.0
743	2/4/2012 8:16:19	10.35	48.21	31.28	9.00	7.94	7.3	3.52	98.1
744	2/4/2012 8:31:19	10.34	48.06	31.17	8.98	7.94	6.4	3.50	97.8
745	2/4/2012 8:46:19	10.30	48.00	31.12	9.00	7.94	6.7	3.57	97.9
746	2/4/2012 9:01:20	10.36	48.21	31.27	8.88	7.91	6.1	3.55	96.8
747	2/4/2012 9:16:19	10.37	48.39	31.40	8.81	7.94	7.5	3.55	96.2
748	2/4/2012 9:31:19	10.38	48.21	31.27	8.85	7.94	7.2	3.53	96.5
749	2/4/2012 9:46:19	10.39	47.87	31.03	8.87	7.93	7.6	3.45	96.6
750	2/4/2012 10:01:19	10.32	45.74	29.50	8.85	7.90	8.3	3.42	95.4
751	2/4/2012 10:16:19	10.34	46.14	29.78	8.82	7.90	7.2	3.35	95.3
752	2/4/2012 10:31:19	10.35	46.04	29.72	8.83	7.90	7.7	3.26	95.3
753	2/4/2012 10:46:19	10.33	46.27	29.88	8.86	7.91	9.7	3.18	95.7
754	2/4/2012 11:01:19	10.39	46.18	29.82	8.88	7.82	9.0	3.10	96.0
755	2/4/2012 11:16:19	10.42	45.63	29.43	8.86	7.89	8.4	2.98	95.6
756	2/4/2012 11:31:19	10.62	44.94	28.95	8.99	7.89	6.6	2.87	97.1
757	2/4/2012 11:46:19	10.72	44.98	28.98	9.01	7.90	6.1	2.79	97.6
758	2/4/2012 12:01:19	10.79	44.93	28.94	9.08	7.90	6.1	2.67	98.4
759	2/4/2012 12:16:19	10.85	44.53	28.67	9.10	7.89	6.1	2.56	98.6
760	2/4/2012 12:31:19	10.91	44.37	28.55	9.10	7.81	6.1	2.44	98.7
761	2/4/2012 12:46:19	11.00	44.46	28.62	9.04	7.82	8.5	2.32	98.3
762	2/4/2012 13:01:19	11.10	44.07	28.34	9.30	7.89	7.0	2.21	101.2
763	2/4/2012 13:16:19	11.04	43.74	28.11	9.28	7.88	8.7	2.10	100.6
764	2/4/2012 13:31:19	11.10	43.29	27.80	9.39	7.80	8.4	1.95	101.7
765	2/4/2012 13:46:19	11.27	43.32	27.82	9.41	7.81	7.6	1.83	102.3
766	2/4/2012 14:01:19	11.62	43.43	27.91	9.64	7.92	7.1	1.70	105.7
767	2/4/2012 14:16:19	11.53	43.04	27.63	9.53	7.91	7.6	1.60	104.2
768	2/4/2012 14:31:19	11.34	42.85	27.49	9.35	7.89	7.5	1.50	101.7
769	2/4/2012 14:46:19	11.37	42.76	27.43	9.33	7.89	8.3	1.42	101.5
770	2/4/2012 15:01:19	11.41	42.69	27.38	9.35	7.81	7.5	1.34	101.8
771	2/4/2012 15:16:19	11.43	42.66	27.36	9.36	7.89	6.8	1.30	101.9
772	2/4/2012 15:31:19	11.56	42.55	27.29	9.36	7.89	7.1	1.27	102.1
773	2/4/2012 15:46:19	11.17	42.87	27.50	9.17	7.87	6.4	1.27	99.3
774	2/4/2012 16:01:19	11.21	42.88	27.50	9.20	7.79	6.8	1.28	99.8
775	2/4/2012 16:16:19	11.34	43.02	27.61	9.32	7.89	7.0	1.31	101.4
776	2/4/2012 16:31:19	11.43	43.03	27.62	9.42	7.90	7.2	1.37	102.7
777	2/4/2012 16:46:19	11.27	42.95	27.56	9.29	7.80	6.2	1.42	100.9
778	2/4/2012 17:01:19	11.24	42.19	27.02	9.23	7.87	7.0	1.48	99.9
779	2/4/2012 17:16:19	11.23	42.40	27.17	9.18	7.78	7.1	1.54	99.4
780	2/4/2012 17:31:19	11.22	42.52	27.26	9.14	7.86	7.2	1.62	99.0
781	2/4/2012 17:46:19	11.19	42.43	27.19	9.13	7.78	7.5	1.68	98.8
782	2/4/2012 18:01:19	11.18	42.57	27.29	9.10	7.86	7.1	1.77	98.5
783	2/4/2012 18:16:19	11.16	42.85	27.48	9.08	7.86	7.1	1.84	98.3
784	2/4/2012 18:31:19	11.06	42.79	27.44	8.99	7.85	8.3	1.92	97.2
785	2/4/2012 18:46:19	11.02	43.04	27.61	8.96	7.78	8.4	2.01	96.9
786	2/4/2012 19:01:19	10.95	43.74	28.11	8.90	7.86	8.1	2.08	96.4
787	2/4/2012 19:16:19	10.92	43.85	28.18	8.90	7.86	8.5	2.16	96.3
788	2/4/2012 19:31:19	10.89	44.05	28.32	8.91	7.86	8.6	2.24	96.4
789	2/4/2012 19:46:19	10.86	44.15	28.40	8.92	7.87	8.4	2.32	96.5
790	2/4/2012 20:01:19	10.84	44.15	28.39	8.92	7.87	8.3	2.40	96.5
791	2/4/2012 20:16:19	10.80	44.50	28.64	8.91	7.87	9.4	2.48	96.5
792	2/4/2012 20:31:19	10.76	44.54	28.66	8.91	7.87	9.1	2.56	96.4
793	2/4/2012 20:46:19	10.76	44.70	28.78	8.89	7.79	10.0	2.63	96.2
794	2/4/2012 21:01:19	10.69	44.90	28.92	8.90	7.88	10.9	2.70	96.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
795	2/4/2012 21:16:19	10.67	44.96	28.96	8.91	7.88	10.4	2.77	96.4
796	2/4/2012 21:31:19	10.64	45.11	29.07	8.91	7.88	10.5	2.83	96.4
797	2/4/2012 21:46:19	10.62	45.24	29.16	8.91	7.89	10.6	2.88	96.4
798	2/4/2012 22:01:20	10.60	45.78	29.54	8.94	7.87	14.4	2.94	96.9
799	2/4/2012 22:16:19	10.58	46.16	29.81	9.03	7.90	12.9	2.99	98.1
800	2/4/2012 22:31:19	10.55	46.38	29.97	9.12	7.91	10.0	3.01	99.0
801	2/4/2012 22:46:20	10.54	46.52	30.07	9.06	7.89	7.9	3.03	98.4
802	2/4/2012 23:01:19	10.55	46.31	29.92	8.99	7.91	8.6	3.04	97.6
803	2/4/2012 23:16:19	10.55	46.50	30.06	9.05	7.91	9.5	3.02	98.3
804	2/4/2012 23:31:20	10.57	46.03	29.72	8.97	7.88	9.0	2.99	97.3
805	2/4/2012 23:46:19	10.51	45.46	29.31	8.89	7.89	8.6	2.96	96.1
806	2/5/2012 0:01:19	10.45	44.56	28.67	8.81	7.87	8.3	2.90	94.7
807	2/5/2012 0:16:20	10.52	44.89	28.90	8.79	7.85	8.8	2.85	94.7
808	2/5/2012 0:31:20	10.55	44.68	28.75	8.77	7.85	12.3	2.79	94.5
809	2/5/2012 0:46:19	10.58	44.77	28.82	8.77	7.87	9.8	2.72	94.5
810	2/5/2012 1:01:19	10.59	44.61	28.71	8.76	7.87	8.4	2.65	94.4
811	2/5/2012 1:16:19	10.57	44.50	28.63	8.72	7.86	8.4	2.59	94.0
812	2/5/2012 1:31:19	10.52	44.35	28.52	8.71	7.86	7.5	2.54	93.6
813	2/5/2012 1:46:19	10.48	44.17	28.39	8.70	7.85	6.8	2.49	93.4
814	2/5/2012 2:01:19	10.46	44.04	28.30	8.71	7.85	6.6	2.45	93.4
815	2/5/2012 2:16:19	10.47	43.82	28.14	8.71	7.84	6.5	2.39	93.4
816	2/5/2012 2:31:19	10.35	43.83	28.14	8.67	7.84	6.6	2.36	92.6
817	2/5/2012 2:46:19	10.41	43.68	28.03	8.66	7.84	6.4	2.32	92.6
818	2/5/2012 3:01:19	10.46	43.62	28.00	8.69	7.84	6.5	2.31	93.0
819	2/5/2012 3:16:19	10.51	43.91	28.20	8.67	7.77	6.0	2.29	93.0
820	2/5/2012 3:31:19	10.40	43.74	28.08	8.68	7.76	6.5	2.29	92.9
821	2/5/2012 3:46:19	10.33	43.59	27.97	8.70	7.84	6.0	2.29	92.8
822	2/5/2012 4:01:20	10.39	43.88	28.18	8.67	7.83	6.8	2.33	92.7
823	2/5/2012 4:16:20	10.42	44.00	28.26	8.64	7.83	7.2	2.36	92.6
824	2/5/2012 4:31:20	10.47	44.13	28.36	8.67	7.83	7.4	2.41	93.1
825	2/5/2012 4:46:19	10.39	43.93	28.21	8.70	7.85	7.2	2.45	93.1
826	2/5/2012 5:01:19	10.47	44.23	28.43	8.70	7.85	7.6	2.51	93.4
827	2/5/2012 5:16:20	10.47	44.55	28.66	8.74	7.84	8.4	2.57	93.9
828	2/5/2012 5:31:19	10.46	44.67	28.74	8.76	7.86	7.8	2.64	94.1
829	2/5/2012 5:46:19	10.42	44.80	28.83	8.80	7.87	7.3	2.71	94.6
830	2/5/2012 6:01:19	10.36	44.99	28.97	8.85	7.87	7.3	2.77	95.1
831	2/5/2012 6:16:19	10.26	44.97	28.95	8.91	7.88	8.5	2.84	95.5
832	2/5/2012 6:31:19	10.29	45.36	29.22	8.96	7.88	8.1	2.93	96.3
833	2/5/2012 6:46:19	10.36	45.55	29.37	8.99	7.89	8.9	2.99	96.8
834	2/5/2012 7:01:19	10.29	45.86	29.58	9.02	7.89	7.8	3.06	97.2
835	2/5/2012 7:16:19	10.27	46.28	29.88	9.07	7.90	7.8	3.15	97.8
836	2/5/2012 7:31:19	10.36	47.44	30.72	9.13	7.91	10.1	3.22	99.2
837	2/5/2012 7:46:19	10.35	47.69	30.90	9.14	7.92	12.8	3.29	99.4
838	2/5/2012 8:01:19	10.32	47.84	31.01	9.14	7.92	14.1	3.38	99.4
839	2/5/2012 8:16:19	10.27	48.09	31.18	9.10	7.92	14.7	3.43	99.0
840	2/5/2012 8:31:19	10.21	48.11	31.19	9.06	7.92	15.9	3.50	98.4
841	2/5/2012 8:46:19	10.15	48.41	31.40	9.05	7.92	14.5	3.55	98.3
842	2/5/2012 9:01:19	10.14	48.54	31.49	9.06	7.92	12.6	3.60	98.4
843	2/5/2012 9:16:19	10.12	48.64	31.57	9.07	7.92	11.2	3.64	98.5
844	2/5/2012 9:31:19	10.10	48.69	31.60	9.01	7.92	10.6	3.66	97.9
845	2/5/2012 9:46:19	10.10	48.70	31.61	8.94	7.92	9.7	3.66	97.1
846	2/5/2012 10:01:19	10.11	48.63	31.56	8.99	7.92	11.1	3.65	97.7
847	2/5/2012 10:16:19	10.10	48.68	31.59	8.97	7.92	10.8	3.61	97.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
848	2/5/2012 10:31:19	10.12	48.59	31.53	9.00	7.92	11.7	3.56	97.8
849	2/5/2012 10:46:19	10.20	47.88	31.03	8.98	7.91	11.0	3.50	97.4
850	2/5/2012 11:01:20	10.33	47.12	30.49	8.96	7.88	9.3	3.42	97.1
851	2/5/2012 11:16:19	10.42	46.81	30.27	8.99	7.90	9.5	3.32	97.6
852	2/5/2012 11:31:19	10.51	46.46	30.02	9.00	7.90	9.3	3.22	97.7
853	2/5/2012 11:46:19	10.51	46.34	29.94	9.01	7.90	8.9	3.12	97.7
854	2/5/2012 12:01:19	10.53	46.13	29.79	8.95	7.89	10.0	3.02	97.0
855	2/5/2012 12:16:19	10.47	46.19	29.83	8.95	7.89	10.3	2.91	96.9
856	2/5/2012 12:31:19	10.49	45.91	29.63	8.95	7.89	11.9	2.78	96.8
857	2/5/2012 12:46:19	10.98	45.34	29.25	9.13	7.89	6.7	2.66	99.6
858	2/5/2012 13:01:19	10.92	44.73	28.81	9.15	7.88	6.8	2.56	99.4
859	2/5/2012 13:16:19	10.91	44.54	28.67	9.14	7.80	9.5	2.42	99.3
860	2/5/2012 13:31:19	11.07	44.73	28.81	9.26	7.89	7.5	2.31	101.0
861	2/5/2012 13:46:19	11.20	44.54	28.69	9.35	7.90	8.4	2.17	102.1
862	2/5/2012 14:01:19	11.15	44.11	28.38	9.45	7.89	8.3	2.05	102.9
863	2/5/2012 14:16:19	11.38	44.14	28.41	9.52	7.84	8.4	1.91	104.2
864	2/5/2012 14:31:19	11.38	43.78	28.15	9.67	7.91	8.4	1.76	105.7
865	2/5/2012 14:46:19	11.42	43.66	28.07	9.63	7.91	7.9	1.64	105.3
866	2/5/2012 15:01:19	11.31	43.41	27.89	9.45	7.89	7.5	1.53	103.0
867	2/5/2012 15:16:19	11.36	43.28	27.80	9.40	7.81	7.4	1.41	102.4
868	2/5/2012 15:31:19	11.33	43.15	27.70	9.32	7.88	7.0	1.31	101.4
869	2/5/2012 15:46:19	11.40	43.05	27.64	9.35	7.89	6.8	1.25	101.9
870	2/5/2012 16:01:19	11.41	42.93	27.55	9.33	7.88	6.9	1.19	101.7
871	2/5/2012 16:16:19	11.47	42.95	27.57	9.33	7.89	6.4	1.16	101.7
872	2/5/2012 16:31:19	11.38	43.11	27.68	9.32	7.88	6.8	1.17	101.6
873	2/5/2012 16:46:19	11.36	43.18	27.73	9.32	7.88	6.9	1.18	101.5
874	2/5/2012 17:01:19	11.32	43.28	27.79	9.30	7.88	7.4	1.24	101.2
875	2/5/2012 17:16:19	11.27	43.28	27.79	9.25	7.88	7.2	1.30	100.7
876	2/5/2012 17:31:19	11.23	43.28	27.79	9.26	7.88	6.8	1.36	100.7
877	2/5/2012 17:46:19	11.18	42.86	27.49	9.21	7.87	7.2	1.45	99.9
878	2/5/2012 18:01:19	11.15	42.44	27.19	9.21	7.86	7.5	1.55	99.6
879	2/5/2012 18:16:19	11.16	42.75	27.41	9.20	7.86	7.6	1.60	99.6
880	2/5/2012 18:31:19	11.15	42.76	27.42	9.19	7.86	7.6	1.69	99.5
881	2/5/2012 18:46:19	11.14	43.03	27.61	9.17	7.86	7.6	1.76	99.4
882	2/5/2012 19:01:19	11.06	43.05	27.62	9.12	7.78	7.7	1.85	98.7
883	2/5/2012 19:16:19	11.01	43.50	27.94	9.07	7.78	8.2	1.94	98.3
884	2/5/2012 19:31:19	10.96	43.86	28.19	9.05	7.86	8.6	2.03	98.0
885	2/5/2012 19:46:19	10.91	44.36	28.54	9.03	7.87	9.0	2.12	98.0
886	2/5/2012 20:01:19	10.90	44.52	28.66	9.05	7.87	9.0	2.22	98.3
887	2/5/2012 20:16:19	10.89	44.56	28.68	9.08	7.88	10.1	2.31	98.5
888	2/5/2012 20:31:19	10.87	44.69	28.78	9.07	7.88	9.6	2.40	98.4
889	2/5/2012 20:46:19	10.82	44.91	28.93	9.04	7.88	11.1	2.48	98.1
890	2/5/2012 21:01:19	10.79	45.04	29.02	9.03	7.88	10.6	2.57	98.0
891	2/5/2012 21:16:19	10.75	45.20	29.14	9.03	7.88	12.7	2.65	97.9
892	2/5/2012 21:31:19	10.69	45.51	29.36	9.04	7.88	15.0	2.73	98.1
893	2/5/2012 21:46:19	10.67	45.69	29.48	9.04	7.88	13.9	2.80	98.1
894	2/5/2012 22:01:20	10.63	45.99	29.70	9.06	7.87	14.8	2.88	98.3
895	2/5/2012 22:16:19	10.56	46.79	30.26	9.17	7.90	15.8	2.95	99.7
896	2/5/2012 22:31:20	10.53	47.16	30.52	9.22	7.89	16.4	3.00	100.4
897	2/5/2012 22:46:20	10.51	47.39	30.69	9.22	7.89	13.6	3.06	100.5
898	2/5/2012 23:01:19	10.51	47.50	30.77	9.22	7.92	13.0	3.11	100.5
899	2/5/2012 23:16:19	10.50	47.66	30.89	9.25	7.92	10.6	3.14	100.9
900	2/5/2012 23:31:19	10.49	47.72	30.93	9.20	7.92	8.9	3.15	100.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
901	2/5/2012 23:46:19	10.50	47.65	30.88	9.17	7.92	9.1	3.14	100.0
902	2/6/2012 0:01:19	10.49	47.71	30.92	9.21	7.92	11.2	3.12	100.5
903	2/6/2012 0:16:19	10.50	46.24	29.87	9.06	7.81	10.9	3.07	98.2
904	2/6/2012 0:31:19	10.46	45.88	29.61	9.02	7.89	11.3	3.02	97.5
905	2/6/2012 0:46:19	10.50	46.28	29.90	9.05	7.89	9.0	2.95	98.1
906	2/6/2012 1:01:19	10.52	46.31	29.92	9.09	7.90	12.3	2.87	98.6
907	2/6/2012 1:16:19	10.53	45.62	29.42	9.00	7.88	9.9	2.80	97.3
908	2/6/2012 1:31:19	10.57	45.46	29.31	8.87	7.87	8.3	2.72	96.0
909	2/6/2012 1:46:19	10.58	45.17	29.10	8.83	7.86	8.5	2.66	95.4
910	2/6/2012 2:01:19	10.55	45.10	29.06	8.86	7.86	7.8	2.59	95.6
911	2/6/2012 2:16:19	10.56	45.04	29.01	8.82	7.86	7.9	2.51	95.3
912	2/6/2012 2:31:20	10.54	44.80	28.84	8.83	7.84	7.6	2.45	95.2
913	2/6/2012 2:46:19	10.53	44.49	28.62	8.83	7.85	7.8	2.38	95.0
914	2/6/2012 3:01:19	10.51	44.35	28.52	8.81	7.85	7.5	2.34	94.7
915	2/6/2012 3:16:19	10.54	44.04	28.30	8.79	7.84	6.8	2.28	94.4
916	2/6/2012 3:31:19	10.50	44.13	28.36	8.78	7.84	6.8	2.24	94.3
917	2/6/2012 3:46:19	10.49	43.99	28.26	8.75	7.84	6.5	2.22	93.9
918	2/6/2012 4:01:19	10.55	44.10	28.34	8.67	7.84	6.3	2.20	93.2
919	2/6/2012 4:16:19	10.56	44.36	28.53	8.77	7.77	6.6	2.19	94.4
920	2/6/2012 4:31:19	10.43	43.82	28.14	8.78	7.84	6.7	2.21	93.9
921	2/6/2012 4:46:20	10.47	44.16	28.38	8.73	7.82	7.3	2.23	93.7
922	2/6/2012 5:01:19	10.58	44.46	28.60	8.76	7.85	7.6	2.27	94.4
923	2/6/2012 5:16:19	10.52	44.47	28.60	8.78	7.85	8.4	2.32	94.4
924	2/6/2012 5:31:19	10.41	43.98	28.25	8.84	7.84	8.6	2.36	94.7
925	2/6/2012 5:46:19	10.54	44.83	28.86	8.83	7.86	8.8	2.44	95.1
926	2/6/2012 6:01:19	10.51	45.25	29.16	8.88	7.86	8.7	2.50	95.9
927	2/6/2012 6:16:19	10.48	45.32	29.21	8.91	7.87	8.7	2.57	96.2
928	2/6/2012 6:31:19	10.46	45.41	29.27	8.93	7.87	8.6	2.65	96.3
929	2/6/2012 6:46:19	10.45	45.83	29.57	8.99	7.88	10.0	2.72	97.1
930	2/6/2012 7:01:19	10.44	46.41	29.99	9.04	7.81	9.1	2.81	98.0
931	2/6/2012 7:16:19	10.44	46.83	30.28	9.08	7.90	10.1	2.88	98.5
932	2/6/2012 7:31:19	10.43	47.33	30.64	9.10	7.90	12.9	2.98	99.0
933	2/6/2012 7:46:19	10.40	47.39	30.68	9.11	7.91	11.9	3.07	99.1
934	2/6/2012 8:01:19	10.38	47.65	30.87	9.13	7.91	14.5	3.15	99.4
935	2/6/2012 8:16:19	10.35	47.75	30.94	9.15	7.91	13.0	3.24	99.5
936	2/6/2012 8:31:19	10.31	47.87	31.02	9.15	7.91	14.0	3.32	99.5
937	2/6/2012 8:46:19	10.23	48.16	31.23	9.16	7.92	15.0	3.42	99.6
938	2/6/2012 9:01:19	10.20	48.32	31.34	9.18	7.92	12.6	3.49	99.7
939	2/6/2012 9:16:19	10.18	48.67	31.60	9.17	7.92	13.3	3.56	99.9
940	2/6/2012 9:31:19	10.15	49.00	31.83	9.18	7.93	12.8	3.63	100.0
941	2/6/2012 9:46:19	10.13	49.20	31.97	9.16	7.93	11.8	3.67	99.9
942	2/6/2012 10:01:19	10.14	49.18	31.96	9.17	7.93	9.8	3.71	99.9
943	2/6/2012 10:16:19	10.13	49.30	32.04	9.13	7.93	8.8	3.74	99.5
944	2/6/2012 10:31:19	10.16	49.02	31.84	9.15	7.93	8.9	3.74	99.7
945	2/6/2012 10:46:19	10.13	49.31	32.05	9.11	7.93	8.8	3.74	99.3
946	2/6/2012 11:01:19	10.16	49.16	31.94	9.13	7.93	10.0	3.70	99.5
947	2/6/2012 11:16:19	10.29	48.49	31.47	9.17	7.93	10.4	3.66	100.0
948	2/6/2012 11:31:19	10.46	47.96	31.10	9.22	7.92	7.5	3.59	100.6
949	2/6/2012 11:46:19	10.51	47.66	30.89	9.20	7.91	7.9	3.49	100.4
950	2/6/2012 12:01:20	10.56	47.38	30.69	9.15	7.89	7.4	3.39	99.8
951	2/6/2012 12:16:19	10.58	47.16	30.53	9.13	7.90	7.7	3.29	99.5
952	2/6/2012 12:31:19	10.66	46.89	30.34	9.09	7.90	7.4	3.16	99.2
953	2/6/2012 12:46:19	10.72	46.54	30.10	9.05	7.89	8.1	3.05	98.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
954	2/6/2012 13:01:19	10.79	46.33	29.94	9.06	7.89	8.4	2.92	98.8
955	2/6/2012 13:16:19	10.90	45.79	29.56	8.99	7.80	9.0	2.78	98.1
956	2/6/2012 13:31:19	11.02	45.86	29.62	9.08	7.88	7.5	2.66	99.4
957	2/6/2012 13:46:19	11.11	45.63	29.46	9.08	7.80	6.8	2.54	99.4
958	2/6/2012 14:01:19	11.13	45.53	29.39	9.13	7.88	6.9	2.39	100.0
959	2/6/2012 14:16:19	11.18	45.38	29.28	9.15	7.88	8.4	2.27	100.3
960	2/6/2012 14:31:19	11.28	45.16	29.13	9.25	7.89	9.0	2.13	101.5
961	2/6/2012 14:46:19	11.36	44.96	29.00	9.29	7.89	9.4	2.00	102.0
962	2/6/2012 15:01:19	11.39	44.66	28.78	9.17	7.90	11.7	1.85	100.6
963	2/6/2012 15:16:19	11.33	44.17	28.43	9.22	7.88	10.0	1.72	100.8
964	2/6/2012 15:31:19	11.51	44.21	28.47	9.43	7.90	10.3	1.57	103.5
965	2/6/2012 15:46:19	11.52	44.05	28.36	9.33	7.90	9.5	1.45	102.4
966	2/6/2012 16:01:19	11.46	43.81	28.18	9.28	7.89	9.7	1.33	101.6
967	2/6/2012 16:16:19	11.39	43.67	28.08	9.25	7.88	8.1	1.23	101.1
968	2/6/2012 16:31:19	11.42	43.68	28.08	9.24	7.88	8.1	1.17	101.0
969	2/6/2012 16:46:19	11.44	43.66	28.07	9.25	7.88	7.7	1.10	101.2
970	2/6/2012 17:01:19	11.45	43.63	28.05	9.22	7.88	7.6	1.08	100.9
971	2/6/2012 17:16:19	11.41	43.67	28.08	9.25	7.88	7.7	1.10	101.1
972	2/6/2012 17:31:19	11.37	43.73	28.12	9.22	7.88	8.1	1.14	100.8
973	2/6/2012 17:46:19	11.35	43.80	28.16	9.21	7.88	8.7	1.20	100.6
974	2/6/2012 18:01:19	11.34	43.85	28.20	9.19	7.87	9.6	1.28	100.4
975	2/6/2012 18:16:19	11.28	43.49	27.94	9.17	7.78	9.4	1.37	99.8
976	2/6/2012 18:31:19	11.28	43.49	27.94	9.15	7.86	9.2	1.46	99.6
977	2/6/2012 18:46:19	11.24	43.27	27.78	9.13	7.85	9.7	1.55	99.2
978	2/6/2012 19:01:19	11.25	43.53	27.97	9.09	7.78	9.3	1.64	99.0
979	2/6/2012 19:16:19	11.18	43.99	28.29	9.03	7.86	9.3	1.73	98.4
980	2/6/2012 19:31:19	11.16	44.27	28.49	9.01	7.86	8.7	1.83	98.2
981	2/6/2012 19:46:19	11.10	44.54	28.68	8.98	7.86	8.6	1.92	97.9
982	2/6/2012 20:01:19	11.03	44.68	28.78	9.01	7.86	8.7	2.03	98.1
983	2/6/2012 20:16:19	10.97	45.22	29.16	9.04	7.87	10.8	2.13	98.6
984	2/6/2012 20:31:19	10.94	45.34	29.24	9.06	7.87	10.5	2.21	98.8
985	2/6/2012 20:46:19	10.93	45.52	29.37	9.08	7.80	11.2	2.33	99.0
986	2/6/2012 21:01:19	10.89	45.74	29.53	9.04	7.88	12.5	2.42	98.6
987	2/6/2012 21:16:19	10.88	45.84	29.60	9.01	7.88	13.8	2.51	98.4
988	2/6/2012 21:31:19	10.84	45.96	29.68	9.01	7.88	16.7	2.61	98.3
989	2/6/2012 21:46:19	10.78	46.20	29.86	9.05	7.88	17.2	2.71	98.7
990	2/6/2012 22:01:19	10.74	46.54	30.09	9.05	7.81	16.1	2.80	98.7
991	2/6/2012 22:16:19	10.63	47.54	30.81	9.06	7.82	17.3	2.90	99.1
992	2/6/2012 22:31:19	10.60	47.82	31.00	9.07	7.91	16.7	2.98	99.2
993	2/6/2012 22:46:19	10.58	48.15	31.24	9.07	7.83	15.5	3.07	99.4
994	2/6/2012 23:01:19	10.54	48.36	31.39	9.05	7.92	14.0	3.16	99.2
995	2/6/2012 23:16:19	10.50	48.60	31.56	9.06	7.93	12.2	3.21	99.2
996	2/6/2012 23:31:19	10.46	48.86	31.75	9.08	7.93	10.6	3.27	99.6
997	2/6/2012 23:46:19	10.44	48.93	31.80	9.08	7.94	9.9	3.31	99.6
998	2/7/2012 0:01:20	10.43	49.08	31.90	9.04	7.91	7.5	3.33	99.2
999	2/7/2012 0:16:19	10.44	49.06	31.89	8.99	7.93	8.4	3.32	98.6
1000	2/7/2012 0:31:19	10.44	49.03	31.87	9.03	7.94	8.0	3.29	99.0
1001	2/7/2012 0:46:19	10.55	48.07	31.19	8.98	7.91	9.1	3.25	98.3
1002	2/7/2012 1:01:19	10.60	47.66	30.89	8.94	7.82	9.9	3.18	97.8
1003	2/7/2012 1:16:19	10.67	47.07	30.47	8.90	7.89	9.9	3.07	97.2
1004	2/7/2012 1:31:19	10.68	46.95	30.39	8.93	7.89	13.4	3.01	97.5
1005	2/7/2012 1:46:19	10.71	46.66	30.18	8.90	7.88	20.9	2.92	97.1
1006	2/7/2012 2:01:19	10.71	46.63	30.15	8.86	7.88	19.8	2.83	96.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1007	2/7/2012 2:16:19	10.72	46.53	30.08	8.88	7.88	14.5	2.76	96.9
1008	2/7/2012 2:31:19	10.74	46.37	29.98	8.88	7.87	14.8	2.67	96.9
1009	2/7/2012 2:46:19	10.76	46.12	29.80	8.88	7.87	15.9	2.60	96.8
1010	2/7/2012 3:01:19	10.77	45.82	29.58	8.88	7.78	16.3	2.52	96.6
1011	2/7/2012 3:16:19	10.79	45.81	29.58	8.86	7.86	15.7	2.46	96.5
1012	2/7/2012 3:31:19	10.79	45.84	29.59	8.87	7.86	14.4	2.39	96.6
1013	2/7/2012 3:46:19	10.86	45.17	29.12	8.86	7.85	14.1	2.32	96.3
1014	2/7/2012 4:01:19	10.92	44.72	28.80	8.83	7.84	12.2	2.27	96.0
1015	2/7/2012 4:16:19	10.93	44.64	28.75	8.85	7.84	12.0	2.22	96.2
1016	2/7/2012 4:31:19	10.94	44.52	28.66	8.81	7.84	9.9	2.19	95.6
1017	2/7/2012 4:46:19	10.96	44.26	28.47	8.84	7.76	9.5	2.15	95.9
1018	2/7/2012 5:01:19	10.98	44.13	28.38	8.83	7.76	8.9	2.13	95.8
1019	2/7/2012 5:16:19	10.89	44.92	28.95	8.75	7.76	10.1	2.13	95.1
1020	2/7/2012 5:31:19	10.88	44.99	28.99	8.75	7.84	11.5	2.17	95.2
1021	2/7/2012 5:46:19	10.91	44.64	28.74	8.78	7.84	11.0	2.19	95.4
1022	2/7/2012 6:01:19	10.86	45.09	29.07	8.70	7.83	11.1	2.22	94.5
1023	2/7/2012 6:16:19	10.87	44.74	28.81	8.82	7.84	10.3	2.31	95.8
1024	2/7/2012 6:31:19	10.83	44.91	28.94	8.79	7.84	11.5	2.38	95.4
1025	2/7/2012 6:46:19	10.81	45.38	29.27	8.78	7.85	13.4	2.45	95.4
1026	2/7/2012 7:01:19	10.77	45.56	29.40	8.80	7.85	10.4	2.52	95.7
1027	2/7/2012 7:16:19	10.71	46.44	30.02	8.81	7.87	16.2	2.61	96.0
1028	2/7/2012 7:31:19	10.70	46.63	30.16	8.86	7.88	17.8	2.70	96.6
1029	2/7/2012 7:46:19	10.68	46.85	30.31	8.91	7.88	15.0	2.78	97.2
1030	2/7/2012 8:01:19	10.66	47.01	30.43	8.93	7.89	13.6	2.88	97.5
1031	2/7/2012 8:16:19	10.63	47.30	30.64	8.94	7.89	17.0	2.97	97.6
1032	2/7/2012 8:31:19	10.59	47.56	30.82	8.97	7.90	18.3	3.06	98.0
1033	2/7/2012 8:46:19	10.56	47.81	30.99	9.00	7.91	15.4	3.16	98.4
1034	2/7/2012 9:01:19	10.52	48.04	31.16	9.04	7.91	12.8	3.26	98.9
1035	2/7/2012 9:16:19	10.49	48.36	31.39	9.06	7.92	13.1	3.35	99.2
1036	2/7/2012 9:31:19	10.45	48.67	31.61	9.09	7.93	12.5	3.44	99.6
1037	2/7/2012 9:46:19	10.44	48.81	31.71	9.12	7.93	10.7	3.53	99.9
1038	2/7/2012 10:01:19	10.41	49.02	31.86	9.15	7.94	11.1	3.60	100.3
1039	2/7/2012 10:16:19	10.41	49.10	31.92	9.15	7.94	10.0	3.67	100.3
1040	2/7/2012 10:31:20	10.39	49.32	32.08	9.16	7.93	8.6	3.74	100.4
1041	2/7/2012 10:46:19	10.39	49.37	32.11	9.17	7.95	8.0	3.78	100.5
1042	2/7/2012 11:01:19	10.38	49.43	32.15	9.19	7.96	6.6	3.82	100.9
1043	2/7/2012 11:16:19	10.39	49.44	32.16	9.15	7.95	6.3	3.84	100.4
1044	2/7/2012 11:31:19	10.40	49.35	32.10	9.09	7.95	7.0	3.83	99.7
1045	2/7/2012 11:46:19	10.39	49.44	32.16	9.10	7.95	7.2	3.81	99.9
1046	2/7/2012 12:01:19	10.54	48.42	31.43	9.10	7.93	7.2	3.75	99.8
1047	2/7/2012 12:16:19	10.58	48.23	31.30	9.14	7.84	7.6	3.68	100.1
1048	2/7/2012 12:31:19	10.59	48.24	31.31	9.20	7.93	6.8	3.59	100.8
1049	2/7/2012 12:46:19	10.63	47.91	31.07	9.08	7.91	8.6	3.48	99.5
1050	2/7/2012 13:01:19	10.68	47.28	30.62	8.99	7.90	13.5	3.37	98.3
1051	2/7/2012 13:16:19	10.72	46.90	30.35	9.02	7.89	10.3	3.25	98.5
1052	2/7/2012 13:31:19	10.78	46.54	30.10	8.95	7.88	11.9	3.11	97.7
1053	2/7/2012 13:46:19	10.83	46.23	29.88	8.95	7.88	8.8	2.99	97.7
1054	2/7/2012 14:01:19	10.87	45.96	29.68	8.93	7.87	8.0	2.87	97.5
1055	2/7/2012 14:16:19	10.89	45.84	29.60	8.93	7.78	7.7	2.72	97.5
1056	2/7/2012 14:31:19	10.87	46.18	29.84	8.93	7.87	7.8	2.59	97.6
1057	2/7/2012 14:46:19	10.88	45.99	29.70	8.95	7.79	8.6	2.45	97.7
1058	2/7/2012 15:01:19	10.91	45.82	29.59	8.89	7.86	10.0	2.31	97.0
1059	2/7/2012 15:16:19	10.91	45.94	29.67	8.90	7.87	8.9	2.17	97.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1060	2/7/2012 15:31:19	10.97	45.57	29.41	8.89	7.87	11.6	2.01	97.0
1061	2/7/2012 15:46:19	11.03	45.29	29.22	8.97	7.86	10.0	1.87	98.0
1062	2/7/2012 16:01:19	11.08	45.09	29.07	8.98	7.86	10.3	1.73	98.0
1063	2/7/2012 16:16:19	11.15	44.82	28.88	9.06	7.86	9.6	1.57	99.0
1064	2/7/2012 16:31:19	11.17	44.72	28.81	8.98	7.78	10.6	1.46	98.2
1065	2/7/2012 16:46:19	11.20	44.56	28.70	8.93	7.85	9.8	1.35	97.5
1066	2/7/2012 17:01:19	11.23	44.45	28.62	8.90	7.85	8.6	1.23	97.2
1067	2/7/2012 17:16:19	11.25	44.34	28.55	8.86	7.84	7.9	1.16	96.8
1068	2/7/2012 17:31:19	11.27	44.22	28.46	8.89	7.84	7.5	1.13	97.1
1069	2/7/2012 17:46:19	11.26	44.25	28.48	8.82	7.84	7.2	1.09	96.3
1070	2/7/2012 18:01:19	11.24	44.30	28.52	8.88	7.84	7.3	1.14	96.9
1071	2/7/2012 18:16:19	11.21	44.39	28.58	8.87	7.84	7.8	1.19	96.8
1072	2/7/2012 18:31:19	11.20	44.38	28.57	8.89	7.84	8.2	1.27	97.0
1073	2/7/2012 18:46:19	11.15	44.18	28.43	8.90	7.84	10.3	1.37	97.0
1074	2/7/2012 19:01:19	11.14	44.13	28.39	8.87	7.83	10.1	1.45	96.6
1075	2/7/2012 19:16:19	11.13	44.03	28.32	8.86	7.83	9.8	1.55	96.4
1076	2/7/2012 19:31:19	11.12	43.89	28.22	8.86	7.83	9.9	1.66	96.3
1077	2/7/2012 19:46:19	11.11	44.16	28.41	8.84	7.75	9.5	1.76	96.2
1078	2/7/2012 20:01:19	11.06	44.66	28.76	8.81	7.84	9.9	1.86	96.1
1079	2/7/2012 20:16:19	11.06	44.72	28.81	8.81	7.84	8.7	1.95	96.0
1080	2/7/2012 20:31:19	11.01	45.12	29.09	8.80	7.84	9.0	2.05	96.0
1081	2/7/2012 20:46:19	10.98	45.27	29.20	8.83	7.85	9.5	2.15	96.3
1082	2/7/2012 21:01:19	10.95	45.53	29.39	8.85	7.77	10.5	2.27	96.6
1083	2/7/2012 21:16:19	10.93	45.68	29.49	8.87	7.86	11.1	2.37	96.8
1084	2/7/2012 21:31:19	10.90	45.84	29.60	8.88	7.78	12.8	2.49	96.9
1085	2/7/2012 21:46:19	10.87	46.07	29.76	8.88	7.78	13.5	2.60	97.0
1086	2/7/2012 22:01:19	10.85	46.22	29.87	8.89	7.87	14.1	2.68	97.1
1087	2/7/2012 22:16:19	10.80	46.40	30.00	8.92	7.88	16.3	2.78	97.4
1088	2/7/2012 22:31:19	10.76	46.66	30.18	8.95	7.88	17.2	2.88	97.8
1089	2/7/2012 22:46:19	10.70	47.16	30.54	9.06	7.89	19.4	2.96	99.0
1090	2/7/2012 23:01:19	10.63	47.82	31.00	9.14	7.91	17.3	3.06	100.1
1091	2/7/2012 23:16:19	10.59	48.06	31.18	9.19	7.92	16.6	3.15	100.6
1092	2/7/2012 23:31:19	10.56	48.43	31.44	9.24	7.92	15.5	3.26	101.3
1093	2/7/2012 23:46:19	10.51	48.70	31.63	9.33	7.94	13.1	3.34	102.3
1094	2/8/2012 0:01:19	10.49	48.95	31.81	9.40	7.95	10.8	3.36	103.2
1095	2/8/2012 0:16:19	10.49	49.09	31.91	9.42	7.95	9.9	3.45	103.4
1096	2/8/2012 0:31:19	10.48	49.12	31.94	9.41	7.95	8.4	3.44	103.3
1097	2/8/2012 0:46:20	10.50	49.02	31.87	9.31	7.92	8.3	3.43	102.2
1098	2/8/2012 1:01:19	10.50	48.97	31.83	9.37	7.95	8.3	3.42	102.8
1099	2/8/2012 1:16:19	10.53	48.46	31.47	9.13	7.93	10.0	3.37	100.1
1100	2/8/2012 1:31:19	10.57	47.35	30.66	9.00	7.90	9.8	3.34	98.2
1101	2/8/2012 1:46:19	10.57	47.67	30.90	9.01	7.90	10.3	3.26	98.5
1102	2/8/2012 2:01:20	10.59	47.28	30.62	8.96	7.87	14.6	3.14	97.8
1103	2/8/2012 2:16:19	10.63	46.79	30.27	8.84	7.88	12.5	3.05	96.3
1104	2/8/2012 2:31:19	10.63	46.83	30.29	8.85	7.88	11.1	2.98	96.4
1105	2/8/2012 2:46:19	10.63	46.93	30.37	8.84	7.87	10.1	2.88	96.4
1106	2/8/2012 3:01:19	10.64	46.72	30.22	8.82	7.87	9.7	2.77	96.1
1107	2/8/2012 3:16:19	10.65	46.55	30.10	8.80	7.86	9.2	2.69	95.9
1108	2/8/2012 3:31:19	10.65	46.59	30.12	8.80	7.86	8.4	2.58	95.9
1109	2/8/2012 3:46:19	10.66	46.26	29.89	8.80	7.86	8.2	2.50	95.7
1110	2/8/2012 4:01:19	10.70	45.86	29.60	8.74	7.77	8.4	2.39	95.0
1111	2/8/2012 4:16:19	10.74	45.42	29.29	8.68	7.84	9.0	2.34	94.2
1112	2/8/2012 4:31:19	10.72	45.51	29.35	8.68	7.84	8.1	2.27	94.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1113	2/8/2012 4:46:19	10.68	45.64	29.45	8.65	7.84	7.6	2.18	93.9
1114	2/8/2012 5:01:19	10.70	45.27	29.18	8.62	7.83	7.2	2.10	93.4
1115	2/8/2012 5:16:19	10.71	45.09	29.05	8.59	7.82	7.5	2.05	93.1
1116	2/8/2012 5:31:19	10.74	44.88	28.91	8.57	7.82	7.4	2.02	92.8
1117	2/8/2012 5:46:19	10.75	44.63	28.73	8.56	7.73	6.9	2.00	92.6
1118	2/8/2012 6:01:19	10.74	44.95	28.96	8.52	7.74	7.6	1.99	92.3
1119	2/8/2012 6:16:19	10.76	45.20	29.14	8.55	7.82	7.5	2.04	92.8
1120	2/8/2012 6:31:19	10.74	45.06	29.04	8.57	7.82	8.0	2.04	92.8
1121	2/8/2012 6:46:19	10.74	45.11	29.07	8.57	7.74	8.3	2.12	92.9
1122	2/8/2012 7:01:19	10.69	44.78	28.83	8.65	7.82	9.8	2.21	93.5
1123	2/8/2012 7:16:19	10.65	44.67	28.75	8.65	7.82	9.7	2.28	93.4
1124	2/8/2012 7:31:19	10.71	45.06	29.03	8.62	7.82	9.0	2.36	93.4
1125	2/8/2012 7:46:19	10.70	45.47	29.33	8.65	7.83	9.8	2.48	93.8
1126	2/8/2012 8:01:19	10.67	46.08	29.76	8.69	7.85	9.8	2.57	94.5
1127	2/8/2012 8:16:19	10.66	46.27	29.90	8.77	7.86	10.2	2.65	95.4
1128	2/8/2012 8:31:19	10.66	46.54	30.09	8.83	7.87	9.9	2.72	96.1
1129	2/8/2012 8:46:19	10.66	46.66	30.18	8.86	7.87	9.9	2.83	96.5
1130	2/8/2012 9:01:19	10.63	46.79	30.27	8.90	7.88	11.9	2.90	97.0
1131	2/8/2012 9:16:19	10.60	47.26	30.60	8.93	7.89	13.6	3.00	97.4
1132	2/8/2012 9:31:19	10.57	47.53	30.79	9.00	7.90	15.6	3.12	98.3
1133	2/8/2012 9:46:19	10.55	47.74	30.94	9.07	7.90	15.2	3.20	99.1
1134	2/8/2012 10:01:19	10.55	47.87	31.04	9.14	7.91	13.0	3.31	100.0
1135	2/8/2012 10:16:19	10.53	48.25	31.31	9.21	7.92	12.7	3.42	100.8
1136	2/8/2012 10:31:19	10.50	48.60	31.56	9.37	7.94	12.1	3.49	102.7
1137	2/8/2012 10:46:19	10.49	48.81	31.71	9.43	7.95	11.7	3.60	103.4
1138	2/8/2012 11:01:19	10.48	48.92	31.79	9.49	7.95	10.2	3.66	104.1
1139	2/8/2012 11:16:20	10.50	49.08	31.91	9.49	7.93	8.6	3.73	104.2
1140	2/8/2012 11:31:19	10.52	49.13	31.94	9.51	7.96	7.8	3.78	104.5
1141	2/8/2012 11:46:19	10.52	49.12	31.94	9.53	7.96	7.3	3.82	104.7
1142	2/8/2012 12:01:19	10.54	49.01	31.86	9.46	7.95	7.3	3.81	104.0
1143	2/8/2012 12:16:20	10.53	49.13	31.95	9.43	7.93	7.5	3.82	103.6
1144	2/8/2012 12:31:19	10.52	49.17	31.98	9.46	7.96	7.2	3.79	104.0
1145	2/8/2012 12:46:19	10.98	48.01	31.16	9.40	7.93	7.5	3.73	103.8
1146	2/8/2012 13:01:19	10.98	47.74	30.97	9.31	7.92	7.2	3.65	102.7
1147	2/8/2012 13:16:19	10.81	48.12	31.23	9.35	7.93	8.7	3.55	102.9
1148	2/8/2012 13:31:19	10.88	47.84	31.04	9.24	7.92	9.5	3.43	101.8
1149	2/8/2012 13:46:19	10.99	47.46	30.77	9.19	7.91	8.1	3.31	101.2
1150	2/8/2012 14:01:19	11.00	47.09	30.51	9.06	7.89	11.2	3.18	99.7
1151	2/8/2012 14:16:19	11.15	46.88	30.36	9.04	7.89	9.1	3.06	99.6
1152	2/8/2012 14:31:20	11.16	46.87	30.35	9.04	7.86	8.7	2.96	99.7
1153	2/8/2012 14:46:20	11.23	47.01	30.46	9.09	7.87	7.8	2.82	100.5
1154	2/8/2012 15:01:19	11.20	46.89	30.37	9.09	7.90	8.0	2.68	100.4
1155	2/8/2012 15:16:20	11.20	46.78	30.29	9.12	7.86	8.3	2.55	100.7
1156	2/8/2012 15:31:20	11.26	46.63	30.19	9.04	7.86	9.0	2.41	99.8
1157	2/8/2012 15:46:19	11.35	46.75	30.27	8.97	7.92	9.5	2.26	99.3
1158	2/8/2012 16:01:19	11.35	45.69	29.52	9.12	7.88	9.7	2.11	100.5
1159	2/8/2012 16:16:19	11.32	45.54	29.41	9.08	7.86	10.0	1.97	99.9
1160	2/8/2012 16:31:19	11.37	45.55	29.41	9.09	7.87	10.3	1.82	100.1
1161	2/8/2012 16:46:19	11.41	45.51	29.39	9.18	7.88	10.3	1.68	101.2
1162	2/8/2012 17:01:19	11.44	45.29	29.24	9.05	7.87	11.7	1.54	99.8
1163	2/8/2012 17:16:19	11.44	45.06	29.07	8.94	7.85	9.8	1.42	98.5
1164	2/8/2012 17:31:19	11.45	44.96	29.00	8.92	7.85	8.8	1.30	98.1
1165	2/8/2012 17:46:19	11.47	44.71	28.82	8.89	7.84	9.0	1.20	97.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1166	2/8/2012 18:01:19	11.49	44.56	28.72	8.86	7.84	8.5	1.17	97.5
1167	2/8/2012 18:16:20	11.49	44.60	28.74	8.83	7.81	10.4	1.14	97.1
1168	2/8/2012 18:31:19	11.47	44.65	28.77	8.85	7.84	8.7	1.17	97.3
1169	2/8/2012 18:46:19	11.45	44.74	28.84	8.87	7.84	8.0	1.20	97.5
1170	2/8/2012 19:01:19	11.44	44.74	28.84	8.88	7.84	8.3	1.30	97.6
1171	2/8/2012 19:16:19	11.42	44.87	28.93	8.89	7.84	9.2	1.39	97.7
1172	2/8/2012 19:31:19	11.44	44.51	28.68	8.87	7.83	9.7	1.47	97.4
1173	2/8/2012 19:46:19	11.44	44.56	28.71	8.86	7.83	9.2	1.58	97.3
1174	2/8/2012 20:01:19	11.45	44.38	28.59	8.86	7.82	9.4	1.66	97.2
1175	2/8/2012 20:16:19	11.44	44.52	28.69	8.84	7.83	9.4	1.76	97.0
1176	2/8/2012 20:31:19	11.43	44.64	28.77	8.85	7.75	9.4	1.87	97.1
1177	2/8/2012 20:46:19	11.38	44.92	28.97	8.84	7.75	9.0	1.96	97.1
1178	2/8/2012 21:01:19	11.30	45.31	29.24	8.85	7.84	9.0	2.07	97.3
1179	2/8/2012 21:16:19	11.25	45.28	29.21	8.89	7.84	8.8	2.19	97.5
1180	2/8/2012 21:31:19	11.17	45.79	29.58	8.91	7.85	10.0	2.31	97.9
1181	2/8/2012 21:46:19	11.15	45.99	29.72	8.93	7.86	10.2	2.41	98.1
1182	2/8/2012 22:01:19	11.13	46.04	29.75	8.96	7.78	11.9	2.53	98.4
1183	2/8/2012 22:16:19	11.09	46.39	30.00	8.96	7.87	13.3	2.63	98.4
1184	2/8/2012 22:31:19	11.06	46.49	30.07	8.96	7.87	15.0	2.72	98.4
1185	2/8/2012 22:46:19	11.02	46.74	30.25	9.04	7.88	16.4	2.84	99.3
1186	2/8/2012 23:01:19	10.99	46.97	30.41	9.11	7.89	15.5	2.93	100.2
1187	2/8/2012 23:16:19	10.92	47.61	30.88	9.31	7.91	17.8	3.03	102.5
1188	2/8/2012 23:31:19	10.88	48.02	31.16	9.46	7.93	15.5	3.13	104.2
1189	2/8/2012 23:46:19	10.87	48.30	31.36	9.53	7.94	15.5	3.22	105.2
1190	2/9/2012 0:01:19	10.82	48.30	31.36	9.58	7.86	15.4	3.33	105.6
1191	2/9/2012 0:16:19	10.75	48.73	31.67	9.65	7.96	13.9	3.41	106.4
1192	2/9/2012 0:31:19	10.70	48.99	31.85	9.71	7.96	12.2	3.49	107.0
1193	2/9/2012 0:46:19	10.66	49.09	31.93	9.75	7.97	10.9	3.54	107.5
1194	2/9/2012 1:01:19	10.65	49.21	32.01	9.77	7.98	9.0	3.57	107.7
1195	2/9/2012 1:16:19	10.65	49.23	32.02	9.70	7.98	6.8	3.57	106.9
1196	2/9/2012 1:31:19	10.69	49.05	31.90	9.65	7.97	9.5	3.56	106.4
1197	2/9/2012 1:46:19	10.65	49.21	32.01	9.71	7.97	9.1	3.53	107.0
1198	2/9/2012 2:01:19	10.80	47.55	30.82	9.23	7.91	8.7	3.46	101.3
1199	2/9/2012 2:16:19	10.82	47.73	30.95	9.26	7.91	10.4	3.35	101.8
1200	2/9/2012 2:31:19	10.83	47.71	30.94	9.24	7.91	10.3	3.27	101.6
1201	2/9/2012 2:46:19	10.86	47.47	30.77	9.19	7.90	10.6	3.16	101.0
1202	2/9/2012 3:01:19	10.85	47.48	30.78	9.13	7.90	10.8	3.04	100.3
1203	2/9/2012 3:16:19	10.85	47.34	30.67	9.08	7.89	10.1	2.93	99.7
1204	2/9/2012 3:31:19	10.83	47.31	30.65	9.04	7.89	9.7	2.81	99.2
1205	2/9/2012 3:46:19	10.87	46.81	30.29	9.00	7.87	9.6	2.72	98.6
1206	2/9/2012 4:01:19	10.87	46.77	30.26	8.92	7.88	11.2	2.61	97.7
1207	2/9/2012 4:16:19	10.77	47.24	30.60	8.99	7.88	8.4	2.50	98.5
1208	2/9/2012 4:31:19	10.90	46.20	29.86	8.89	7.78	8.9	2.38	97.2
1209	2/9/2012 4:46:19	10.95	45.70	29.51	8.79	7.76	9.3	2.31	96.0
1210	2/9/2012 5:01:19	10.90	45.72	29.52	8.75	7.76	8.7	2.21	95.5
1211	2/9/2012 5:16:19	10.84	45.69	29.49	8.72	7.83	8.3	2.12	95.0
1212	2/9/2012 5:31:19	10.85	45.40	29.28	8.68	7.82	8.2	2.04	94.4
1213	2/9/2012 5:46:19	10.85	45.30	29.21	8.63	7.82	8.0	1.96	93.8
1214	2/9/2012 6:01:19	10.85	45.11	29.08	8.60	7.81	8.1	1.87	93.5
1215	2/9/2012 6:16:19	10.85	45.06	29.04	8.57	7.81	8.6	1.85	93.1
1216	2/9/2012 6:31:19	10.89	44.80	28.86	8.50	7.72	7.9	1.82	92.3
1217	2/9/2012 6:46:19	10.85	45.07	29.05	8.57	7.81	8.5	1.84	93.1
1218	2/9/2012 7:01:19	10.86	45.13	29.09	8.59	7.81	8.4	1.87	93.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1219	2/9/2012 7:16:19	10.90	45.20	29.14	8.62	7.73	8.3	1.90	93.8
1220	2/9/2012 7:31:19	10.87	45.26	29.19	8.64	7.82	8.3	1.98	94.0
1221	2/9/2012 7:46:19	10.83	45.00	29.00	8.65	7.81	9.4	2.05	93.9
1222	2/9/2012 8:01:19	10.80	44.78	28.84	8.66	7.73	9.0	2.14	93.9
1223	2/9/2012 8:16:19	10.86	45.04	29.03	8.67	7.74	9.2	2.25	94.2
1224	2/9/2012 8:31:19	10.90	45.61	29.44	8.68	7.83	9.2	2.33	94.6
1225	2/9/2012 8:46:19	10.88	45.97	29.70	8.74	7.84	8.0	2.43	95.4
1226	2/9/2012 9:01:19	10.87	46.33	29.95	8.84	7.86	8.7	2.51	96.7
1227	2/9/2012 9:16:19	10.89	46.53	30.10	8.93	7.78	8.5	2.61	97.7
1228	2/9/2012 9:31:19	10.90	46.72	30.23	8.97	7.87	8.3	2.70	98.3
1229	2/9/2012 9:46:19	10.90	46.84	30.32	9.02	7.88	8.9	2.79	98.9
1230	2/9/2012 10:01:19	10.87	46.98	30.41	9.06	7.88	10.1	2.87	99.3
1231	2/9/2012 10:16:19	10.87	47.24	30.60	9.10	7.89	11.1	2.98	99.9
1232	2/9/2012 10:31:19	10.86	47.36	30.69	9.14	7.90	12.3	3.07	100.4
1233	2/9/2012 10:46:19	10.78	47.70	30.93	9.28	7.83	14.4	3.15	101.9
1234	2/9/2012 11:01:19	10.76	47.95	31.11	9.35	7.92	13.9	3.27	102.7
1235	2/9/2012 11:16:19	10.73	48.16	31.26	9.43	7.93	15.0	3.35	103.7
1236	2/9/2012 11:31:19	10.67	48.61	31.58	9.58	7.95	14.4	3.45	105.4
1237	2/9/2012 11:46:19	10.67	48.86	31.76	9.63	7.96	12.0	3.55	106.0
1238	2/9/2012 12:01:19	10.63	49.00	31.86	9.66	7.96	11.3	3.61	106.3
1239	2/9/2012 12:16:19	10.63	49.10	31.93	9.65	7.97	10.8	3.70	106.3
	Mean	10.58	43.79	28.13	8.97	7.84	8.72	2.55	96.38
	Minimum	9.77	37.29	23.57	8.50	7.69	4.90	1.08	90.50
	Maximum	11.62	49.44	32.16	9.77	7.98	39.10	3.84	107.70

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
0	2/9/2012 13:01:19	10.63	48.76	31.69	9.59	8.06	8.1	3.94	105.5
1	2/9/2012 13:16:19	10.63	48.88	31.77	9.49	8.02	7.9	3.89	104.4
2	2/9/2012 13:31:19	10.65	48.78	31.70	9.48	8.00	9.5	3.81	104.3
3	2/9/2012 13:46:19	10.86	48.40	31.44	9.52	8.03	9.2	3.76	105.0
4	2/9/2012 14:01:19	11.13	47.75	30.98	9.38	8.01	8.7	3.65	103.8
5	2/9/2012 14:16:19	11.21	47.66	30.92	9.35	7.99	7.5	3.53	103.6
6	2/9/2012 14:31:19	11.22	47.45	30.77	9.31	8.01	7.6	3.42	103.1
7	2/9/2012 14:46:19	11.32	47.34	30.70	9.30	7.97	7.6	3.28	103.2
8	2/9/2012 15:01:19	11.35	47.33	30.69	9.31	7.97	7.6	3.15	103.3
9	2/9/2012 15:16:19	11.39	47.13	30.55	9.34	7.96	7.3	3.04	103.6
10	2/9/2012 15:31:19	11.34	47.23	30.62	9.26	7.96	8.1	2.93	102.7
11	2/9/2012 15:46:19	11.45	46.78	30.30	9.20	7.94	8.3	2.79	102.0
12	2/9/2012 16:01:19	11.51	46.90	30.39	9.17	7.95	8.8	2.67	102.0
13	2/9/2012 16:16:19	11.56	46.61	30.19	9.24	7.95	8.4	2.53	102.7
14	2/9/2012 16:31:19	11.61	46.44	30.07	9.15	7.94	9.0	2.36	101.7
15	2/9/2012 16:46:19	11.60	46.10	29.82	9.16	7.92	9.4	2.25	101.6
16	2/9/2012 17:01:19	11.61	45.60	29.46	9.20	7.97	9.9	2.09	101.8
17	2/9/2012 17:16:19	11.62	45.86	29.65	9.28	8.00	10.3	1.97	103.0
18	2/9/2012 17:31:19	11.63	45.56	29.44	9.15	7.92	10.2	1.83	101.3
19	2/9/2012 17:46:19	11.64	45.38	29.31	9.05	7.90	9.5	1.72	100.2
20	2/9/2012 18:01:19	11.69	45.14	29.14	8.98	7.89	9.2	1.63	99.4
21	2/9/2012 18:16:19	11.69	45.00	29.03	8.96	7.95	8.9	1.51	99.1
22	2/9/2012 18:31:19	11.70	44.91	28.97	8.95	7.88	8.9	1.47	99.0
23	2/9/2012 18:46:19	11.70	44.84	28.92	8.92	7.88	10.3	1.44	98.6
24	2/9/2012 19:01:19	11.69	44.80	28.90	8.87	7.87	11.2	1.36	98.0
25	2/9/2012 19:16:19	11.69	44.91	28.97	8.91	7.88	8.5	1.43	98.5
26	2/9/2012 19:31:19	11.68	45.01	29.04	8.92	7.88	8.0	1.52	98.7
27	2/9/2012 19:46:19	11.65	45.00	29.04	8.94	7.95	8.2	1.59	98.9
28	2/9/2012 20:01:19	11.64	45.09	29.10	8.92	7.88	8.1	1.66	98.7
29	2/9/2012 20:16:19	11.65	44.83	28.91	8.90	7.87	9.5	1.77	98.3
30	2/9/2012 20:31:19	11.64	44.63	28.77	8.90	7.87	9.0	1.88	98.2
31	2/9/2012 20:46:19	11.64	44.65	28.79	8.89	7.87	9.5	1.94	98.1
32	2/9/2012 21:01:19	11.64	44.89	28.96	8.89	7.87	9.2	2.07	98.2
33	2/9/2012 21:16:19	11.59	45.23	29.20	8.92	7.88	8.7	2.19	98.6
34	2/9/2012 21:31:19	11.49	45.83	29.62	8.95	7.90	8.9	2.28	98.9
35	2/9/2012 21:46:19	11.43	46.05	29.78	9.00	7.91	8.9	2.38	99.4
36	2/9/2012 22:01:19	11.40	46.19	29.88	9.03	7.97	9.0	2.53	99.8
37	2/9/2012 22:16:19	11.40	46.30	29.95	9.04	7.91	9.1	2.63	100.0
38	2/9/2012 22:31:19	11.39	46.45	30.06	9.06	7.98	10.9	2.74	100.2
39	2/9/2012 22:46:19	11.35	46.65	30.20	9.06	7.92	11.9	2.84	100.2
40	2/9/2012 23:01:19	11.31	46.79	30.30	9.09	7.93	14.3	2.94	100.5
41	2/9/2012 23:16:19	11.28	47.02	30.47	9.16	8.00	16.6	3.03	101.4
42	2/9/2012 23:31:19	11.21	47.29	30.66	9.23	7.95	15.6	3.17	102.2
43	2/9/2012 23:46:19	11.11	47.88	31.07	9.44	7.97	15.2	3.27	104.5
44	2/10/2012 0:01:19	11.05	48.22	31.32	9.55	7.99	13.6	3.37	105.8
45	2/10/2012 0:16:19	11.01	48.48	31.50	9.63	7.99	13.3	3.48	106.6
46	2/10/2012 0:31:19	10.99	48.62	31.60	9.65	8.00	15.6	3.58	106.9
47	2/10/2012 0:46:19	10.95	48.81	31.74	9.71	8.01	13.6	3.66	107.5
48	2/10/2012 1:01:19	10.85	49.04	31.90	9.80	8.02	10.8	3.74	108.5
49	2/10/2012 1:16:19	10.82	49.04	31.89	9.83	8.02	9.3	3.80	108.7
50	2/10/2012 1:31:19	10.78	49.20	32.01	9.84	8.03	7.9	3.83	108.7
51	2/10/2012 1:46:20	10.78	49.06	31.91	9.65	8.04	7.6	3.86	106.7
52	2/10/2012 2:01:19	10.80	49.09	31.94	9.73	8.02	8.2	3.84	107.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
53	2/10/2012 2:16:19	10.77	49.22	32.02	9.80	8.02	8.7	3.82	108.4
54	2/10/2012 2:31:19	10.98	48.05	31.19	9.48	7.98	8.1	3.76	104.7
55	2/10/2012 2:46:19	10.90	48.52	31.53	9.57	8.00	7.7	3.67	105.8
56	2/10/2012 3:01:19	11.01	48.01	31.16	9.45	7.97	9.8	3.57	104.5
57	2/10/2012 3:16:19	11.08	47.54	30.83	9.26	7.95	12.4	3.45	102.3
58	2/10/2012 3:31:19	11.13	47.40	30.73	9.21	7.94	12.0	3.33	101.7
59	2/10/2012 3:46:19	11.15	47.31	30.67	9.17	7.94	10.4	3.24	101.4
60	2/10/2012 4:01:19	11.11	47.56	30.85	9.23	7.95	10.3	3.11	102.0
61	2/10/2012 4:16:19	11.15	47.32	30.67	9.20	7.94	9.8	2.98	101.6
62	2/10/2012 4:31:19	11.14	47.37	30.71	9.17	7.94	9.7	2.89	101.3
63	2/10/2012 4:46:19	11.15	47.30	30.66	9.15	7.94	9.0	2.78	101.1
64	2/10/2012 5:01:19	11.21	46.93	30.40	9.07	7.92	9.9	2.65	100.2
65	2/10/2012 5:16:19	11.30	46.30	29.95	8.98	7.90	11.2	2.55	99.1
66	2/10/2012 5:31:19	11.24	46.65	30.20	8.97	7.91	8.7	2.45	99.0
67	2/10/2012 5:46:19	11.31	46.18	29.86	8.88	7.89	9.6	2.34	98.0
68	2/10/2012 6:01:19	11.33	45.97	29.71	8.84	7.88	9.0	2.24	97.5
69	2/10/2012 6:16:19	11.29	46.09	29.80	8.79	7.88	8.7	2.15	96.9
70	2/10/2012 6:31:20	11.36	45.72	29.54	8.73	7.89	9.2	2.06	96.2
71	2/10/2012 6:46:19	11.37	45.62	29.47	8.71	7.86	8.0	1.97	96.0
72	2/10/2012 7:01:19	11.39	45.50	29.38	8.68	7.86	7.8	1.94	95.6
73	2/10/2012 7:16:19	11.40	45.44	29.34	8.63	7.85	7.8	1.90	95.1
74	2/10/2012 7:31:19	11.40	45.41	29.31	8.60	7.85	7.5	1.89	94.8
75	2/10/2012 7:46:19	11.38	45.54	29.41	8.69	7.86	7.9	1.93	95.7
76	2/10/2012 8:01:19	11.38	45.59	29.44	8.69	7.86	8.1	1.96	95.7
77	2/10/2012 8:16:19	11.37	45.65	29.49	8.68	7.86	7.6	2.00	95.7
78	2/10/2012 8:31:19	11.36	45.49	29.38	8.74	7.86	7.9	2.10	96.2
79	2/10/2012 8:46:19	11.30	45.06	29.06	8.73	7.85	8.8	2.20	95.9
80	2/10/2012 9:01:19	11.31	45.26	29.20	8.76	7.86	9.5	2.29	96.2
81	2/10/2012 9:16:19	11.35	45.59	29.44	8.77	7.87	8.6	2.40	96.6
82	2/10/2012 9:31:19	11.32	45.86	29.63	8.77	7.87	8.8	2.49	96.6
83	2/10/2012 9:46:19	11.27	46.40	30.02	8.88	7.90	8.9	2.58	98.0
84	2/10/2012 10:01:19	11.30	46.55	30.13	8.98	7.91	8.6	2.67	99.3
85	2/10/2012 10:16:19	11.33	46.71	30.24	9.03	7.91	8.1	2.76	99.9
86	2/10/2012 10:31:19	11.33	46.82	30.32	9.06	7.92	8.4	2.86	100.3
87	2/10/2012 10:46:19	11.29	46.99	30.44	9.09	7.93	9.8	2.93	100.6
88	2/10/2012 11:01:19	11.29	47.18	30.58	9.13	7.93	10.1	3.03	101.1
89	2/10/2012 11:16:19	11.28	47.38	30.72	9.19	7.94	11.2	3.13	101.8
90	2/10/2012 11:31:19	11.22	47.61	30.89	9.27	7.95	12.5	3.22	102.8
91	2/10/2012 11:46:19	11.20	47.82	31.04	9.34	7.96	12.5	3.32	103.6
92	2/10/2012 12:01:19	11.16	48.09	31.23	9.41	7.97	12.3	3.42	104.4
93	2/10/2012 12:16:19	11.10	48.36	31.42	9.48	7.98	12.6	3.49	105.1
94	2/10/2012 12:31:19	11.04	48.68	31.65	9.56	7.99	11.5	3.58	106.0
95	2/10/2012 12:46:20	11.00	48.85	31.77	9.58	8.01	10.8	3.67	106.3
96	2/10/2012 13:01:19	11.00	48.91	31.82	9.57	8.00	8.6	3.72	106.2
97	2/10/2012 13:16:19	10.99	48.94	31.83	9.60	8.00	7.5	3.76	106.5
98	2/10/2012 13:31:19	10.99	48.98	31.86	9.57	8.00	6.2	3.79	106.2
99	2/10/2012 13:46:19	11.04	48.79	31.73	9.49	7.99	6.9	3.80	105.3
100	2/10/2012 14:01:19	11.03	48.92	31.83	9.54	8.00	8.1	3.78	106.0
101	2/10/2012 14:16:19	11.04	48.88	31.80	9.52	7.99	8.4	3.73	105.7
102	2/10/2012 14:31:19	11.08	48.77	31.72	9.52	7.99	9.5	3.66	105.8
103	2/10/2012 14:46:19	11.24	48.46	31.50	9.60	7.98	9.7	3.57	106.8
104	2/10/2012 15:01:19	11.40	48.16	31.29	9.47	7.97	8.7	3.46	105.6
105	2/10/2012 15:16:19	11.54	47.87	31.09	9.44	7.96	9.4	3.36	105.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	2/10/2012 15:31:19	11.60	47.63	30.92	9.40	7.95	8.5	3.23	105.0
107	2/10/2012 15:46:19	11.63	47.44	30.79	9.35	7.94	8.5	3.12	104.4
108	2/10/2012 16:01:19	11.59	47.37	30.73	9.29	7.93	10.0	3.01	103.7
109	2/10/2012 16:16:20	11.60	47.29	30.68	9.25	7.96	9.0	2.89	103.2
110	2/10/2012 16:31:19	11.65	47.06	30.51	9.21	7.92	9.7	2.77	102.8
111	2/10/2012 16:46:19	11.59	47.11	30.55	9.23	7.93	9.0	2.67	102.9
112	2/10/2012 17:01:19	11.69	46.83	30.35	9.18	7.92	9.5	2.54	102.4
113	2/10/2012 17:16:19	11.68	46.75	30.29	9.17	7.92	9.3	2.41	102.2
114	2/10/2012 17:31:20	11.73	46.54	30.14	9.11	7.93	9.7	2.30	101.5
115	2/10/2012 17:46:20	11.76	46.42	30.06	9.07	7.93	10.0	2.17	101.2
116	2/10/2012 18:01:19	11.90	45.91	29.70	9.07	7.90	9.9	2.06	101.3
117	2/10/2012 18:16:19	11.92	45.75	29.58	9.04	7.90	11.2	1.94	100.9
118	2/10/2012 18:31:19	12.01	45.46	29.38	9.03	7.88	11.9	1.82	100.8
119	2/10/2012 18:46:19	12.04	45.34	29.29	9.00	7.88	11.8	1.75	100.4
120	2/10/2012 19:01:19	12.05	45.22	29.21	8.97	7.87	11.5	1.67	100.1
121	2/10/2012 19:16:19	12.09	45.15	29.16	8.92	7.87	10.1	1.58	99.6
122	2/10/2012 19:31:19	12.05	45.03	29.07	8.89	7.87	10.9	1.57	99.1
123	2/10/2012 19:46:19	12.04	45.21	29.20	8.95	7.87	10.7	1.59	99.9
124	2/10/2012 20:01:19	12.04	45.25	29.23	8.95	7.87	10.1	1.61	99.9
125	2/10/2012 20:16:19	12.03	45.30	29.26	8.96	7.87	10.0	1.68	100.0
126	2/10/2012 20:31:19	12.04	45.33	29.29	8.97	7.87	9.7	1.76	100.1
127	2/10/2012 20:46:19	12.10	44.92	29.00	8.96	7.86	10.4	1.85	100.0
128	2/10/2012 21:01:19	12.12	44.71	28.85	8.95	7.86	9.7	1.96	99.8
129	2/10/2012 21:16:20	12.09	44.97	29.03	8.93	7.88	9.7	2.07	99.7
130	2/10/2012 21:31:19	12.02	45.39	29.33	8.94	7.87	10.3	2.17	99.8
131	2/10/2012 21:46:19	11.95	45.76	29.59	8.97	7.88	9.7	2.29	100.2
132	2/10/2012 22:01:19	11.86	46.09	29.83	9.01	7.89	9.2	2.39	100.5
133	2/10/2012 22:16:19	11.81	46.34	30.00	9.05	7.90	9.1	2.50	101.0
134	2/10/2012 22:31:20	11.78	46.44	30.07	9.05	7.92	8.6	2.60	100.9
135	2/10/2012 22:46:20	11.77	46.53	30.14	9.06	7.92	9.5	2.70	101.0
136	2/10/2012 23:01:20	11.74	46.64	30.22	9.07	7.92	10.0	2.80	101.2
137	2/10/2012 23:16:20	11.68	46.74	30.28	9.11	7.93	10.9	2.91	101.5
138	2/10/2012 23:31:20	11.64	46.90	30.40	9.10	7.93	12.2	3.00	101.4
139	2/10/2012 23:46:19	11.55	47.22	30.62	9.18	7.94	15.2	3.11	102.3
140	2/11/2012 0:01:19	11.49	47.49	30.82	9.25	7.95	14.6	3.23	103.1
141	2/11/2012 0:16:19	11.38	47.87	31.08	9.36	7.96	15.1	3.33	104.2
142	2/11/2012 0:31:19	11.28	48.38	31.44	9.48	7.99	14.8	3.45	105.6
143	2/11/2012 0:46:19	11.23	48.56	31.58	9.52	7.99	16.0	3.54	106.0
144	2/11/2012 1:01:20	11.18	48.73	31.69	9.52	8.00	15.2	3.64	105.9
145	2/11/2012 1:16:19	11.12	48.93	31.84	9.55	8.00	15.0	3.74	106.3
146	2/11/2012 1:31:19	11.06	49.22	32.04	9.61	8.01	11.4	3.81	106.9
147	2/11/2012 1:46:19	11.00	49.36	32.14	9.62	8.02	9.4	3.88	106.9
148	2/11/2012 2:01:20	10.97	49.49	32.23	9.62	8.03	8.9	3.92	106.9
149	2/11/2012 2:16:20	10.96	49.54	32.27	9.59	8.03	6.9	3.95	106.6
150	2/11/2012 2:31:19	11.00	49.41	32.17	9.49	8.01	9.5	3.95	105.5
151	2/11/2012 2:46:19	10.98	49.47	32.22	9.55	8.01	9.5	3.91	106.1
152	2/11/2012 3:01:19	11.03	49.21	32.03	9.51	8.01	9.8	3.85	105.7
153	2/11/2012 3:16:19	11.07	48.90	31.81	9.46	8.00	10.5	3.77	105.1
154	2/11/2012 3:31:19	11.06	48.99	31.87	9.46	8.00	10.9	3.68	105.1
155	2/11/2012 3:46:19	11.04	48.91	31.81	9.50	8.01	9.8	3.57	105.5
156	2/11/2012 4:01:19	11.13	48.50	31.52	9.43	7.99	10.8	3.44	104.7
157	2/11/2012 4:16:19	11.29	47.81	31.03	9.22	7.95	13.8	3.34	102.4
158	2/11/2012 4:31:19	11.27	47.90	31.10	9.22	7.95	13.9	3.23	102.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	2/11/2012 4:46:19	11.27	47.83	31.05	9.21	7.95	16.2	3.11	102.2
160	2/11/2012 5:01:20	11.27	47.74	30.99	9.18	7.96	15.9	2.99	101.9
161	2/11/2012 5:16:20	11.34	47.39	30.73	9.15	7.95	14.4	2.88	101.5
162	2/11/2012 5:31:20	11.40	47.04	30.49	9.12	7.94	14.7	2.75	101.1
163	2/11/2012 5:46:19	11.42	46.92	30.40	9.02	7.92	14.2	2.64	100.1
164	2/11/2012 6:01:19	11.47	46.56	30.14	9.02	7.91	14.5	2.52	100.0
165	2/11/2012 6:16:19	11.34	46.88	30.37	8.98	7.91	14.8	2.40	99.4
166	2/11/2012 6:31:20	11.46	46.37	30.01	8.91	7.90	15.4	2.28	98.7
167	2/11/2012 6:46:19	11.45	46.27	29.94	8.88	7.89	15.1	2.17	98.4
168	2/11/2012 7:01:19	11.47	46.12	29.83	8.88	7.88	15.1	2.08	98.3
169	2/11/2012 7:16:19	11.46	46.04	29.77	8.85	7.88	14.3	1.98	97.9
170	2/11/2012 7:31:19	11.53	45.72	29.54	8.82	7.87	13.5	1.89	97.6
171	2/11/2012 7:46:19	11.57	45.63	29.48	8.81	7.87	12.9	1.84	97.5
172	2/11/2012 8:01:20	11.59	45.56	29.43	8.76	7.87	12.2	1.80	96.9
173	2/11/2012 8:16:19	11.61	45.45	29.36	8.76	7.86	11.5	1.78	96.9
174	2/11/2012 8:31:20	11.59	45.49	29.38	8.76	7.87	11.4	1.79	97.0
175	2/11/2012 8:46:19	11.60	45.54	29.42	8.78	7.86	11.2	1.84	97.2
176	2/11/2012 9:01:19	11.62	45.52	29.41	8.78	7.86	11.1	1.87	97.2
177	2/11/2012 9:16:20	11.63	45.53	29.42	8.80	7.87	10.9	1.96	97.4
178	2/11/2012 9:31:20	11.60	45.26	29.22	8.78	7.86	12.7	2.06	97.0
179	2/11/2012 9:46:19	11.59	45.19	29.17	8.77	7.85	12.5	2.15	96.9
180	2/11/2012 10:01:20	11.57	45.07	29.08	8.79	7.85	13.5	2.25	97.0
181	2/11/2012 10:16:19	11.58	45.47	29.37	8.79	7.87	14.7	2.35	97.2
182	2/11/2012 10:31:19	11.56	45.87	29.66	8.83	7.88	13.0	2.44	97.8
183	2/11/2012 10:46:19	11.52	46.28	29.94	8.91	7.89	11.9	2.53	98.8
184	2/11/2012 11:01:19	11.52	46.52	30.12	8.99	7.91	11.9	2.63	99.8
185	2/11/2012 11:16:19	11.49	46.81	30.32	9.04	7.92	10.2	2.71	100.4
186	2/11/2012 11:31:19	11.48	46.92	30.40	9.05	7.92	10.0	2.79	100.6
187	2/11/2012 11:46:19	11.49	46.95	30.43	9.06	7.92	9.7	2.87	100.7
188	2/11/2012 12:01:19	11.44	47.02	30.47	9.08	7.93	11.2	2.95	100.8
189	2/11/2012 12:16:19	11.40	47.21	30.61	9.09	7.93	11.2	3.03	101.0
190	2/11/2012 12:31:19	11.39	47.35	30.71	9.12	7.94	12.2	3.11	101.4
191	2/11/2012 12:46:20	11.33	47.53	30.84	9.17	7.95	14.1	3.18	101.9
192	2/11/2012 13:01:20	11.30	47.76	31.00	9.20	7.96	14.2	3.26	102.2
193	2/11/2012 13:16:19	11.24	48.00	31.17	9.27	7.96	13.4	3.34	102.9
194	2/11/2012 13:31:19	11.19	48.30	31.39	9.36	7.98	13.0	3.40	104.0
195	2/11/2012 13:46:19	11.15	48.60	31.60	9.41	7.99	10.1	3.46	104.5
196	2/11/2012 14:01:19	11.13	48.76	31.71	9.41	7.99	9.0	3.50	104.6
197	2/11/2012 14:16:19	11.13	48.81	31.75	9.41	7.99	8.7	3.55	104.6
198	2/11/2012 14:31:19	11.14	48.80	31.75	9.38	7.99	7.1	3.56	104.3
199	2/11/2012 14:46:19	11.16	48.75	31.71	9.36	7.98	8.3	3.54	104.2
200	2/11/2012 15:01:19	11.17	48.76	31.71	9.38	7.99	8.4	3.53	104.3
201	2/11/2012 15:16:20	11.27	48.57	31.58	9.36	7.99	9.5	3.48	104.2
202	2/11/2012 15:31:19	11.49	47.93	31.14	9.39	7.96	11.2	3.39	104.8
203	2/11/2012 15:46:19	11.58	47.94	31.14	9.30	7.96	12.3	3.29	104.0
204	2/11/2012 16:01:20	11.46	48.15	31.29	9.34	7.98	10.1	3.21	104.3
205	2/11/2012 16:16:20	11.54	47.77	31.02	9.29	7.97	10.3	3.10	103.7
206	2/11/2012 16:31:19	11.64	47.20	30.62	9.16	7.93	14.5	3.00	102.2
207	2/11/2012 16:46:19	11.66	46.98	30.46	9.13	7.92	20.0	2.89	101.8
208	2/11/2012 17:01:20	11.65	46.95	30.44	9.08	7.93	17.0	2.79	101.2
209	2/11/2012 17:16:19	11.66	46.86	30.37	9.10	7.92	12.6	2.68	101.4
210	2/11/2012 17:31:19	11.57	46.95	30.43	9.12	7.93	12.5	2.56	101.5
211	2/11/2012 17:46:20	11.78	46.16	29.88	9.06	7.91	15.7	2.46	101.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
212	2/11/2012 18:01:19	11.69	46.40	30.04	9.09	7.93	13.1	2.35	101.2
213	2/11/2012 18:16:20	11.73	46.21	29.91	9.07	7.91	14.2	2.23	101.0
214	2/11/2012 18:31:20	11.71	46.16	29.87	9.08	7.91	14.1	2.12	101.0
215	2/11/2012 18:46:19	11.82	45.85	29.65	9.02	7.89	14.2	2.02	100.5
216	2/11/2012 19:01:20	11.78	45.82	29.63	9.01	7.90	13.2	1.93	100.2
217	2/11/2012 19:16:20	11.78	45.71	29.55	9.01	7.90	12.5	1.85	100.2
218	2/11/2012 19:31:20	11.82	45.50	29.40	8.99	7.89	12.5	1.79	100.0
219	2/11/2012 19:46:19	11.84	45.39	29.32	8.99	7.88	11.9	1.75	100.0
220	2/11/2012 20:01:19	11.86	45.32	29.28	9.01	7.88	11.7	1.71	100.2
221	2/11/2012 20:16:19	11.82	45.35	29.29	8.93	7.88	10.9	1.72	99.2
222	2/11/2012 20:31:19	11.85	45.29	29.25	9.00	7.88	11.2	1.75	100.1
223	2/11/2012 20:46:19	11.86	45.45	29.37	9.01	7.88	10.6	1.80	100.2
224	2/11/2012 21:01:19	11.87	45.35	29.30	8.99	7.87	11.2	1.88	100.0
225	2/11/2012 21:16:19	11.86	45.10	29.12	9.00	7.87	11.9	1.95	100.0
226	2/11/2012 21:31:19	11.88	45.13	29.14	8.98	7.87	11.2	2.04	99.8
227	2/11/2012 21:46:19	11.87	44.74	28.86	8.99	7.87	11.7	2.14	99.7
228	2/11/2012 22:01:19	11.88	45.05	29.08	8.97	7.87	12.2	2.23	99.7
229	2/11/2012 22:16:20	11.87	45.53	29.43	8.94	7.88	12.3	2.33	99.6
230	2/11/2012 22:31:20	11.79	45.70	29.54	8.96	7.88	10.4	2.42	99.7
231	2/11/2012 22:46:19	11.70	46.49	30.11	9.00	7.91	11.0	2.52	100.3
232	2/11/2012 23:01:20	11.68	46.77	30.30	9.08	7.92	9.6	2.61	101.2
233	2/11/2012 23:16:20	11.66	46.81	30.34	9.10	7.92	9.5	2.71	101.4
234	2/11/2012 23:31:19	11.65	46.75	30.29	9.11	7.93	10.8	2.80	101.5
235	2/11/2012 23:46:19	11.61	47.05	30.50	9.14	7.93	11.5	2.90	101.9
236	2/12/2012 0:01:20	11.58	47.17	30.59	9.14	7.93	11.5	3.00	101.9
237	2/12/2012 0:16:20	11.49	47.40	30.75	9.18	7.94	16.0	3.09	102.3
238	2/12/2012 0:31:20	11.41	47.70	30.96	9.24	7.95	14.4	3.20	102.8
239	2/12/2012 0:46:20	11.36	47.99	31.17	9.27	7.96	14.2	3.30	103.2
240	2/12/2012 1:01:19	11.22	48.44	31.48	9.35	7.99	14.8	3.40	104.0
241	2/12/2012 1:16:19	11.10	48.85	31.78	9.44	8.00	14.3	3.51	104.9
242	2/12/2012 1:31:19	11.03	49.08	31.94	9.48	8.01	11.8	3.60	105.3
243	2/12/2012 1:46:20	10.98	49.26	32.07	9.46	8.01	11.9	3.69	105.0
244	2/12/2012 2:01:20	10.92	49.44	32.19	9.48	8.01	9.5	3.77	105.3
245	2/12/2012 2:16:20	10.90	49.49	32.23	9.47	8.01	8.8	3.84	105.1
246	2/12/2012 2:31:19	10.86	49.49	32.23	9.48	8.02	8.1	3.88	105.2
247	2/12/2012 2:46:20	10.83	49.70	32.38	9.49	8.02	7.2	3.92	105.2
248	2/12/2012 3:01:20	10.86	49.49	32.23	9.42	8.01	7.2	3.94	104.4
249	2/12/2012 3:16:20	10.84	49.63	32.33	9.41	8.01	7.1	3.92	104.3
250	2/12/2012 3:31:19	10.84	49.66	32.35	9.44	8.02	7.5	3.91	104.7
251	2/12/2012 3:46:19	10.91	48.84	31.76	9.37	7.99	8.3	3.84	103.7
252	2/12/2012 4:01:19	10.94	48.49	31.51	9.29	7.98	7.3	3.76	102.7
253	2/12/2012 4:16:19	10.97	48.41	31.45	9.29	7.98	7.6	3.67	102.8
254	2/12/2012 4:31:19	11.00	48.35	31.41	9.25	7.98	8.4	3.54	102.3
255	2/12/2012 4:46:19	11.11	47.99	31.15	9.18	7.96	10.9	3.43	101.6
256	2/12/2012 5:01:19	11.14	47.86	31.06	9.16	7.96	12.1	3.31	101.4
257	2/12/2012 5:16:20	11.13	47.71	30.95	9.13	7.95	9.9	3.19	101.0
258	2/12/2012 5:31:20	11.14	47.54	30.83	9.07	7.94	9.7	3.07	100.3
259	2/12/2012 5:46:20	11.19	47.41	30.74	9.06	7.93	9.4	2.95	100.3
260	2/12/2012 6:01:19	11.13	47.63	30.90	9.09	7.95	9.7	2.84	100.6
261	2/12/2012 6:16:20	11.16	47.42	30.75	9.09	7.94	9.5	2.70	100.5
262	2/12/2012 6:31:20	11.12	47.30	30.66	8.97	7.93	10.4	2.59	99.0
263	2/12/2012 6:46:20	11.26	46.24	29.91	8.87	7.89	10.4	2.48	97.8
264	2/12/2012 7:01:19	11.12	46.58	30.14	8.86	7.91	10.3	2.36	97.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
265	2/12/2012 7:16:20	11.16	46.38	30.00	8.85	7.89	9.7	2.25	97.4
266	2/12/2012 7:31:19	11.05	46.56	30.13	8.81	7.90	9.9	2.13	96.8
267	2/12/2012 7:46:19	11.10	46.24	29.90	8.78	7.89	10.4	2.02	96.4
268	2/12/2012 8:01:19	11.14	45.98	29.71	8.76	7.88	10.4	1.92	96.2
269	2/12/2012 8:16:19	11.09	45.91	29.66	8.78	7.88	10.3	1.82	96.2
270	2/12/2012 8:31:20	11.12	45.74	29.54	8.76	7.87	10.8	1.76	96.0
271	2/12/2012 8:46:20	11.13	45.62	29.46	8.73	7.87	9.1	1.72	95.7
272	2/12/2012 9:01:19	11.14	45.58	29.43	8.71	7.88	9.0	1.68	95.5
273	2/12/2012 9:16:19	11.14	45.63	29.46	8.74	7.88	8.5	1.68	95.8
274	2/12/2012 9:31:19	11.16	45.64	29.47	8.76	7.88	9.8	1.71	96.1
275	2/12/2012 9:46:19	11.22	45.69	29.51	8.76	7.88	9.7	1.77	96.2
276	2/12/2012 10:01:19	11.25	45.74	29.54	8.77	7.88	9.6	1.84	96.5
277	2/12/2012 10:16:19	11.17	45.16	29.13	8.78	7.87	10.0	1.92	96.1
278	2/12/2012 10:31:19	11.22	45.41	29.31	8.74	7.87	9.8	2.01	95.9
279	2/12/2012 10:46:19	11.22	45.40	29.30	8.72	7.87	9.7	2.10	95.7
280	2/12/2012 11:01:20	11.21	45.45	29.34	8.73	7.86	9.8	2.20	95.8
281	2/12/2012 11:16:19	11.24	45.77	29.57	8.73	7.88	9.7	2.27	96.0
282	2/12/2012 11:31:19	11.24	45.90	29.66	8.77	7.88	9.0	2.37	96.5
283	2/12/2012 11:46:20	11.25	46.66	30.20	8.85	7.90	8.7	2.43	97.8
284	2/12/2012 12:01:19	11.28	46.74	30.27	8.92	7.92	8.6	2.52	98.6
285	2/12/2012 12:16:20	11.30	46.92	30.39	8.95	7.91	7.9	2.59	99.0
286	2/12/2012 12:31:20	11.30	46.97	30.43	8.94	7.92	7.5	2.67	98.9
287	2/12/2012 12:46:20	11.28	47.07	30.50	8.95	7.92	8.0	2.73	99.1
288	2/12/2012 13:01:19	11.27	47.18	30.58	8.99	7.93	8.3	2.82	99.6
289	2/12/2012 13:16:20	11.25	47.33	30.69	9.01	7.93	8.1	2.88	99.8
290	2/12/2012 13:31:20	11.23	47.43	30.76	9.02	7.93	7.8	2.96	99.9
291	2/12/2012 13:46:20	11.20	47.50	30.81	9.05	7.94	9.0	3.02	100.2
292	2/12/2012 14:01:20	11.15	47.69	30.95	9.11	7.95	8.7	3.12	100.9
293	2/12/2012 14:16:19	11.12	47.81	31.03	9.14	7.96	8.3	3.17	101.1
294	2/12/2012 14:31:19	11.09	47.96	31.13	9.17	7.96	8.1	3.22	101.5
295	2/12/2012 14:46:19	11.02	48.20	31.30	9.22	7.97	7.9	3.24	102.0
296	2/12/2012 15:01:19	10.98	48.41	31.45	9.25	7.98	6.8	3.30	102.3
297	2/12/2012 15:16:19	10.96	48.54	31.54	9.25	7.98	6.5	3.34	102.3
298	2/12/2012 15:31:19	10.96	48.56	31.56	9.18	7.97	5.7	3.36	101.6
299	2/12/2012 15:46:20	10.94	48.64	31.61	9.14	7.97	6.8	3.33	101.1
300	2/12/2012 16:01:19	10.95	48.59	31.58	9.17	7.98	7.3	3.31	101.4
301	2/12/2012 16:16:19	11.03	48.29	31.37	9.16	7.97	7.2	3.26	101.3
302	2/12/2012 16:31:20	11.22	47.44	30.77	9.17	7.95	7.8	3.21	101.5
303	2/12/2012 16:46:19	11.28	47.22	30.61	9.18	7.95	8.1	3.12	101.6
304	2/12/2012 17:01:19	11.23	47.37	30.72	9.11	7.94	11.2	3.04	100.8
305	2/12/2012 17:16:19	11.25	47.14	30.55	9.07	7.93	14.1	2.94	100.4
306	2/12/2012 17:31:19	11.25	47.03	30.47	9.06	7.93	12.9	2.85	100.2
307	2/12/2012 17:46:20	11.24	46.99	30.44	9.02	7.92	13.7	2.76	99.7
308	2/12/2012 18:01:20	11.21	46.93	30.40	8.98	7.92	12.0	2.67	99.2
309	2/12/2012 18:16:19	11.21	46.79	30.30	8.97	7.92	10.1	2.57	99.0
310	2/12/2012 18:31:20	11.15	46.83	30.33	8.95	7.91	9.5	2.50	98.7
311	2/12/2012 18:46:20	11.15	46.58	30.15	8.93	7.91	9.7	2.41	98.3
312	2/12/2012 19:01:19	11.19	46.28	29.93	8.91	7.90	9.5	2.33	98.1
313	2/12/2012 19:16:19	11.06	46.46	30.05	8.93	7.91	8.9	2.25	98.1
314	2/12/2012 19:31:20	11.07	46.26	29.91	8.91	7.90	8.6	2.16	97.9
315	2/12/2012 19:46:20	11.12	45.99	29.72	8.94	7.89	8.2	2.11	98.1
316	2/12/2012 20:01:19	11.09	45.89	29.65	8.94	7.90	8.3	2.03	98.0
317	2/12/2012 20:16:20	11.10	45.83	29.60	8.92	7.89	8.1	1.99	97.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
318	2/12/2012 20:31:20	11.10	45.77	29.56	8.91	7.89	7.6	1.95	97.7
319	2/12/2012 20:46:20	11.08	45.71	29.51	8.90	7.89	8.4	1.92	97.5
320	2/12/2012 21:01:19	11.09	45.73	29.53	8.93	7.90	10.2	1.95	97.9
321	2/12/2012 21:16:20	11.09	45.81	29.59	8.92	7.89	13.4	1.97	97.8
322	2/12/2012 21:31:20	11.14	45.95	29.69	8.87	7.89	11.5	2.02	97.4
323	2/12/2012 21:46:20	11.13	45.92	29.67	8.87	7.89	10.8	2.08	97.4
324	2/12/2012 22:01:20	11.14	46.03	29.75	8.87	7.89	8.9	2.14	97.4
325	2/12/2012 22:16:19	11.12	45.83	29.61	8.90	7.90	9.9	2.22	97.6
326	2/12/2012 22:31:20	11.14	46.08	29.79	8.88	7.89	9.7	2.30	97.5
327	2/12/2012 22:46:20	11.16	46.13	29.82	8.89	7.89	9.3	2.39	97.7
328	2/12/2012 23:01:19	11.16	46.27	29.92	8.92	7.91	9.1	2.47	98.2
329	2/12/2012 23:16:19	11.16	46.70	30.23	8.97	7.92	8.8	2.57	98.9
330	2/12/2012 23:31:19	11.14	46.86	30.34	9.00	7.93	8.5	2.65	99.2
331	2/12/2012 23:46:19	11.13	47.05	30.48	9.01	7.93	8.4	2.73	99.4
332	2/13/2012 0:01:19	11.11	47.05	30.48	9.05	7.94	9.0	2.83	99.8
333	2/13/2012 0:16:19	11.09	47.26	30.63	9.06	7.94	10.4	2.91	100.0
334	2/13/2012 0:31:19	11.05	47.45	30.76	9.08	7.95	12.8	3.01	100.2
335	2/13/2012 0:46:19	10.98	47.72	30.96	9.13	7.96	15.0	3.12	100.7
336	2/13/2012 1:01:19	10.88	48.02	31.17	9.19	7.97	16.5	3.21	101.3
337	2/13/2012 1:16:20	10.81	48.34	31.39	9.21	7.97	15.6	3.31	101.5
338	2/13/2012 1:31:20	10.76	48.65	31.61	9.22	7.97	14.7	3.44	101.6
339	2/13/2012 1:46:20	10.64	49.10	31.93	9.30	7.99	14.5	3.55	102.5
340	2/13/2012 2:01:20	10.58	49.31	32.08	9.33	7.99	13.1	3.64	102.8
341	2/13/2012 2:16:19	10.55	49.30	32.07	9.37	8.01	12.5	3.73	103.1
342	2/13/2012 2:31:19	10.53	49.36	32.11	9.39	8.01	11.3	3.80	103.3
343	2/13/2012 2:46:20	10.50	49.53	32.23	9.37	8.00	10.0	3.88	103.1
344	2/13/2012 3:01:19	10.49	49.49	32.20	9.37	8.01	8.3	3.94	103.1
345	2/13/2012 3:16:20	10.48	49.57	32.26	9.32	8.00	7.8	3.99	102.5
346	2/13/2012 3:31:19	10.47	49.54	32.24	9.31	8.01	6.4	3.99	102.4
347	2/13/2012 3:46:20	10.47	49.62	32.29	9.29	8.00	7.5	4.00	102.2
348	2/13/2012 4:01:19	10.46	49.49	32.20	9.33	8.01	11.3	3.98	102.6
349	2/13/2012 4:16:20	10.43	49.59	32.27	9.34	8.00	17.2	3.94	102.7
350	2/13/2012 4:31:20	10.42	49.71	32.36	9.35	8.00	17.2	3.82	102.8
351	2/13/2012 4:46:20	10.42	49.65	32.32	9.36	8.00	19.4	3.76	102.9
352	2/13/2012 5:01:20	10.43	49.59	32.27	9.35	8.00	18.8	3.69	102.8
353	2/13/2012 5:16:20	10.47	49.27	32.05	9.30	7.99	26.7	3.57	102.2
354	2/13/2012 5:31:20	10.53	48.78	31.70	9.24	7.98	41.7	3.46	101.4
355	2/13/2012 5:46:20	10.64	48.05	31.17	9.17	7.96	52.1	3.36	100.6
356	2/13/2012 6:01:20	10.57	48.29	31.34	9.19	7.96	65.9	3.26	100.7
357	2/13/2012 6:16:20	10.53	48.38	31.40	9.23	7.96	71.4	3.15	101.1
358	2/13/2012 6:31:20	10.56	48.08	31.19	9.21	7.96	80.0	3.03	100.9
359	2/13/2012 6:46:20	10.57	47.68	30.90	9.21	7.95	116.8	2.93	100.7
360	2/13/2012 7:01:20	10.57	47.26	30.60	9.22	7.94	118.3	2.80	100.6
361	2/13/2012 7:16:20	10.65	46.67	30.18	9.17	7.92	107.4	2.70	99.9
362	2/13/2012 7:31:20	10.64	46.47	30.04	9.16	7.91	112.6	2.57	99.7
363	2/13/2012 7:46:20	10.61	46.35	29.95	9.16	7.91	124.6	2.47	99.6
364	2/13/2012 8:01:20	10.62	46.27	29.90	9.15	7.91	125.6	2.35	99.5
365	2/13/2012 8:16:19	10.59	46.06	29.74	9.18	7.93	128.9	2.21	99.7
366	2/13/2012 8:31:20	10.58	46.11	29.78	9.17	7.91	124.8	2.13	99.6
367	2/13/2012 8:46:20	10.55	46.00	29.69	9.16	7.90	111.5	2.00	99.3
368	2/13/2012 9:01:20	10.52	45.86	29.60	9.17	7.90	113.7	1.90	99.2
369	2/13/2012 9:16:20	10.44	45.90	29.62	9.20	7.90	83.3	1.80	99.4
370	2/13/2012 9:31:20	10.42	45.83	29.57	9.20	7.90	63.9	1.71	99.3

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	2/13/2012 9:46:20	10.42	45.75	29.51	9.17	7.90	47.1	1.69	99.0
372	2/13/2012 10:01:20	10.44	45.70	29.48	9.11	7.89	40.4	1.65	98.4
373	2/13/2012 10:16:20	10.45	45.70	29.48	9.10	7.89	32.7	1.62	98.3
374	2/13/2012 10:31:20	10.43	45.46	29.30	9.21	7.89	37.5	1.63	99.3
375	2/13/2012 10:46:20	10.42	45.41	29.27	9.23	7.89	34.3	1.66	99.5
376	2/13/2012 11:01:20	10.39	45.34	29.22	9.25	7.89	34.3	1.73	99.6
377	2/13/2012 11:16:20	10.40	45.35	29.23	9.22	7.88	36.0	1.76	99.3
378	2/13/2012 11:31:20	10.43	45.45	29.30	9.18	7.89	35.4	1.84	99.0
379	2/13/2012 11:46:20	10.48	45.59	29.40	9.15	7.89	33.4	1.92	98.9
380	2/13/2012 12:01:20	10.50	45.55	29.37	9.18	7.89	29.8	2.00	99.1
381	2/13/2012 12:16:20	10.44	45.10	29.05	9.27	7.89	27.6	2.10	99.8
382	2/13/2012 12:31:20	10.44	45.09	29.04	9.24	7.88	28.0	2.16	99.5
383	2/13/2012 12:46:19	10.46	45.23	29.14	9.21	7.91	26.9	2.23	99.3
384	2/13/2012 13:01:19	10.47	45.34	29.22	9.20	7.91	26.5	2.32	99.3
385	2/13/2012 13:16:20	10.50	45.55	29.37	9.17	7.89	27.8	2.39	99.0
386	2/13/2012 13:31:20	10.54	45.91	29.63	9.13	7.90	24.2	2.46	98.9
387	2/13/2012 13:46:20	10.55	46.03	29.72	9.14	7.90	21.8	2.52	99.0
388	2/13/2012 14:01:20	10.58	46.28	29.90	9.11	7.91	20.4	2.59	99.0
389	2/13/2012 14:16:20	10.58	46.29	29.91	9.11	7.91	18.8	2.66	99.0
390	2/13/2012 14:31:20	10.59	46.56	30.10	9.10	7.92	18.7	2.73	99.0
391	2/13/2012 14:46:20	10.59	46.55	30.10	9.14	7.92	16.2	2.78	99.5
392	2/13/2012 15:01:20	10.60	46.69	30.20	9.11	7.92	16.6	2.84	99.2
393	2/13/2012 15:16:20	10.60	46.77	30.26	9.11	7.92	16.7	2.90	99.2
394	2/13/2012 15:31:19	10.61	46.70	30.20	9.15	7.95	15.6	2.94	99.6
395	2/13/2012 15:46:20	10.61	46.76	30.25	9.15	7.92	13.8	2.99	99.6
396	2/13/2012 16:01:20	10.61	46.96	30.39	9.07	7.92	13.1	3.03	98.8
397	2/13/2012 16:16:20	10.63	46.67	30.18	9.21	7.93	22.0	3.04	100.3
398	2/13/2012 16:31:20	10.62	46.93	30.37	9.02	7.93	14.7	3.06	98.4
399	2/13/2012 16:46:20	10.60	47.05	30.45	9.06	7.93	17.8	3.04	98.8
400	2/13/2012 17:01:20	10.52	46.92	30.35	9.19	7.93	25.2	3.05	100.0
401	2/13/2012 17:16:20	10.46	46.92	30.35	9.29	7.94	33.3	3.00	101.0
402	2/13/2012 17:31:20	10.46	47.04	30.44	9.29	7.94	35.4	2.94	101.0
403	2/13/2012 17:46:20	10.45	47.07	30.46	9.27	7.94	29.2	2.91	100.8
404	2/13/2012 18:01:20	10.43	47.08	30.47	9.28	7.94	27.4	2.85	100.8
405	2/13/2012 18:16:20	10.40	47.15	30.51	9.29	7.94	24.4	2.79	100.9
406	2/13/2012 18:31:20	10.39	46.95	30.37	9.27	7.93	29.6	2.72	100.6
407	2/13/2012 18:46:20	10.38	46.18	29.81	9.32	7.91	35.1	2.65	100.7
408	2/13/2012 19:01:20	10.28	46.43	29.99	9.33	7.92	30.4	2.56	100.8
409	2/13/2012 19:16:19	10.31	45.84	29.57	9.35	7.93	35.4	2.52	100.8
410	2/13/2012 19:31:20	10.26	46.03	29.70	9.36	7.91	35.8	2.43	100.9
411	2/13/2012 19:46:20	10.11	46.46	30.00	9.37	7.92	34.3	2.35	100.8
412	2/13/2012 20:01:20	10.26	45.68	29.45	9.37	7.91	36.8	2.30	100.8
413	2/13/2012 20:16:19	10.15	45.83	29.56	9.39	7.92	33.9	2.22	100.9
414	2/13/2012 20:31:19	10.13	45.70	29.46	9.41	7.92	36.4	2.18	101.0
415	2/13/2012 20:46:19	10.08	45.46	29.29	9.45	7.92	37.1	2.12	101.2
416	2/13/2012 21:01:20	9.96	45.43	29.26	9.50	7.90	39.3	2.08	101.3
417	2/13/2012 21:16:20	9.96	45.06	28.99	9.47	7.90	39.9	2.06	100.9
418	2/13/2012 21:31:19	9.95	44.85	28.84	9.44	7.91	41.6	2.08	100.4
419	2/13/2012 21:46:19	9.96	44.93	28.90	9.42	7.91	37.9	2.06	100.3
420	2/13/2012 22:01:19	9.95	44.85	28.85	9.47	7.91	35.8	2.06	100.8
421	2/13/2012 22:16:19	9.97	44.89	28.87	9.49	7.91	31.9	2.11	101.0
422	2/13/2012 22:31:19	10.10	45.11	29.04	9.43	7.91	32.8	2.15	100.8
423	2/13/2012 22:46:19	10.10	45.14	29.06	9.41	7.90	29.5	2.20	100.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
424	2/13/2012 23:01:20	10.16	45.30	29.18	9.37	7.89	28.9	2.31	100.4
425	2/13/2012 23:16:20	10.18	45.22	29.12	9.36	7.89	28.0	2.33	100.2
426	2/13/2012 23:31:20	10.22	45.36	29.22	9.31	7.89	25.6	2.40	99.9
427	2/13/2012 23:46:20	10.31	45.82	29.55	9.24	7.90	30.1	2.48	99.6
428	2/14/2012 0:01:20	10.36	46.06	29.73	9.22	7.91	23.9	2.55	99.5
429	2/14/2012 0:16:19	10.38	46.08	29.74	9.26	7.95	23.0	2.62	100.0
430	2/14/2012 0:31:20	10.44	46.81	30.27	9.26	7.93	23.6	2.70	100.5
431	2/14/2012 0:46:20	10.44	46.93	30.36	9.28	7.94	22.6	2.78	100.7
432	2/14/2012 1:01:20	10.41	46.67	30.17	9.33	7.94	22.2	2.86	101.1
433	2/14/2012 1:16:20	10.46	47.43	30.72	9.35	7.95	26.5	2.94	101.9
434	2/14/2012 1:31:20	10.39	47.02	30.42	9.42	7.95	20.8	3.03	102.3
435	2/14/2012 1:46:20	10.34	46.63	30.13	9.49	7.95	22.9	3.13	102.7
436	2/14/2012 2:01:20	10.42	47.64	30.86	9.47	7.96	27.2	3.22	103.1
437	2/14/2012 2:16:20	10.39	47.64	30.87	9.50	7.96	34.1	3.30	103.4
438	2/14/2012 2:31:20	10.34	47.66	30.88	9.61	7.97	36.4	3.39	104.5
439	2/14/2012 2:46:20	10.30	47.77	30.96	9.71	7.98	52.4	3.49	105.5
440	2/14/2012 3:01:19	10.28	47.88	31.03	9.74	8.01	43.7	3.56	105.9
441	2/14/2012 3:16:20	10.26	48.20	31.26	9.78	7.99	37.1	3.63	106.4
442	2/14/2012 3:31:20	10.22	48.40	31.40	9.80	7.99	27.7	3.68	106.6
443	2/14/2012 3:46:20	10.21	48.48	31.46	9.78	7.99	16.1	3.74	106.4
444	2/14/2012 4:01:20	10.21	48.63	31.57	9.77	7.99	14.0	3.79	106.4
445	2/14/2012 4:16:19	10.20	48.64	31.58	9.79	8.02	10.4	3.80	106.6
446	2/14/2012 4:31:20	10.21	48.69	31.61	9.73	7.99	12.3	3.83	105.9
447	2/14/2012 4:46:20	10.19	48.76	31.66	9.70	7.99	13.9	3.82	105.7
448	2/14/2012 5:01:20	10.20	48.73	31.64	9.75	7.99	17.3	3.77	106.2
449	2/14/2012 5:16:20	10.20	47.86	31.01	9.59	7.98	16.7	3.72	104.1
450	2/14/2012 5:31:20	10.21	47.37	30.66	9.49	7.96	13.9	3.66	102.7
451	2/14/2012 5:46:19	10.22	47.21	30.54	9.50	7.99	11.5	3.57	102.8
452	2/14/2012 6:01:20	10.19	46.97	30.37	9.50	7.95	12.8	3.47	102.6
453	2/14/2012 6:16:20	10.23	47.19	30.53	9.40	7.95	11.9	3.39	101.7
454	2/14/2012 6:31:20	10.18	46.89	30.31	9.38	7.94	14.4	3.32	101.2
455	2/14/2012 6:46:20	10.17	46.56	30.07	9.35	7.94	14.8	3.20	100.8
456	2/14/2012 7:01:20	10.16	46.67	30.15	9.37	7.94	16.5	3.09	101.0
457	2/14/2012 7:16:20	10.17	46.81	30.26	9.38	7.94	14.1	3.02	101.2
458	2/14/2012 7:31:19	10.17	46.65	30.14	9.35	7.95	11.8	2.92	100.8
459	2/14/2012 7:46:19	10.14	46.39	29.95	9.34	7.94	12.8	2.83	100.5
460	2/14/2012 8:01:19	10.07	46.22	29.82	9.41	7.95	13.1	2.71	101.0
461	2/14/2012 8:16:19	9.99	45.53	29.33	9.43	7.93	15.3	2.58	100.8
462	2/14/2012 8:31:20	9.96	45.24	29.12	9.35	7.91	19.8	2.46	99.7
463	2/14/2012 8:46:19	9.95	45.11	29.03	9.34	7.92	19.4	2.35	99.5
464	2/14/2012 9:01:20	9.94	45.03	28.97	9.37	7.90	19.2	2.22	99.7
465	2/14/2012 9:16:20	9.98	45.00	28.95	9.39	7.90	18.4	2.12	100.0
466	2/14/2012 9:31:19	9.97	44.98	28.93	9.41	7.92	19.5	2.03	100.2
467	2/14/2012 9:46:19	10.01	45.06	29.00	9.50	7.92	18.0	1.90	101.3
468	2/14/2012 10:01:19	10.02	44.91	28.89	9.47	7.92	17.1	1.81	100.9
469	2/14/2012 10:16:20	10.04	44.93	28.90	9.37	7.90	18.0	1.72	99.9
470	2/14/2012 10:31:20	10.03	44.74	28.77	9.31	7.89	20.3	1.64	99.2
471	2/14/2012 10:46:20	10.02	44.57	28.65	9.28	7.89	16.9	1.61	98.7
472	2/14/2012 11:01:19	10.15	44.49	28.60	9.28	7.91	14.9	1.57	99.0
473	2/14/2012 11:16:19	10.11	44.68	28.73	9.32	7.91	16.1	1.55	99.5
474	2/14/2012 11:31:19	10.04	44.78	28.80	9.30	7.90	16.8	1.57	99.1
475	2/14/2012 11:46:19	10.08	44.81	28.82	9.33	7.91	15.8	1.61	99.6
476	2/14/2012 12:01:19	10.14	44.85	28.85	9.33	7.91	15.8	1.67	99.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
477	2/14/2012 12:16:20	10.04	44.60	28.67	9.27	7.89	15.5	1.71	98.8
478	2/14/2012 12:31:20	10.00	44.17	28.36	9.25	7.88	15.8	1.78	98.2
479	2/14/2012 12:46:19	10.00	44.18	28.37	9.25	7.90	16.0	1.85	98.2
480	2/14/2012 13:01:19	9.96	44.07	28.29	9.25	7.89	16.6	1.91	98.1
481	2/14/2012 13:16:19	9.96	44.20	28.38	9.24	7.89	15.1	1.95	98.0
482	2/14/2012 13:31:19	9.96	44.37	28.50	9.21	7.89	14.9	2.03	97.8
483	2/14/2012 13:46:19	9.98	44.47	28.57	9.23	7.90	14.8	2.11	98.1
484	2/14/2012 14:01:20	10.06	45.32	29.18	9.19	7.90	14.1	2.16	98.2
485	2/14/2012 14:16:20	10.12	45.61	29.40	9.16	7.90	13.4	2.24	98.2
486	2/14/2012 14:31:20	10.12	45.42	29.26	9.21	7.90	12.3	2.30	98.6
487	2/14/2012 14:46:20	10.13	45.57	29.36	9.20	7.90	11.9	2.38	98.6
488	2/14/2012 15:01:19	10.17	45.61	29.40	9.20	7.92	11.5	2.44	98.7
489	2/14/2012 15:16:20	10.15	46.09	29.74	9.15	7.91	11.5	2.52	98.4
490	2/14/2012 15:31:20	10.23	45.69	29.46	9.18	7.91	10.8	2.57	98.7
491	2/14/2012 15:46:20	10.21	46.24	29.85	9.16	7.91	10.8	2.64	98.7
492	2/14/2012 16:01:20	10.23	46.20	29.82	9.16	7.91	11.0	2.70	98.7
493	2/14/2012 16:16:20	10.24	46.16	29.80	9.18	7.91	10.4	2.75	98.9
494	2/14/2012 16:31:20	10.25	46.23	29.85	9.19	7.92	11.1	2.81	99.1
495	2/14/2012 16:46:20	10.26	46.23	29.85	9.20	7.92	9.8	2.84	99.2
496	2/14/2012 17:01:20	10.28	46.00	29.68	9.27	7.92	9.0	2.88	99.9
497	2/14/2012 17:16:20	10.25	46.26	29.87	9.23	7.92	9.0	2.91	99.5
498	2/14/2012 17:31:19	10.26	46.26	29.86	9.25	7.94	8.3	2.94	99.7
499	2/14/2012 17:46:20	10.27	46.27	29.87	9.17	7.92	8.1	2.95	98.9
500	2/14/2012 18:01:19	10.25	46.26	29.87	9.04	7.93	8.0	2.96	97.5
501	2/14/2012 18:16:20	10.25	46.39	29.96	9.14	7.92	10.9	2.97	98.6
502	2/14/2012 18:31:20	10.25	46.33	29.92	9.14	7.92	10.0	2.93	98.6
503	2/14/2012 18:46:20	10.24	46.26	29.87	9.10	7.91	11.0	2.90	98.1
504	2/14/2012 19:01:20	10.25	46.21	29.83	9.12	7.91	12.2	2.87	98.3
505	2/14/2012 19:16:20	10.29	46.18	29.81	9.20	7.92	11.2	2.83	99.2
506	2/14/2012 19:31:19	10.30	45.90	29.62	9.19	7.93	11.6	2.77	99.0
507	2/14/2012 19:46:20	10.31	45.99	29.68	9.23	7.92	13.2	2.70	99.5
508	2/14/2012 20:01:19	10.28	45.72	29.48	9.18	7.92	14.7	2.65	98.8
509	2/14/2012 20:16:20	10.24	45.35	29.22	9.21	7.91	15.5	2.60	98.8
510	2/14/2012 20:31:20	10.18	44.80	28.82	9.27	7.92	16.6	2.52	99.1
511	2/14/2012 20:46:19	10.11	44.63	28.70	9.29	7.92	16.7	2.47	99.1
512	2/14/2012 21:01:20	10.11	44.84	28.84	9.25	7.90	17.7	2.44	98.8
513	2/14/2012 21:16:20	10.08	44.93	28.91	9.22	7.90	17.3	2.38	98.4
514	2/14/2012 21:31:20	9.95	44.71	28.74	9.28	7.91	17.6	2.35	98.6
515	2/14/2012 21:46:20	10.00	44.80	28.81	9.18	7.90	15.8	2.31	97.7
516	2/14/2012 22:01:20	9.74	44.57	28.63	9.33	7.91	18.0	2.28	98.7
517	2/14/2012 22:16:20	9.82	44.53	28.61	9.28	7.90	17.6	2.27	98.4
518	2/14/2012 22:31:20	9.81	44.70	28.73	9.23	7.90	16.2	2.27	97.8
519	2/14/2012 22:46:20	9.79	44.68	28.72	9.26	7.90	16.3	2.25	98.1
520	2/14/2012 23:01:20	9.80	44.56	28.63	9.28	7.90	16.1	2.27	98.3
521	2/14/2012 23:16:20	9.87	44.29	28.44	9.27	7.89	16.6	2.30	98.2
522	2/14/2012 23:31:20	9.89	44.27	28.43	9.26	7.88	15.3	2.32	98.2
523	2/14/2012 23:46:20	9.96	44.40	28.53	9.22	7.89	14.1	2.37	97.9
524	2/15/2012 0:01:19	10.02	44.63	28.69	9.18	7.90	13.1	2.41	97.7
525	2/15/2012 0:16:19	10.01	44.55	28.63	9.18	7.90	12.9	2.46	97.7
526	2/15/2012 0:31:20	10.01	44.38	28.51	9.26	7.89	14.0	2.52	98.5
527	2/15/2012 0:46:20	10.14	44.76	28.79	9.16	7.89	11.5	2.58	97.8
528	2/15/2012 1:01:20	10.18	44.99	28.96	9.14	7.90	11.1	2.64	97.8
529	2/15/2012 1:16:20	10.19	45.05	29.00	9.20	7.90	10.9	2.71	98.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
530	2/15/2012 1:31:20	10.20	45.37	29.23	9.21	7.91	11.2	2.79	98.8
531	2/15/2012 1:46:20	10.21	46.09	29.75	9.21	7.92	11.9	2.84	99.1
532	2/15/2012 2:01:20	10.21	46.37	29.94	9.24	7.92	13.4	2.93	99.6
533	2/15/2012 2:16:20	10.09	45.55	29.35	9.32	7.92	12.0	3.00	99.8
534	2/15/2012 2:31:19	10.07	45.61	29.39	9.34	7.94	10.7	3.06	100.0
535	2/15/2012 2:46:20	10.01	46.19	29.80	9.36	7.92	10.6	3.15	100.4
536	2/15/2012 3:01:20	9.96	46.33	29.90	9.35	7.93	9.4	3.21	100.2
537	2/15/2012 3:16:20	9.92	46.59	30.08	9.35	7.93	9.3	3.29	100.2
538	2/15/2012 3:31:19	10.00	47.38	30.66	9.32	7.95	10.0	3.35	100.4
539	2/15/2012 3:46:20	10.05	48.10	31.18	9.29	7.94	10.3	3.43	100.6
540	2/15/2012 4:01:20	9.94	47.96	31.07	9.31	7.94	11.5	3.50	100.4
541	2/15/2012 4:16:20	10.05	48.48	31.44	9.27	7.94	11.7	3.57	100.5
542	2/15/2012 4:31:20	10.05	48.52	31.48	9.25	7.94	10.9	3.63	100.3
543	2/15/2012 4:46:20	10.03	48.55	31.50	9.26	7.94	10.8	3.67	100.4
544	2/15/2012 5:01:20	9.97	48.61	31.53	9.26	7.94	11.7	3.73	100.3
545	2/15/2012 5:16:20	9.93	48.63	31.55	9.28	7.94	10.0	3.72	100.4
546	2/15/2012 5:31:19	9.97	48.50	31.46	9.24	7.95	11.1	3.75	100.0
547	2/15/2012 5:46:19	9.89	47.66	30.85	9.21	7.94	9.8	3.74	99.1
548	2/15/2012 6:01:20	9.95	48.78	31.66	9.27	7.94	11.8	3.72	100.4
549	2/15/2012 6:16:20	9.69	47.30	30.58	9.28	7.93	10.8	3.67	99.2
550	2/15/2012 6:31:20	9.89	47.84	30.98	9.23	7.93	13.3	3.60	99.4
551	2/15/2012 6:46:20	9.65	46.80	30.22	9.27	7.92	10.7	3.54	98.8
552	2/15/2012 7:01:20	9.60	46.70	30.14	9.29	7.92	11.7	3.46	98.9
553	2/15/2012 7:16:20	9.73	46.94	30.32	9.23	7.93	17.6	3.35	98.7
554	2/15/2012 7:31:20	9.59	46.45	29.96	9.26	7.91	8.7	3.27	98.4
555	2/15/2012 7:46:20	9.60	46.63	30.09	9.29	7.92	9.0	3.18	98.9
556	2/15/2012 8:01:20	9.61	46.60	30.07	9.30	7.92	8.3	3.07	99.0
557	2/15/2012 8:16:20	9.64	46.19	29.78	9.27	7.91	10.6	2.98	98.5
558	2/15/2012 8:31:20	9.65	46.35	29.89	9.26	7.91	10.3	2.89	98.6
559	2/15/2012 8:46:20	9.58	46.50	30.00	9.30	7.91	8.9	2.79	98.9
560	2/15/2012 9:01:20	9.57	46.32	29.87	9.31	7.91	12.9	2.69	98.9
561	2/15/2012 9:16:20	9.56	45.97	29.62	9.39	7.91	9.4	2.58	99.5
562	2/15/2012 9:31:20	9.56	45.90	29.57	9.50	7.92	9.7	2.46	100.7
563	2/15/2012 9:46:20	9.58	45.40	29.21	9.57	7.93	11.1	2.34	101.2
564	2/15/2012 10:01:20	9.60	45.11	29.01	9.80	7.93	11.5	2.24	103.6
565	2/15/2012 10:16:20	9.67	45.09	28.99	9.80	7.94	11.2	2.09	103.7
566	2/15/2012 10:31:20	9.62	44.69	28.71	9.71	7.93	12.8	1.99	102.5
567	2/15/2012 10:46:20	9.67	44.70	28.72	9.64	7.92	13.9	1.87	101.9
568	2/15/2012 11:01:20	9.57	44.36	28.47	9.47	7.90	13.9	1.80	99.7
569	2/15/2012 11:16:20	9.64	44.34	28.46	9.45	7.90	13.5	1.65	99.6
570	2/15/2012 11:31:20	9.56	44.09	28.28	9.39	7.90	13.3	1.60	98.7
571	2/15/2012 11:46:20	9.55	44.17	28.34	9.32	7.89	11.8	1.54	98.0
572	2/15/2012 12:01:20	9.57	44.17	28.34	9.34	7.90	11.7	1.48	98.2
573	2/15/2012 12:16:20	9.61	44.17	28.34	9.31	7.90	11.5	1.45	98.0
574	2/15/2012 12:31:20	9.59	44.22	28.37	9.35	7.89	12.4	1.47	98.4
575	2/15/2012 12:46:20	9.62	44.25	28.40	9.38	7.89	12.7	1.48	98.8
576	2/15/2012 13:01:20	9.64	44.30	28.44	9.36	7.89	12.6	1.50	98.7
577	2/15/2012 13:16:20	9.68	44.33	28.46	9.38	7.89	12.3	1.56	99.0
578	2/15/2012 13:31:20	9.66	44.36	28.48	9.36	7.89	11.4	1.63	98.7
579	2/15/2012 13:46:20	9.69	44.42	28.52	9.35	7.89	11.3	1.67	98.7
580	2/15/2012 14:01:20	9.75	43.91	28.16	9.35	7.89	11.5	1.71	98.7
581	2/15/2012 14:16:20	9.70	43.97	28.20	9.34	7.89	11.4	1.79	98.4
582	2/15/2012 14:31:20	9.66	44.02	28.24	9.34	7.88	11.4	1.86	98.3

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
583	2/15/2012 14:46:20	9.65	44.14	28.32	9.34	7.88	11.0	1.92	98.4
584	2/15/2012 15:01:20	9.65	44.18	28.35	9.30	7.88	10.5	1.98	98.0
585	2/15/2012 15:16:20	9.62	44.39	28.49	9.24	7.88	10.6	2.05	97.4
586	2/15/2012 15:31:20	9.68	45.02	28.95	9.18	7.89	9.7	2.14	97.2
587	2/15/2012 15:46:20	9.75	45.55	29.33	9.15	7.89	9.2	2.20	97.2
588	2/15/2012 16:01:20	9.77	45.57	29.35	9.14	7.89	9.3	2.28	97.1
589	2/15/2012 16:16:20	9.79	45.92	29.59	9.11	7.90	8.6	2.33	97.0
590	2/15/2012 16:31:20	9.78	45.98	29.64	9.12	7.90	8.6	2.40	97.1
591	2/15/2012 16:46:20	9.76	45.67	29.42	9.13	7.90	8.4	2.48	97.1
592	2/15/2012 17:01:20	9.78	45.62	29.38	9.16	7.90	8.7	2.54	97.4
593	2/15/2012 17:16:20	9.80	45.62	29.38	9.16	7.90	8.2	2.60	97.5
594	2/15/2012 17:31:20	9.78	46.01	29.66	9.15	7.90	7.9	2.66	97.5
595	2/15/2012 17:46:20	9.79	45.95	29.62	9.17	7.90	8.4	2.70	97.7
596	2/15/2012 18:01:20	9.82	45.77	29.49	9.22	7.90	8.3	2.74	98.3
597	2/15/2012 18:16:20	9.82	45.67	29.42	9.18	7.90	8.3	2.79	97.8
598	2/15/2012 18:31:19	9.80	46.07	29.71	9.14	7.92	7.9	2.82	97.5
599	2/15/2012 18:46:20	9.80	46.21	29.80	9.13	7.90	7.6	2.86	97.5
600	2/15/2012 19:01:19	9.81	45.72	29.45	9.15	7.91	7.8	2.89	97.4
601	2/15/2012 19:16:20	9.80	46.09	29.72	9.06	7.90	7.5	2.91	96.7
602	2/15/2012 19:31:20	9.80	46.10	29.73	8.99	7.90	7.3	2.91	95.8
603	2/15/2012 19:46:20	9.81	46.20	29.79	8.98	7.90	7.2	2.92	95.8
604	2/15/2012 20:01:20	9.81	46.20	29.80	9.05	7.90	8.4	2.90	96.6
605	2/15/2012 20:16:20	9.82	46.17	29.78	9.10	7.90	9.5	2.88	97.1
606	2/15/2012 20:31:20	9.81	46.06	29.70	9.07	7.90	8.9	2.84	96.8
607	2/15/2012 20:46:20	9.80	46.02	29.67	9.06	7.89	9.6	2.81	96.6
608	2/15/2012 21:01:20	9.79	45.99	29.65	9.05	7.89	9.7	2.77	96.4
609	2/15/2012 21:16:20	9.77	45.78	29.49	9.07	7.89	10.8	2.70	96.6
610	2/15/2012 21:31:20	9.76	45.77	29.49	9.08	7.89	10.3	2.66	96.6
611	2/15/2012 21:46:20	9.75	45.68	29.42	9.09	7.89	9.8	2.61	96.6
612	2/15/2012 22:01:20	9.71	45.48	29.28	9.09	7.89	9.5	2.57	96.5
613	2/15/2012 22:16:20	9.64	45.24	29.10	9.12	7.89	9.2	2.52	96.6
614	2/15/2012 22:31:20	9.61	45.10	29.00	9.10	7.89	9.0	2.46	96.2
615	2/15/2012 22:46:20	9.55	44.89	28.85	9.13	7.88	9.1	2.45	96.3
616	2/15/2012 23:01:20	9.46	44.56	28.61	9.15	7.88	8.8	2.41	96.1
617	2/15/2012 23:16:20	9.53	44.93	28.88	9.06	7.88	7.8	2.39	95.5
618	2/15/2012 23:31:20	9.48	44.68	28.70	9.04	7.88	7.5	2.37	95.1
619	2/15/2012 23:46:20	9.54	44.79	28.78	9.12	7.88	8.5	2.36	96.2
620	2/16/2012 0:01:20	9.56	44.99	28.92	9.14	7.89	8.1	2.36	96.4
621	2/16/2012 0:16:20	9.44	44.44	28.53	9.19	7.88	8.6	2.39	96.5
622	2/16/2012 0:31:20	9.60	45.10	29.00	9.14	7.89	8.4	2.41	96.6
623	2/16/2012 0:46:20	9.51	44.89	28.84	9.15	7.88	8.5	2.43	96.4
624	2/16/2012 1:01:20	9.60	45.04	28.96	9.13	7.88	8.3	2.46	96.5
625	2/16/2012 1:16:20	9.64	45.22	29.08	9.08	7.88	8.4	2.51	96.1
626	2/16/2012 1:31:20	9.55	44.93	28.88	9.14	7.88	8.6	2.56	96.4
627	2/16/2012 1:46:20	9.67	45.41	29.22	9.10	7.89	9.2	2.62	96.5
628	2/16/2012 2:01:20	9.66	45.39	29.21	9.15	7.89	9.2	2.67	97.0
629	2/16/2012 2:16:19	9.73	45.61	29.37	9.18	7.91	8.1	2.72	97.6
630	2/16/2012 2:31:19	9.74	45.81	29.52	9.20	7.91	8.0	2.79	97.8
631	2/16/2012 2:46:20	9.72	45.74	29.47	9.22	7.90	8.4	2.85	98.0
632	2/16/2012 3:01:20	9.72	45.99	29.64	9.24	7.90	8.4	2.91	98.3
633	2/16/2012 3:16:20	9.61	46.17	29.76	9.30	7.90	8.5	2.98	98.8
634	2/16/2012 3:31:20	9.61	46.08	29.70	9.30	7.91	11.7	3.05	98.7
635	2/16/2012 3:46:20	9.43	46.02	29.64	9.36	7.91	8.4	3.13	99.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	2/16/2012 4:01:19	9.47	46.19	29.77	9.38	7.92	8.4	3.19	99.4
637	2/16/2012 4:16:20	9.46	46.35	29.88	9.44	7.91	8.7	3.27	100.0
638	2/16/2012 4:31:20	9.45	46.59	30.05	9.42	7.91	12.8	3.35	99.9
639	2/16/2012 4:46:20	9.45	47.11	30.42	9.42	7.91	8.7	3.42	100.2
640	2/16/2012 5:01:20	9.49	47.70	30.85	9.41	7.91	8.3	3.49	100.4
641	2/16/2012 5:16:20	9.65	49.11	31.87	9.39	7.92	9.2	3.56	101.2
642	2/16/2012 5:31:19	9.64	49.37	32.06	9.39	7.93	10.1	3.61	101.3
643	2/16/2012 5:46:20	9.62	49.32	32.02	9.39	7.92	8.3	3.66	101.3
644	2/16/2012 6:01:20	9.60	49.48	32.14	9.37	7.92	8.4	3.71	101.1
645	2/16/2012 6:16:20	9.57	49.39	32.07	9.37	7.92	7.5	3.73	101.0
646	2/16/2012 6:31:20	9.61	49.29	32.00	9.30	7.92	7.6	3.75	100.2
647	2/16/2012 6:46:20	9.61	49.30	32.01	9.28	7.92	8.7	3.76	100.0
648	2/16/2012 7:01:19	9.58	49.43	32.10	9.32	7.93	8.8	3.74	100.4
649	2/16/2012 7:16:20	9.57	49.10	31.86	9.31	7.91	8.8	3.70	100.2
650	2/16/2012 7:31:20	9.60	49.34	32.04	9.30	7.92	10.5	3.63	100.2
651	2/16/2012 7:46:20	9.50	47.96	31.04	9.24	7.91	9.3	3.57	98.7
652	2/16/2012 8:01:20	9.42	47.49	30.69	9.24	7.90	8.1	3.51	98.4
653	2/16/2012 8:16:20	9.46	47.92	31.01	9.31	7.91	10.4	3.40	99.3
654	2/16/2012 8:31:20	9.37	47.16	30.46	9.30	7.91	11.4	3.31	98.8
655	2/16/2012 8:46:20	9.33	46.76	30.17	9.29	7.90	7.5	3.24	98.3
656	2/16/2012 9:01:20	9.37	46.90	30.27	9.30	7.90	7.3	3.13	98.6
657	2/16/2012 9:16:20	9.42	46.93	30.29	9.36	7.90	6.8	3.03	99.3
658	2/16/2012 9:31:20	9.45	46.79	30.19	9.39	7.91	7.2	2.94	99.7
659	2/16/2012 9:46:20	9.36	46.20	29.77	9.36	7.90	10.1	2.83	98.9
660	2/16/2012 10:01:20	9.36	45.98	29.61	9.40	7.90	9.7	2.72	99.2
661	2/16/2012 10:16:20	9.40	45.79	29.48	9.46	7.90	8.8	2.62	99.8
662	2/16/2012 10:31:20	9.65	46.09	29.71	9.67	7.92	7.5	2.50	102.7
663	2/16/2012 10:46:20	9.73	45.81	29.51	9.88	7.94	7.6	2.37	105.1
664	2/16/2012 11:01:19	9.86	45.61	29.38	10.10	7.96	8.1	2.26	107.7
665	2/16/2012 11:16:20	9.85	45.15	29.05	9.82	7.93	8.3	2.13	104.4
666	2/16/2012 11:31:20	9.88	45.12	29.03	9.90	7.94	8.9	2.00	105.3
667	2/16/2012 11:46:20	9.86	45.07	28.99	9.85	7.93	9.1	1.89	104.7
668	2/16/2012 12:01:20	9.96	45.00	28.95	9.79	7.93	8.1	1.78	104.3
669	2/16/2012 12:16:20	9.82	44.73	28.75	9.75	7.92	8.8	1.68	103.4
670	2/16/2012 12:31:20	9.68	44.60	28.65	9.61	7.91	8.1	1.60	101.5
671	2/16/2012 12:46:20	9.75	44.53	28.60	9.66	7.92	7.8	1.51	102.2
672	2/16/2012 13:01:20	9.83	44.51	28.60	9.69	7.92	7.4	1.47	102.7
673	2/16/2012 13:16:20	9.86	44.44	28.54	9.64	7.92	7.0	1.42	102.2
674	2/16/2012 13:31:20	9.98	44.57	28.65	9.69	7.92	7.3	1.40	103.0
675	2/16/2012 13:46:20	9.63	44.65	28.68	9.51	7.90	7.8	1.43	100.3
676	2/16/2012 14:01:20	9.81	44.69	28.72	9.60	7.91	7.7	1.44	101.7
677	2/16/2012 14:16:20	9.81	44.72	28.75	9.59	7.91	7.6	1.47	101.7
678	2/16/2012 14:31:20	9.82	44.72	28.75	9.58	7.91	7.8	1.56	101.6
679	2/16/2012 14:46:20	9.93	44.39	28.51	9.57	7.91	8.0	1.60	101.5
680	2/16/2012 15:01:20	9.82	44.43	28.54	9.52	7.90	8.6	1.65	100.8
681	2/16/2012 15:16:20	9.81	44.22	28.39	9.50	7.90	8.3	1.72	100.5
682	2/16/2012 15:31:19	9.76	44.31	28.45	9.49	7.91	8.3	1.78	100.3
683	2/16/2012 15:46:20	9.70	44.19	28.36	9.46	7.89	8.7	1.83	99.8
684	2/16/2012 16:01:20	9.68	44.26	28.41	9.42	7.89	8.4	1.90	99.3
685	2/16/2012 16:16:20	9.71	44.56	28.63	9.40	7.89	7.6	1.97	99.3
686	2/16/2012 16:31:20	9.64	44.60	28.64	9.37	7.86	8.3	2.06	98.9
687	2/16/2012 16:46:20	9.64	45.04	28.96	9.29	7.85	8.2	2.12	98.3
688	2/16/2012 17:01:20	9.65	44.82	28.81	9.33	7.85	8.3	2.19	98.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	2/16/2012 17:16:20	9.66	44.99	28.92	9.30	7.86	8.2	2.27	98.4
690	2/16/2012 17:31:20	9.65	45.30	29.15	9.28	7.86	8.4	2.36	98.3
691	2/16/2012 17:46:20	9.60	45.81	29.50	9.24	7.86	7.8	2.42	98.0
692	2/16/2012 18:01:20	9.57	46.14	29.74	9.23	7.89	8.3	2.50	98.0
693	2/16/2012 18:16:20	9.59	46.15	29.74	9.24	7.89	9.2	2.59	98.2
694	2/16/2012 18:31:20	9.60	46.17	29.76	9.25	7.89	8.6	2.66	98.2
695	2/16/2012 18:46:20	9.61	46.20	29.78	9.24	7.89	7.7	2.72	98.2
696	2/16/2012 19:01:20	9.64	46.39	29.92	9.25	7.89	8.9	2.79	98.4
697	2/16/2012 19:16:20	9.64	46.51	30.01	9.25	7.89	8.5	2.85	98.5
698	2/16/2012 19:31:20	9.64	46.59	30.06	9.25	7.90	8.8	2.91	98.6
699	2/16/2012 19:46:20	9.62	46.63	30.10	9.26	7.90	7.9	2.94	98.6
700	2/16/2012 20:01:20	9.62	46.79	30.20	9.25	7.90	7.3	2.97	98.5
701	2/16/2012 20:16:20	9.61	46.76	30.19	9.26	7.90	7.0	3.02	98.6
702	2/16/2012 20:31:20	9.61	46.92	30.30	9.21	7.90	6.4	3.01	98.2
703	2/16/2012 20:46:20	9.62	46.92	30.30	9.17	7.89	7.4	3.01	97.7
704	2/16/2012 21:01:20	9.62	46.96	30.33	9.19	7.89	7.2	3.02	98.0
705	2/16/2012 21:16:20	9.62	46.93	30.31	9.17	7.89	7.5	3.01	97.8
706	2/16/2012 21:31:20	9.62	46.84	30.24	9.17	7.89	7.6	2.99	97.8
707	2/16/2012 21:46:20	9.62	46.54	30.03	9.18	7.89	8.3	2.96	97.7
708	2/16/2012 22:01:20	9.64	46.55	30.04	9.12	7.89	7.8	2.89	97.1
709	2/16/2012 22:16:20	9.67	46.24	29.82	9.16	7.89	9.2	2.84	97.5
710	2/16/2012 22:31:20	9.67	46.12	29.73	9.18	7.89	9.2	2.81	97.6
711	2/16/2012 22:46:19	9.67	45.98	29.63	9.19	7.91	8.3	2.75	97.7
712	2/16/2012 23:01:19	9.69	45.83	29.53	9.15	7.90	7.9	2.69	97.2
713	2/16/2012 23:16:20	9.73	45.47	29.27	9.14	7.89	7.5	2.65	97.1
714	2/16/2012 23:31:20	9.70	45.26	29.12	9.14	7.88	7.8	2.59	96.8
715	2/16/2012 23:46:20	9.66	45.25	29.11	9.10	7.88	7.3	2.54	96.4
716	2/17/2012 0:01:20	9.64	45.16	29.05	9.08	7.87	7.2	2.50	96.1
717	2/17/2012 0:16:20	9.64	45.14	29.03	9.02	7.87	7.0	2.46	95.4
718	2/17/2012 0:31:20	9.63	45.07	28.98	8.93	7.86	6.4	2.43	94.4
719	2/17/2012 0:46:20	9.62	44.97	28.91	8.96	7.87	6.7	2.39	94.7
720	2/17/2012 1:01:20	9.64	45.43	29.24	9.00	7.87	6.4	2.38	95.4
721	2/17/2012 1:16:20	9.64	45.41	29.23	9.09	7.87	6.9	2.39	96.3
722	2/17/2012 1:31:20	9.61	44.94	28.89	9.05	7.84	6.9	2.41	95.6
723	2/17/2012 1:46:20	9.63	45.19	29.06	8.99	7.84	7.5	2.42	95.2
724	2/17/2012 2:01:20	9.64	45.60	29.36	9.10	7.88	7.0	2.45	96.5
725	2/17/2012 2:16:20	9.65	45.68	29.42	9.05	7.87	7.8	2.48	96.1
726	2/17/2012 2:31:20	9.64	45.53	29.31	9.08	7.88	7.5	2.53	96.3
727	2/17/2012 2:46:20	9.61	45.11	29.01	9.14	7.88	7.8	2.57	96.6
728	2/17/2012 3:01:20	9.64	45.93	29.60	9.10	7.88	8.1	2.62	96.6
729	2/17/2012 3:16:20	9.65	45.93	29.60	9.14	7.88	7.2	2.69	97.1
730	2/17/2012 3:31:20	9.64	46.09	29.71	9.14	7.88	7.4	2.75	97.1
731	2/17/2012 3:46:20	9.65	46.35	29.90	9.12	7.88	7.4	2.79	97.1
732	2/17/2012 4:01:20	9.64	46.60	30.07	9.12	7.89	7.0	2.86	97.2
733	2/17/2012 4:16:20	9.64	46.56	30.04	9.14	7.89	7.5	2.93	97.3
734	2/17/2012 4:31:20	9.61	46.70	30.14	9.17	7.89	7.2	2.98	97.7
735	2/17/2012 4:46:20	9.60	46.77	30.19	9.20	7.89	7.5	3.06	98.0
736	2/17/2012 5:01:20	9.62	46.94	30.32	9.19	7.89	8.5	3.13	98.0
737	2/17/2012 5:16:20	9.62	47.30	30.57	9.18	7.89	7.8	3.20	98.0
738	2/17/2012 5:31:20	9.61	47.60	30.78	9.15	7.89	7.3	3.29	97.9
739	2/17/2012 5:46:20	9.60	47.89	30.99	9.12	7.89	8.2	3.36	97.7
740	2/17/2012 6:01:20	9.62	48.84	31.68	9.03	7.90	9.7	3.42	97.2
741	2/17/2012 6:16:20	9.63	49.20	31.94	9.00	7.90	9.4	3.50	97.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
742	2/17/2012 6:31:20	9.61	49.23	31.96	8.95	7.90	11.2	3.58	96.5
743	2/17/2012 6:46:20	9.59	49.28	32.00	8.92	7.90	12.1	3.62	96.1
744	2/17/2012 7:01:20	9.58	49.26	31.98	8.90	7.90	9.6	3.68	95.8
745	2/17/2012 7:16:20	9.58	49.37	32.06	8.87	7.90	9.0	3.72	95.6
746	2/17/2012 7:31:19	9.58	49.45	32.11	8.87	7.91	8.0	3.75	95.5
747	2/17/2012 7:46:20	9.57	49.59	32.22	8.86	7.90	7.5	3.76	95.5
748	2/17/2012 8:01:20	9.58	49.48	32.14	8.81	7.89	8.0	3.76	94.9
749	2/17/2012 8:16:20	9.57	49.56	32.19	8.78	7.90	8.3	3.74	94.7
750	2/17/2012 8:31:20	9.57	49.21	31.94	8.81	7.89	11.2	3.70	94.9
751	2/17/2012 8:46:20	9.51	47.94	31.03	8.98	7.89	6.8	3.64	96.0
752	2/17/2012 9:01:20	9.59	47.88	30.98	8.96	7.88	7.0	3.56	95.9
753	2/17/2012 9:16:20	9.62	47.92	31.01	8.96	7.89	7.8	3.47	96.0
754	2/17/2012 9:31:20	9.59	48.04	31.10	8.97	7.89	9.8	3.39	96.1
755	2/17/2012 9:46:20	9.59	47.80	30.93	8.98	7.89	10.1	3.30	96.1
756	2/17/2012 10:01:20	9.70	47.35	30.61	9.05	7.89	8.0	3.18	96.8
757	2/17/2012 10:16:20	9.77	47.14	30.47	9.13	7.89	7.3	3.10	97.8
758	2/17/2012 10:31:20	9.82	47.06	30.41	9.18	7.89	6.1	2.99	98.4
759	2/17/2012 10:46:20	9.90	47.13	30.47	9.23	7.90	6.3	2.88	99.1
760	2/17/2012 11:01:20	9.89	46.71	30.17	9.30	7.90	7.2	2.76	99.6
761	2/17/2012 11:16:20	9.96	46.25	29.84	9.28	7.90	9.2	2.64	99.4
762	2/17/2012 11:31:19	10.06	46.06	29.71	9.48	7.92	7.5	2.54	101.7
763	2/17/2012 11:46:19	10.22	46.03	29.70	9.47	7.94	7.6	2.40	102.0
764	2/17/2012 12:01:19	10.41	46.11	29.77	9.81	7.96	7.9	2.27	106.0
765	2/17/2012 12:16:19	10.23	45.51	29.33	9.69	7.92	9.7	2.14	104.1
766	2/17/2012 12:31:20	10.41	45.50	29.33	9.88	7.92	8.1	1.98	106.6
767	2/17/2012 12:46:20	10.54	45.52	29.36	9.79	7.94	7.9	1.87	105.8
768	2/17/2012 13:01:20	10.34	45.20	29.12	9.63	7.91	7.9	1.75	103.5
769	2/17/2012 13:16:20	10.32	45.09	29.03	9.51	7.91	7.3	1.63	102.1
770	2/17/2012 13:31:20	10.39	44.93	28.92	9.56	7.91	7.6	1.52	102.7
771	2/17/2012 13:46:20	10.42	44.81	28.84	9.55	7.91	7.5	1.47	102.6
772	2/17/2012 14:01:20	10.51	44.77	28.82	9.56	7.92	7.2	1.40	103.0
773	2/17/2012 14:16:20	10.49	44.77	28.82	9.51	7.92	6.4	1.31	102.4
774	2/17/2012 14:31:20	10.62	44.87	28.89	9.63	7.92	7.5	1.35	104.0
775	2/17/2012 14:46:20	10.54	44.85	28.88	9.61	7.92	8.9	1.36	103.7
776	2/17/2012 15:01:20	10.46	44.90	28.91	9.53	7.91	10.2	1.35	102.6
777	2/17/2012 15:16:20	10.42	44.95	28.94	9.48	7.91	12.6	1.40	102.0
778	2/17/2012 15:31:20	10.40	44.90	28.90	9.50	7.91	8.2	1.47	102.1
779	2/17/2012 15:46:20	10.47	44.08	28.32	9.51	7.90	10.9	1.52	102.0
780	2/17/2012 16:01:20	10.41	44.52	28.63	9.47	7.90	7.2	1.57	101.6
781	2/17/2012 16:16:20	10.40	44.53	28.64	9.42	7.90	7.8	1.64	101.1
782	2/17/2012 16:31:20	10.34	44.44	28.58	9.38	7.89	7.9	1.73	100.5
783	2/17/2012 16:46:20	10.32	44.28	28.46	9.36	7.88	7.8	1.78	100.1
784	2/17/2012 17:01:19	10.30	44.33	28.49	9.35	7.90	8.2	1.84	100.0
785	2/17/2012 17:16:19	10.29	44.55	28.65	9.35	7.90	7.3	1.93	100.1
786	2/17/2012 17:31:20	10.29	44.40	28.54	9.32	7.88	8.0	2.03	99.7
787	2/17/2012 17:46:20	10.24	44.66	28.72	9.25	7.88	7.9	2.09	98.9
788	2/17/2012 18:01:20	10.10	45.29	29.16	9.19	7.88	8.3	2.20	98.3
789	2/17/2012 18:16:19	9.99	45.96	29.63	9.14	7.94	8.6	2.29	97.8
790	2/17/2012 18:31:19	10.02	45.81	29.53	9.18	7.90	8.6	2.38	98.3
791	2/17/2012 18:46:20	9.98	46.15	29.77	9.18	7.88	9.8	2.47	98.4
792	2/17/2012 19:01:20	9.95	46.28	29.86	9.16	7.85	10.3	2.56	98.0
793	2/17/2012 19:16:20	9.94	46.39	29.94	9.14	7.88	9.2	2.65	97.9
794	2/17/2012 19:31:20	9.92	46.47	30.00	9.11	7.88	9.5	2.71	97.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	2/17/2012 19:46:20	9.91	46.58	30.08	9.08	7.88	9.9	2.79	97.3
796	2/17/2012 20:01:20	9.90	46.67	30.14	9.10	7.88	11.4	2.85	97.5
797	2/17/2012 20:16:20	9.90	46.85	30.27	9.10	7.88	10.5	2.92	97.6
798	2/17/2012 20:31:20	9.90	47.00	30.37	9.09	7.88	9.5	2.98	97.6
799	2/17/2012 20:46:20	9.89	46.98	30.36	9.08	7.88	10.1	3.03	97.4
800	2/17/2012 21:01:19	9.88	47.21	30.53	9.07	7.90	9.3	3.08	97.4
801	2/17/2012 21:16:19	9.87	47.80	30.95	9.10	7.90	9.9	3.10	98.0
802	2/17/2012 21:31:19	9.87	47.99	31.08	9.11	7.91	8.6	3.14	98.2
803	2/17/2012 21:46:20	9.87	48.17	31.21	9.05	7.89	6.8	3.16	97.6
804	2/17/2012 22:01:20	9.87	48.16	31.20	9.00	7.89	8.0	3.15	97.0
805	2/17/2012 22:16:20	9.87	47.98	31.08	9.00	7.89	7.6	3.14	96.9
806	2/17/2012 22:31:20	9.88	47.71	30.88	9.04	7.89	8.6	3.11	97.3
807	2/17/2012 22:46:20	9.88	47.40	30.66	9.04	7.88	10.1	3.06	97.2
808	2/17/2012 23:01:20	9.89	46.99	30.37	9.03	7.88	9.5	3.03	96.9
809	2/17/2012 23:16:20	9.87	46.90	30.30	9.02	7.88	9.0	2.94	96.7
810	2/17/2012 23:31:20	9.86	46.98	30.36	9.03	7.88	10.1	2.88	96.8
811	2/17/2012 23:46:20	9.86	46.97	30.35	9.02	7.87	9.7	2.82	96.7
812	2/18/2012 0:01:20	9.87	46.81	30.24	9.03	7.87	9.5	2.75	96.8
813	2/18/2012 0:16:20	9.89	46.64	30.12	9.04	7.87	9.3	2.67	96.8
814	2/18/2012 0:31:19	9.93	46.25	29.84	9.01	7.88	9.0	2.61	96.4
815	2/18/2012 0:46:20	9.95	46.13	29.76	9.03	7.87	9.6	2.57	96.6
816	2/18/2012 1:01:20	10.01	45.65	29.42	9.02	7.86	9.0	2.50	96.5
817	2/18/2012 1:16:20	10.03	45.60	29.38	9.01	7.86	7.9	2.46	96.3
818	2/18/2012 1:31:20	10.02	45.56	29.36	8.96	7.86	7.9	2.39	95.8
819	2/18/2012 1:46:20	10.03	45.50	29.31	8.94	7.86	7.9	2.37	95.6
820	2/18/2012 2:01:20	10.06	45.26	29.14	8.94	7.86	7.0	2.34	95.5
821	2/18/2012 2:16:20	10.02	45.61	29.39	8.82	7.86	6.1	2.30	94.3
822	2/18/2012 2:31:20	10.01	45.67	29.43	8.97	7.86	7.5	2.31	96.0
823	2/18/2012 2:46:19	10.04	45.19	29.09	9.00	7.87	7.2	2.32	96.1
824	2/18/2012 3:01:20	10.08	44.99	28.95	9.04	7.86	6.5	2.33	96.6
825	2/18/2012 3:16:20	10.03	45.45	29.28	8.98	7.86	7.9	2.38	96.0
826	2/18/2012 3:31:20	10.00	45.80	29.52	8.97	7.83	9.2	2.41	96.0
827	2/18/2012 3:46:20	9.98	45.95	29.63	8.99	7.83	9.1	2.47	96.2
828	2/18/2012 4:01:20	9.98	45.71	29.46	9.01	7.83	9.4	2.53	96.3
829	2/18/2012 4:16:20	9.98	46.03	29.68	8.99	7.83	8.5	2.59	96.2
830	2/18/2012 4:31:20	9.96	46.09	29.73	9.01	7.83	8.5	2.66	96.4
831	2/18/2012 4:46:19	9.93	46.60	30.09	9.01	7.93	8.6	2.73	96.6
832	2/18/2012 5:01:19	9.91	46.42	29.96	9.04	7.93	8.5	2.80	96.8
833	2/18/2012 5:16:20	9.90	46.95	30.34	9.02	7.84	7.9	2.87	96.8
834	2/18/2012 5:31:20	9.88	47.05	30.41	9.03	7.84	8.3	2.95	96.9
835	2/18/2012 5:46:20	9.87	47.65	30.84	9.03	7.85	7.8	3.01	97.2
836	2/18/2012 6:01:20	9.87	48.09	31.15	9.04	7.89	9.5	3.09	97.5
837	2/18/2012 6:16:20	9.87	48.36	31.35	9.04	7.89	10.3	3.17	97.5
838	2/18/2012 6:31:20	9.87	48.42	31.39	9.04	7.89	11.9	3.24	97.6
839	2/18/2012 6:46:20	9.86	48.57	31.50	9.07	7.90	13.6	3.32	98.0
840	2/18/2012 7:01:20	9.83	48.74	31.62	9.10	7.90	13.4	3.39	98.3
841	2/18/2012 7:16:20	9.81	48.79	31.65	9.11	7.90	12.2	3.49	98.4
842	2/18/2012 7:31:20	9.79	49.05	31.84	9.12	7.90	12.7	3.56	98.5
843	2/18/2012 7:46:20	9.79	49.29	32.02	9.11	7.92	12.8	3.62	98.6
844	2/18/2012 8:01:20	9.77	49.36	32.06	9.11	7.91	11.8	3.70	98.6
845	2/18/2012 8:16:20	9.75	49.57	32.22	9.13	7.91	10.8	3.74	98.8
846	2/18/2012 8:31:20	9.76	49.69	32.30	9.10	7.91	8.6	3.77	98.5
847	2/18/2012 8:46:20	9.76	49.85	32.41	9.00	7.91	8.3	3.78	97.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	2/18/2012 9:01:20	9.76	49.62	32.25	8.98	7.91	8.5	3.79	97.3
849	2/18/2012 9:16:20	9.77	49.88	32.44	8.91	7.91	8.6	3.79	96.7
850	2/18/2012 9:31:20	9.77	49.85	32.42	9.00	7.91	9.8	3.73	97.6
851	2/18/2012 9:46:20	9.87	48.05	31.13	9.17	7.89	7.3	3.68	98.8
852	2/18/2012 10:01:20	9.91	48.27	31.29	9.15	7.90	8.3	3.61	98.8
853	2/18/2012 10:16:20	9.99	48.07	31.15	9.17	7.90	6.8	3.52	99.1
854	2/18/2012 10:31:20	10.02	48.17	31.22	9.19	7.90	6.9	3.43	99.5
855	2/18/2012 10:46:20	10.06	47.76	30.93	9.17	7.89	6.9	3.32	99.1
856	2/18/2012 11:01:20	10.08	48.11	31.18	9.20	7.90	6.5	3.22	99.7
857	2/18/2012 11:16:20	10.10	47.72	30.90	9.20	7.89	7.6	3.13	99.6
858	2/18/2012 11:31:20	10.13	47.58	30.80	9.25	7.90	7.8	3.01	100.1
859	2/18/2012 11:46:20	10.21	47.30	30.61	9.28	7.90	7.6	2.88	100.4
860	2/18/2012 12:01:20	10.29	47.08	30.46	9.31	7.90	9.5	2.77	100.8
861	2/18/2012 12:16:20	10.49	47.45	30.74	9.38	7.92	7.4	2.65	102.2
862	2/18/2012 12:31:20	10.46	46.41	29.99	9.46	7.90	9.5	2.52	102.5
863	2/18/2012 12:46:20	10.70	46.45	30.02	9.89	7.93	8.3	2.36	107.8
864	2/18/2012 13:01:20	10.91	46.39	30.00	9.93	7.96	9.0	2.24	108.7
865	2/18/2012 13:16:20	10.88	46.09	29.78	9.73	7.94	10.2	2.12	106.3
866	2/18/2012 13:31:20	11.00	46.01	29.72	9.87	7.96	10.1	1.94	108.0
867	2/18/2012 13:46:19	10.90	45.52	29.37	9.72	7.95	12.0	1.82	105.9
868	2/18/2012 14:01:19	10.89	45.31	29.22	9.63	7.94	11.7	1.69	104.8
869	2/18/2012 14:16:19	10.89	45.14	29.10	9.62	7.93	11.0	1.54	104.6
870	2/18/2012 14:31:20	10.97	45.03	29.03	9.61	7.91	11.8	1.46	104.7
871	2/18/2012 14:46:20	11.03	44.90	28.94	9.59	7.91	11.5	1.38	104.5
872	2/18/2012 15:01:20	11.05	44.80	28.87	9.56	7.91	11.5	1.30	104.2
873	2/18/2012 15:16:20	11.07	44.84	28.89	9.54	7.91	9.8	1.27	104.0
874	2/18/2012 15:31:19	11.15	44.93	28.96	9.63	7.94	9.2	1.21	105.3
875	2/18/2012 15:46:19	11.11	44.85	28.90	9.60	7.93	9.6	1.28	104.8
876	2/18/2012 16:01:19	11.00	44.93	28.95	9.58	7.92	9.9	1.29	104.3
877	2/18/2012 16:16:20	10.94	44.95	28.97	9.52	7.90	9.4	1.37	103.6
878	2/18/2012 16:31:19	10.94	44.92	28.95	9.52	7.92	9.3	1.44	103.6
879	2/18/2012 16:46:19	10.92	44.78	28.85	9.52	7.92	8.8	1.47	103.5
880	2/18/2012 17:01:19	10.89	44.90	28.93	9.51	7.92	8.6	1.56	103.4
881	2/18/2012 17:16:20	10.89	44.52	28.66	9.47	7.89	8.7	1.60	102.7
882	2/18/2012 17:31:19	10.86	44.62	28.73	9.45	7.91	8.7	1.69	102.5
883	2/18/2012 17:46:19	10.85	44.61	28.72	9.44	7.90	8.8	1.73	102.4
884	2/18/2012 18:01:20	10.83	44.72	28.80	9.42	7.88	8.8	1.82	102.2
885	2/18/2012 18:16:20	10.80	44.83	28.87	9.40	7.88	8.8	1.94	101.9
886	2/18/2012 18:31:20	10.74	44.97	28.97	9.35	7.88	9.5	2.04	101.3
887	2/18/2012 18:46:20	10.67	45.10	29.06	9.31	7.88	11.5	2.13	100.8
888	2/18/2012 19:01:20	10.65	44.94	28.94	9.32	7.88	10.8	2.25	100.7
889	2/18/2012 19:16:20	10.49	45.38	29.25	9.28	7.87	9.6	2.35	100.2
890	2/18/2012 19:31:20	10.40	45.51	29.34	9.27	7.84	9.8	2.45	99.9
891	2/18/2012 19:46:20	10.33	46.04	29.71	9.22	7.84	10.4	2.54	99.5
892	2/18/2012 20:01:19	10.29	46.38	29.95	9.21	7.94	9.8	2.63	99.5
893	2/18/2012 20:16:19	10.25	46.36	29.94	9.22	7.94	12.3	2.72	99.4
894	2/18/2012 20:31:20	10.22	46.67	30.16	9.21	7.85	12.0	2.79	99.4
895	2/18/2012 20:46:19	10.16	46.63	30.13	9.22	7.94	10.7	2.87	99.4
896	2/18/2012 21:01:19	10.12	46.76	30.22	9.26	7.95	11.2	2.93	99.7
897	2/18/2012 21:16:20	10.09	47.16	30.50	9.27	7.86	12.3	3.00	100.0
898	2/18/2012 21:31:20	10.10	47.57	30.79	9.28	7.86	13.0	3.08	100.3
899	2/18/2012 21:46:20	10.09	47.80	30.96	9.38	7.86	12.8	3.12	101.5
900	2/18/2012 22:01:20	10.08	48.20	31.25	9.55	7.87	10.8	3.16	103.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	2/18/2012 22:16:20	10.08	48.50	31.47	9.65	7.91	10.4	3.20	104.8
902	2/18/2012 22:31:20	10.08	48.69	31.60	9.71	7.92	9.1	3.23	105.4
903	2/18/2012 22:46:20	10.08	48.32	31.34	9.59	7.91	8.2	3.24	104.0
904	2/18/2012 23:01:20	10.08	48.81	31.69	9.74	7.92	9.1	3.23	105.8
905	2/18/2012 23:16:20	10.07	48.52	31.48	9.65	7.91	8.3	3.20	104.7
906	2/18/2012 23:31:19	10.08	48.14	31.21	9.53	7.92	10.8	3.15	103.2
907	2/18/2012 23:46:19	10.06	47.59	30.81	9.40	7.91	10.3	3.10	101.5
908	2/19/2012 0:01:19	10.02	47.09	30.45	9.19	7.90	11.8	3.03	98.9
909	2/19/2012 0:16:20	9.84	46.73	30.18	9.15	7.85	9.9	2.95	98.0
910	2/19/2012 0:31:20	9.76	46.80	30.22	9.14	7.85	9.4	2.89	97.7
911	2/19/2012 0:46:20	9.79	46.73	30.18	9.15	7.85	9.5	2.82	97.8
912	2/19/2012 1:01:20	9.86	46.46	29.99	9.14	7.84	9.1	2.71	97.8
913	2/19/2012 1:16:20	9.82	46.49	30.01	9.15	7.84	8.5	2.64	97.8
914	2/19/2012 1:31:20	9.62	46.61	30.08	9.14	7.83	8.5	2.58	97.3
915	2/19/2012 1:46:20	9.84	45.99	29.65	9.11	7.83	9.5	2.49	97.2
916	2/19/2012 2:01:20	9.87	45.70	29.45	9.13	7.83	9.2	2.41	97.4
917	2/19/2012 2:16:20	9.89	45.63	29.39	9.11	7.83	8.6	2.37	97.2
918	2/19/2012 2:31:20	9.85	45.49	29.29	9.11	7.83	8.3	2.29	96.9
919	2/19/2012 2:46:20	9.83	45.42	29.25	9.09	7.83	8.4	2.24	96.7
920	2/19/2012 3:01:20	9.88	45.25	29.13	9.10	7.83	8.1	2.20	96.9
921	2/19/2012 3:16:20	9.95	45.20	29.09	9.12	7.83	8.0	2.17	97.2
922	2/19/2012 3:31:20	9.92	45.26	29.13	9.04	7.83	7.4	2.17	96.3
923	2/19/2012 3:46:20	9.94	45.44	29.27	9.05	7.83	7.6	2.16	96.5
924	2/19/2012 4:01:20	9.89	45.39	29.22	9.07	7.83	8.1	2.18	96.6
925	2/19/2012 4:16:20	9.94	45.61	29.38	9.11	7.83	8.1	2.22	97.2
926	2/19/2012 4:31:20	9.93	45.64	29.41	9.10	7.83	9.5	2.29	97.2
927	2/19/2012 4:46:20	9.89	45.61	29.38	9.10	7.83	9.8	2.34	97.1
928	2/19/2012 5:01:19	9.87	45.62	29.38	9.10	7.93	9.7	2.42	97.0
929	2/19/2012 5:16:20	9.93	45.98	29.65	9.09	7.83	10.0	2.50	97.2
930	2/19/2012 5:31:20	9.91	46.22	29.82	9.12	7.83	10.1	2.59	97.6
931	2/19/2012 5:46:20	9.85	46.40	29.94	9.16	7.84	11.1	2.64	98.0
932	2/19/2012 6:01:20	9.81	46.61	30.09	9.18	7.84	9.4	2.72	98.2
933	2/19/2012 6:16:20	9.93	47.47	30.71	9.27	7.85	10.9	2.81	99.8
934	2/19/2012 6:31:20	9.85	47.39	30.65	9.32	7.86	9.5	2.88	100.2
935	2/19/2012 6:46:20	9.88	47.93	31.04	9.43	7.86	9.6	2.94	101.6
936	2/19/2012 7:01:20	9.93	48.48	31.44	9.58	7.87	12.2	3.03	103.6
937	2/19/2012 7:16:20	9.90	48.68	31.58	9.66	7.88	12.2	3.11	104.5
938	2/19/2012 7:31:20	9.87	48.75	31.63	9.70	7.88	14.5	3.21	104.9
939	2/19/2012 7:46:20	9.84	48.94	31.77	9.75	7.88	12.9	3.28	105.4
940	2/19/2012 8:01:20	9.77	48.96	31.78	9.77	7.88	13.4	3.37	105.5
941	2/19/2012 8:16:20	9.70	49.29	32.01	9.85	7.89	14.3	3.46	106.4
942	2/19/2012 8:31:20	9.63	49.59	32.22	9.92	7.89	12.6	3.56	107.1
943	2/19/2012 8:46:20	9.59	50.00	32.51	9.98	7.89	14.4	3.61	107.9
944	2/19/2012 9:01:20	9.58	50.12	32.60	10.01	7.89	11.7	3.68	108.3
945	2/19/2012 9:16:20	9.55	50.33	32.75	10.03	7.89	11.4	3.73	108.4
946	2/19/2012 9:31:20	9.54	50.40	32.80	10.02	7.89	8.4	3.77	108.3
947	2/19/2012 9:46:20	9.53	50.41	32.80	9.94	7.89	7.5	3.79	107.4
948	2/19/2012 10:01:20	9.53	50.43	32.82	9.92	7.89	8.5	3.80	107.3
949	2/19/2012 10:16:20	9.53	50.47	32.85	9.95	7.96	9.7	3.76	107.6
950	2/19/2012 10:31:20	9.70	49.82	32.39	10.01	7.90	10.0	3.71	108.3
951	2/19/2012 10:46:20	9.96	49.22	31.97	10.04	7.93	8.6	3.63	109.1
952	2/19/2012 11:01:20	10.00	49.03	31.84	9.92	7.93	8.1	3.56	107.7
953	2/19/2012 11:16:20	9.85	49.19	31.94	9.82	7.89	11.8	3.46	106.3

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	2/19/2012 11:31:20	10.07	48.62	31.55	9.78	7.92	8.4	3.34	106.2
955	2/19/2012 11:46:20	9.96	48.25	31.28	9.61	7.91	12.6	3.22	103.9
956	2/19/2012 12:01:20	10.15	47.79	30.96	9.53	7.90	12.2	3.12	103.3
957	2/19/2012 12:16:20	10.22	47.77	30.95	9.56	7.91	8.6	3.00	103.7
958	2/19/2012 12:31:20	10.41	47.57	30.81	9.64	7.91	7.0	2.89	104.9
959	2/19/2012 12:46:20	10.43	47.41	30.70	9.65	7.91	7.5	2.76	105.1
960	2/19/2012 13:01:20	10.59	47.54	30.80	9.73	7.92	7.1	2.63	106.3
961	2/19/2012 13:16:20	10.62	46.91	30.35	9.83	7.92	7.2	2.51	107.2
962	2/19/2012 13:31:20	10.70	46.93	30.37	9.63	7.93	9.2	2.38	105.2
963	2/19/2012 13:46:20	10.73	46.59	30.13	10.00	7.93	8.6	2.24	109.1
964	2/19/2012 14:01:20	10.84	46.51	30.08	10.14	7.95	8.7	2.10	110.8
965	2/19/2012 14:16:20	10.81	46.25	29.89	9.94	7.95	10.4	1.95	108.4
966	2/19/2012 14:31:20	10.83	46.04	29.74	9.99	7.95	9.8	1.81	109.0
967	2/19/2012 14:46:20	10.82	45.77	29.55	9.88	7.94	9.2	1.68	107.7
968	2/19/2012 15:01:20	10.73	45.48	29.34	9.77	7.92	8.8	1.54	106.0
969	2/19/2012 15:16:20	10.78	45.32	29.22	9.75	7.92	8.7	1.42	105.9
970	2/19/2012 15:31:20	10.82	45.18	29.12	9.78	7.92	8.7	1.32	106.3
971	2/19/2012 15:46:20	10.85	45.03	29.02	9.75	7.92	9.1	1.23	105.9
972	2/19/2012 16:01:20	10.86	44.95	28.96	9.75	7.92	8.6	1.20	105.9
973	2/19/2012 16:16:20	10.87	45.06	29.04	9.75	7.93	9.0	1.18	106.0
974	2/19/2012 16:31:20	10.83	45.06	29.04	9.74	7.92	8.6	1.19	105.7
975	2/19/2012 16:46:20	10.78	45.14	29.09	9.71	7.92	8.4	1.27	105.4
976	2/19/2012 17:01:20	10.74	45.21	29.15	9.70	7.92	7.8	1.33	105.2
977	2/19/2012 17:16:20	10.72	45.21	29.14	9.68	7.91	7.7	1.41	105.0
978	2/19/2012 17:31:20	10.63	44.28	28.48	9.68	7.87	9.5	1.50	104.3
979	2/19/2012 17:46:20	10.63	44.10	28.35	9.64	7.87	8.6	1.56	103.7
980	2/19/2012 18:01:20	10.63	44.43	28.58	9.61	7.86	8.6	1.66	103.7
981	2/19/2012 18:16:20	10.63	44.63	28.72	9.59	7.86	9.1	1.73	103.5
982	2/19/2012 18:31:20	10.61	44.49	28.63	9.58	7.86	9.2	1.82	103.3
983	2/19/2012 18:46:20	10.60	45.07	29.04	9.55	7.86	9.9	1.91	103.3
984	2/19/2012 19:01:20	10.56	45.19	29.12	9.54	7.86	9.3	1.99	103.0
985	2/19/2012 19:16:20	10.49	45.77	29.53	9.47	7.86	9.3	2.08	102.4
986	2/19/2012 19:31:19	10.41	46.38	29.96	9.46	7.96	10.0	2.21	102.4
987	2/19/2012 19:46:20	10.38	46.37	29.95	9.49	7.86	9.7	2.27	102.6
988	2/19/2012 20:01:20	10.33	46.66	30.16	9.53	7.87	9.9	2.39	103.1
989	2/19/2012 20:16:20	10.33	46.88	30.31	9.54	7.87	12.8	2.50	103.3
990	2/19/2012 20:31:20	10.30	46.97	30.38	9.55	7.87	10.8	2.59	103.4
991	2/19/2012 20:46:20	10.27	47.24	30.57	9.57	7.87	14.3	2.69	103.6
992	2/19/2012 21:01:20	10.26	47.32	30.62	9.57	7.87	14.1	2.78	103.7
993	2/19/2012 21:16:19	10.22	47.50	30.76	9.63	7.97	15.3	2.87	104.3
994	2/19/2012 21:31:19	10.20	47.80	30.96	9.66	7.97	15.8	2.96	104.7
995	2/19/2012 21:46:20	10.10	48.53	31.49	9.76	7.88	15.9	3.04	106.0
996	2/19/2012 22:01:20	10.03	48.98	31.80	9.81	7.88	14.8	3.11	106.6
997	2/19/2012 22:16:20	9.99	49.23	31.98	9.83	7.88	13.6	3.19	106.8
998	2/19/2012 22:31:20	9.95	49.45	32.14	9.84	7.88	12.3	3.25	106.9
999	2/19/2012 22:46:20	9.92	49.47	32.15	9.83	7.88	11.3	3.32	106.8
1000	2/19/2012 23:01:19	9.90	49.78	32.37	9.84	7.98	10.0	3.35	107.0
1001	2/19/2012 23:16:20	9.89	49.69	32.31	9.81	7.89	7.8	3.37	106.6
1002	2/19/2012 23:31:20	9.90	49.82	32.40	9.72	7.88	10.1	3.37	105.7
1003	2/19/2012 23:46:20	9.90	49.77	32.37	9.73	7.88	10.1	3.36	105.8
1004	2/20/2012 0:01:20	10.04	48.40	31.39	9.62	7.91	10.5	3.29	104.2
1005	2/20/2012 0:16:20	10.08	48.07	31.15	9.54	7.90	10.3	3.24	103.4
1006	2/20/2012 0:31:20	10.03	48.48	31.45	9.60	7.87	10.1	3.16	104.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1007	2/20/2012 0:46:20	10.14	47.66	30.87	9.47	7.90	11.5	3.05	102.5
1008	2/20/2012 1:01:20	10.16	47.55	30.79	9.42	7.89	10.1	2.96	102.0
1009	2/20/2012 1:16:20	10.15	47.75	30.93	9.42	7.86	8.7	2.88	102.0
1010	2/20/2012 1:31:20	10.16	47.40	30.68	9.41	7.86	9.0	2.78	101.8
1011	2/20/2012 1:46:20	10.16	47.42	30.69	9.39	7.85	8.5	2.72	101.5
1012	2/20/2012 2:01:20	10.20	46.89	30.31	9.38	7.86	11.0	2.61	101.3
1013	2/20/2012 2:16:20	10.17	47.05	30.43	9.36	7.85	8.6	2.52	101.1
1014	2/20/2012 2:31:20	10.22	46.59	30.10	9.32	7.85	8.7	2.46	100.6
1015	2/20/2012 2:46:20	10.21	46.43	29.99	9.29	7.84	7.9	2.36	100.2
1016	2/20/2012 3:01:20	10.20	46.24	29.85	9.25	7.84	7.8	2.29	99.6
1017	2/20/2012 3:16:20	10.23	46.06	29.72	9.24	7.84	8.1	2.22	99.5
1018	2/20/2012 3:31:20	10.24	45.90	29.61	9.23	7.84	7.8	2.16	99.3
1019	2/20/2012 3:46:20	10.26	45.78	29.52	9.20	7.84	7.5	2.11	99.0
1020	2/20/2012 4:01:20	10.26	45.76	29.51	9.24	7.84	7.2	2.09	99.4
1021	2/20/2012 4:16:20	10.23	45.91	29.61	9.06	7.83	6.5	2.04	97.5
1022	2/20/2012 4:31:20	10.25	45.85	29.58	9.18	7.84	7.2	2.07	98.8
1023	2/20/2012 4:46:20	10.25	46.10	29.75	9.20	7.84	8.2	2.09	99.2
1024	2/20/2012 5:01:20	10.25	45.96	29.65	9.23	7.84	7.6	2.10	99.4
1025	2/20/2012 5:16:20	10.25	45.93	29.63	9.22	7.84	8.0	2.18	99.2
1026	2/20/2012 5:31:19	10.25	46.11	29.76	9.27	7.94	9.8	2.24	99.9
1027	2/20/2012 5:46:20	10.23	45.97	29.66	9.27	7.84	8.5	2.31	99.8
1028	2/20/2012 6:01:20	10.22	46.23	29.84	9.24	7.84	9.4	2.40	99.6
1029	2/20/2012 6:16:20	10.21	46.39	29.96	9.30	7.84	10.5	2.47	100.2
1030	2/20/2012 6:31:19	10.17	46.59	30.10	9.32	7.95	10.2	2.55	100.5
1031	2/20/2012 6:46:20	10.15	47.17	30.51	9.39	7.85	9.5	2.65	101.4
1032	2/20/2012 7:01:19	10.15	47.21	30.54	9.44	7.95	10.7	2.72	102.0
1033	2/20/2012 7:16:20	10.14	47.62	30.84	9.49	7.86	10.6	2.80	102.7
1034	2/20/2012 7:31:20	10.13	47.84	30.99	9.50	7.86	9.7	2.89	102.9
1035	2/20/2012 7:46:19	10.10	47.93	31.06	9.54	7.96	10.7	2.98	103.3
1036	2/20/2012 8:01:20	10.05	48.33	31.34	9.56	7.87	13.4	3.07	103.6
1037	2/20/2012 8:16:19	10.02	48.46	31.43	9.59	7.97	13.2	3.15	103.9
1038	2/20/2012 8:31:19	9.98	48.62	31.55	9.62	7.97	12.6	3.24	104.2
1039	2/20/2012 8:46:20	9.96	48.90	31.74	9.62	7.87	11.5	3.34	104.3
1040	2/20/2012 9:01:20	9.92	49.23	31.98	9.64	7.87	11.7	3.43	104.6
1041	2/20/2012 9:16:20	9.89	49.38	32.09	9.64	7.88	11.7	3.51	104.6
1042	2/20/2012 9:31:20	9.85	49.81	32.40	9.65	7.88	12.0	3.59	104.8
1043	2/20/2012 9:46:20	9.82	49.79	32.37	9.66	7.88	11.8	3.66	104.8
1044	2/20/2012 10:01:19	9.79	50.10	32.60	9.64	7.98	10.4	3.72	104.7
1045	2/20/2012 10:16:20	9.78	50.29	32.74	9.63	7.88	9.2	3.76	104.7
1046	2/20/2012 10:31:20	9.78	50.33	32.76	9.56	7.88	7.9	3.79	103.9
1047	2/20/2012 10:46:20	9.81	50.18	32.66	9.52	7.88	8.2	3.80	103.5
1048	2/20/2012 11:01:20	9.79	50.34	32.77	9.50	7.88	8.6	3.80	103.3
1049	2/20/2012 11:16:20	9.79	50.34	32.77	9.53	7.95	9.7	3.75	103.6
1050	2/20/2012 11:31:19	9.98	49.48	32.16	9.70	7.98	11.7	3.68	105.5
1051	2/20/2012 11:46:19	10.03	49.40	32.11	9.84	7.98	7.9	3.62	107.1
1052	2/20/2012 12:01:20	10.07	49.42	32.13	9.72	7.88	7.6	3.51	105.9
1053	2/20/2012 12:16:20	10.14	49.10	31.90	9.67	7.88	7.9	3.40	105.4
1054	2/20/2012 12:31:19	10.19	48.79	31.68	9.68	7.97	7.3	3.28	105.4
1055	2/20/2012 12:46:20	10.27	48.50	31.48	9.67	7.87	7.0	3.16	105.4
1056	2/20/2012 13:01:19	10.35	48.16	31.24	9.65	7.97	8.0	3.04	105.1
1057	2/20/2012 13:16:20	10.43	47.99	31.12	9.69	7.87	7.2	2.93	105.7
1058	2/20/2012 13:31:20	10.52	47.98	31.11	9.73	7.88	7.5	2.79	106.3
1059	2/20/2012 13:46:20	10.61	47.68	30.91	9.73	7.88	7.4	2.66	106.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	2/20/2012 14:01:20	10.74	47.63	30.88	9.73	7.89	8.9	2.52	106.8
1061	2/20/2012 14:16:20	10.88	47.84	31.04	9.85	7.94	7.9	2.39	108.5
1062	2/20/2012 14:31:20	10.84	47.27	30.62	9.89	7.94	8.4	2.25	108.6
1063	2/20/2012 14:46:20	10.81	46.63	30.16	9.81	7.88	8.4	2.10	107.3
1064	2/20/2012 15:01:20	10.89	46.53	30.09	9.93	7.90	9.4	1.95	108.7
1065	2/20/2012 15:16:19	10.91	46.36	29.98	9.77	7.99	8.8	1.82	107.0
1066	2/20/2012 15:31:19	10.96	46.02	29.73	9.75	7.98	8.9	1.67	106.6
1067	2/20/2012 15:46:19	10.95	45.93	29.67	9.65	7.97	8.7	1.54	105.4
1068	2/20/2012 16:01:20	10.99	45.71	29.51	9.58	7.87	8.5	1.42	104.7
1069	2/20/2012 16:16:19	11.03	45.44	29.32	9.56	7.97	8.9	1.33	104.5
1070	2/20/2012 16:31:19	11.08	45.33	29.25	9.53	7.96	13.9	1.25	104.2
1071	2/20/2012 16:46:20	11.10	45.34	29.25	9.48	7.87	10.2	1.20	103.7
1072	2/20/2012 17:01:20	11.08	45.39	29.29	9.51	7.87	11.2	1.21	104.1
1073	2/20/2012 17:16:19	11.03	45.46	29.33	9.53	7.97	8.5	1.25	104.2
1074	2/20/2012 17:31:20	11.00	45.59	29.43	9.54	7.86	9.3	1.32	104.3
1075	2/20/2012 17:46:19	10.99	45.55	29.39	9.55	7.98	8.1	1.40	104.4
1076	2/20/2012 18:01:20	10.97	45.45	29.32	9.55	7.86	9.0	1.47	104.2
1077	2/20/2012 18:16:20	10.96	44.98	28.99	9.53	7.85	9.3	1.56	103.8
1078	2/20/2012 18:31:20	10.96	44.70	28.79	9.51	7.85	9.2	1.63	103.4
1079	2/20/2012 18:46:20	10.94	44.90	28.93	9.48	7.84	9.5	1.72	103.2
1080	2/20/2012 19:01:20	10.93	44.94	28.96	9.48	7.84	9.7	1.80	103.1
1081	2/20/2012 19:16:20	10.92	44.88	28.92	9.47	7.84	9.4	1.87	103.0
1082	2/20/2012 19:31:20	10.89	45.36	29.26	9.46	7.85	8.7	1.98	103.0
1083	2/20/2012 19:46:20	10.81	45.77	29.55	9.45	7.84	9.5	2.08	102.9
1084	2/20/2012 20:01:19	10.69	46.49	30.06	9.44	7.97	9.5	2.18	102.9
1085	2/20/2012 20:16:20	10.65	46.58	30.12	9.46	7.85	10.2	2.29	103.1
1086	2/20/2012 20:31:20	10.60	46.92	30.36	9.50	7.85	11.0	2.39	103.5
1087	2/20/2012 20:46:20	10.58	47.09	30.48	9.52	7.85	11.2	2.51	103.8
1088	2/20/2012 21:01:20	10.57	47.22	30.57	9.53	7.86	11.2	2.61	103.9
1089	2/20/2012 21:16:20	10.52	47.29	30.62	9.52	7.85	11.6	2.72	103.7
1090	2/20/2012 21:31:20	10.47	47.47	30.74	9.51	7.85	12.8	2.82	103.6
1091	2/20/2012 21:46:20	10.41	47.69	30.90	9.54	7.85	16.9	2.90	103.9
1092	2/20/2012 22:01:20	10.38	47.91	31.06	9.56	7.86	14.7	3.00	104.1
1093	2/20/2012 22:16:20	10.32	48.23	31.28	9.58	7.86	13.7	3.08	104.4
1094	2/20/2012 22:31:20	10.21	48.93	31.78	9.61	7.87	13.9	3.17	104.8
1095	2/20/2012 22:46:20	10.16	49.23	31.99	9.61	7.87	12.6	3.24	104.8
1096	2/20/2012 23:01:20	10.13	49.38	32.10	9.61	7.87	11.9	3.31	104.8
1097	2/20/2012 23:16:20	10.12	49.41	32.12	9.60	7.87	11.0	3.39	104.7
1098	2/20/2012 23:31:20	10.09	49.63	32.28	9.58	7.88	9.8	3.43	104.5
1099	2/20/2012 23:46:20	10.08	49.61	32.27	9.54	7.88	8.0	3.46	104.0
1100	2/21/2012 0:01:20	10.15	49.25	32.01	9.53	7.87	8.3	3.47	103.9
1101	2/21/2012 0:16:20	10.10	49.61	32.26	9.47	7.88	9.1	3.46	103.3
1102	2/21/2012 0:31:20	10.09	49.61	32.26	9.50	7.88	8.7	3.42	103.7
1103	2/21/2012 0:46:20	10.28	48.56	31.52	9.40	7.86	11.5	3.35	102.5
1104	2/21/2012 1:01:20	10.36	48.07	31.17	9.35	7.85	10.2	3.27	101.9
1105	2/21/2012 1:16:20	10.35	48.14	31.22	9.39	7.85	10.1	3.20	102.3
1106	2/21/2012 1:31:20	10.36	48.18	31.25	9.38	7.85	9.4	3.10	102.3
1107	2/21/2012 1:46:20	10.37	48.08	31.18	9.38	7.85	9.7	2.99	102.2
1108	2/21/2012 2:01:20	10.40	47.90	31.05	9.34	7.85	9.3	2.91	101.8
1109	2/21/2012 2:16:20	10.43	47.75	30.94	9.29	7.84	8.4	2.82	101.3
1110	2/21/2012 2:31:20	10.43	47.69	30.90	9.30	7.84	8.4	2.70	101.4
1111	2/21/2012 2:46:20	10.53	47.04	30.44	9.31	7.84	10.3	2.60	101.4
1112	2/21/2012 3:01:20	10.50	47.25	30.59	9.24	7.83	9.0	2.51	100.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1113	2/21/2012 3:16:20	10.58	46.73	30.22	9.18	7.83	8.1	2.42	99.9
1114	2/21/2012 3:31:20	10.60	46.64	30.16	9.15	7.83	7.8	2.31	99.6
1115	2/21/2012 3:46:20	10.63	46.42	30.00	9.11	7.82	7.9	2.21	99.1
1116	2/21/2012 4:01:20	10.68	46.01	29.71	9.12	7.82	7.6	2.17	99.1
1117	2/21/2012 4:16:20	10.71	45.93	29.65	9.10	7.82	7.5	2.08	98.9
1118	2/21/2012 4:31:20	10.71	45.93	29.65	9.05	7.82	7.7	2.01	98.4
1119	2/21/2012 4:46:20	10.73	45.85	29.60	9.02	7.82	7.5	1.99	98.1
1120	2/21/2012 5:01:20	10.73	45.73	29.52	9.01	7.81	7.0	1.97	98.0
1121	2/21/2012 5:16:20	10.71	46.04	29.74	9.08	7.82	7.0	1.97	98.8
1122	2/21/2012 5:31:20	10.70	46.01	29.71	9.12	7.82	8.0	1.99	99.2
1123	2/21/2012 5:46:20	10.69	46.09	29.77	9.13	7.82	7.9	2.02	99.3
1124	2/21/2012 6:01:20	10.69	46.07	29.76	9.11	7.82	8.5	2.09	99.1
1125	2/21/2012 6:16:20	10.69	46.13	29.80	9.15	7.82	8.8	2.16	99.5
1126	2/21/2012 6:31:20	10.69	45.74	29.52	9.13	7.82	8.9	2.23	99.1
1127	2/21/2012 6:46:20	10.68	45.76	29.53	9.11	7.82	8.9	2.32	98.9
1128	2/21/2012 7:01:20	10.66	46.11	29.78	9.15	7.82	9.8	2.42	99.4
1129	2/21/2012 7:16:20	10.59	46.59	30.13	9.17	7.82	11.0	2.52	99.8
1130	2/21/2012 7:31:20	10.54	46.85	30.30	9.19	7.83	8.9	2.58	100.0
1131	2/21/2012 7:46:20	10.48	47.29	30.61	9.28	7.84	9.4	2.68	101.1
1132	2/21/2012 8:01:20	10.46	47.42	30.71	9.33	7.84	9.5	2.78	101.6
1133	2/21/2012 8:16:20	10.44	47.68	30.90	9.37	7.85	8.4	2.84	102.1
1134	2/21/2012 8:31:20	10.43	47.80	30.98	9.36	7.85	8.3	2.92	102.0
1135	2/21/2012 8:46:20	10.38	47.99	31.11	9.37	7.85	9.4	3.01	102.1
1136	2/21/2012 9:01:20	10.33	48.30	31.34	9.38	7.85	11.0	3.11	102.2
1137	2/21/2012 9:16:20	10.29	48.45	31.44	9.37	7.85	12.3	3.17	102.1
1138	2/21/2012 9:31:19	10.22	48.48	31.46	9.40	7.98	14.1	3.27	102.3
1139	2/21/2012 9:46:20	10.20	48.91	31.77	9.41	7.86	11.7	3.36	102.5
1140	2/21/2012 10:01:20	10.18	48.98	31.82	9.40	7.87	10.7	3.44	102.4
1141	2/21/2012 10:16:20	10.10	49.42	32.13	9.37	7.87	11.9	3.52	102.1
1142	2/21/2012 10:31:20	10.03	49.74	32.35	9.33	7.87	11.7	3.60	101.6
1143	2/21/2012 10:46:20	10.01	49.92	32.48	9.29	7.87	9.9	3.66	101.4
1144	2/21/2012 11:01:20	9.99	50.09	32.61	9.27	7.96	9.1	3.72	101.1
1145	2/21/2012 11:16:20	9.99	50.10	32.61	9.27	7.88	7.7	3.76	101.1
1146	2/21/2012 11:31:20	10.07	49.84	32.43	9.31	7.88	7.8	3.77	101.6
1147	2/21/2012 11:46:20	9.99	50.11	32.62	9.19	7.87	8.0	3.77	100.3
1148	2/21/2012 12:01:20	9.99	50.16	32.65	9.18	7.88	9.0	3.73	100.2
1149	2/21/2012 12:16:20	10.24	49.54	32.23	9.40	7.88	9.0	3.66	102.9
1150	2/21/2012 12:31:20	10.51	49.12	31.93	9.67	7.89	8.4	3.58	106.2
1151	2/21/2012 12:46:20	10.60	49.02	31.87	9.48	7.88	8.8	3.50	104.3
1152	2/21/2012 13:01:20	10.64	48.81	31.72	9.50	7.88	8.0	3.38	104.6
1153	2/21/2012 13:16:20	10.68	48.54	31.53	9.55	7.87	8.8	3.26	105.0
1154	2/21/2012 13:31:20	10.76	48.45	31.47	9.58	7.87	7.8	3.14	105.5
1155	2/21/2012 13:46:20	10.85	48.28	31.35	9.65	7.88	8.1	3.02	106.3
1156	2/21/2012 14:01:19	11.01	47.84	31.04	9.65	7.98	7.3	2.91	106.6
1157	2/21/2012 14:16:20	11.02	47.89	31.08	9.70	7.87	7.5	2.77	107.2
1158	2/21/2012 14:31:20	11.15	47.51	30.81	9.71	7.88	8.1	2.64	107.4
1159	2/21/2012 14:46:19	11.28	47.37	30.72	9.82	7.99	8.8	2.52	108.9
1160	2/21/2012 15:01:20	11.38	47.32	30.69	9.84	7.89	8.9	2.37	109.3
1161	2/21/2012 15:16:20	11.45	47.05	30.49	9.82	7.88	8.3	2.23	109.1
1162	2/21/2012 15:31:19	11.53	46.62	30.19	9.97	7.98	8.9	2.10	110.7
1163	2/21/2012 15:46:20	11.67	46.72	30.27	9.93	7.90	7.9	1.94	110.6
1164	2/21/2012 16:01:20	11.69	46.48	30.10	9.88	7.89	8.2	1.80	110.0
1165	2/21/2012 16:16:19	11.72	46.21	29.91	9.75	7.98	7.6	1.68	108.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	2/21/2012 16:31:20	11.75	46.06	29.80	9.71	7.88	7.2	1.54	108.1
1167	2/21/2012 16:46:20	11.81	45.93	29.71	9.67	7.87	7.1	1.43	107.6
1168	2/21/2012 17:01:20	11.86	45.79	29.61	9.63	7.87	6.7	1.35	107.3
1169	2/21/2012 17:16:19	11.91	45.50	29.40	9.59	7.97	6.4	1.28	106.8
1170	2/21/2012 17:31:19	11.87	45.75	29.58	9.62	7.97	6.8	1.29	107.2
1171	2/21/2012 17:46:19	11.88	45.70	29.55	9.64	7.97	6.5	1.31	107.5
1172	2/21/2012 18:01:20	11.82	45.79	29.61	9.63	7.87	6.5	1.35	107.2
1173	2/21/2012 18:16:20	11.79	45.82	29.63	9.62	7.87	6.7	1.44	107.0
1174	2/21/2012 18:31:19	11.76	45.86	29.66	9.63	7.97	6.6	1.52	107.1
1175	2/21/2012 18:46:20	11.73	45.95	29.72	9.59	7.87	7.0	1.60	106.7
1176	2/21/2012 19:01:20	11.80	45.32	29.27	9.51	7.85	9.0	1.68	105.6
1177	2/21/2012 19:16:20	11.80	45.22	29.20	9.49	7.84	9.3	1.75	105.4
1178	2/21/2012 19:31:20	11.77	45.23	29.20	9.50	7.84	8.3	1.85	105.4
1179	2/21/2012 19:46:20	11.74	45.47	29.37	9.49	7.85	8.3	1.92	105.3
1180	2/21/2012 20:01:20	11.72	45.44	29.35	9.48	7.85	8.0	2.00	105.1
1181	2/21/2012 20:16:20	11.61	45.81	29.61	9.47	7.85	8.7	2.12	105.0
1182	2/21/2012 20:31:20	11.55	45.76	29.57	9.48	7.84	10.6	2.23	104.9
1183	2/21/2012 20:46:20	11.25	46.81	30.32	9.43	7.85	8.8	2.31	104.2
1184	2/21/2012 21:01:20	11.20	46.91	30.38	9.47	7.85	8.9	2.44	104.6
1185	2/21/2012 21:16:20	11.20	46.74	30.26	9.50	7.85	9.0	2.56	104.8
1186	2/21/2012 21:31:20	11.13	47.06	30.49	9.49	7.85	10.3	2.64	104.7
1187	2/21/2012 21:46:20	11.04	47.47	30.78	9.46	7.85	10.8	2.76	104.4
1188	2/21/2012 22:01:19	10.98	47.65	30.90	9.44	7.97	11.9	2.86	104.1
1189	2/21/2012 22:16:19	10.87	47.76	30.98	9.47	7.97	14.4	2.95	104.2
1190	2/21/2012 22:31:19	10.81	48.01	31.15	9.48	7.97	14.5	3.05	104.3
1191	2/21/2012 22:46:19	10.77	48.26	31.33	9.49	7.98	13.9	3.12	104.4
1192	2/21/2012 23:01:19	10.63	48.86	31.75	9.56	7.99	13.7	3.20	105.2
1193	2/21/2012 23:16:19	10.55	49.25	32.03	9.62	8.00	13.1	3.29	105.8
1194	2/21/2012 23:31:20	10.52	49.40	32.14	9.61	7.89	11.7	3.35	105.7
1195	2/21/2012 23:46:19	10.48	49.53	32.23	9.61	8.01	10.4	3.41	105.7
1196	2/22/2012 0:01:19	10.46	49.53	32.23	9.61	8.02	9.3	3.48	105.7
1197	2/22/2012 0:16:19	10.42	49.60	32.28	9.61	8.02	7.7	3.50	105.6
1198	2/22/2012 0:31:19	10.51	49.38	32.13	9.54	8.01	7.8	3.51	104.9
1199	2/22/2012 0:46:19	10.44	49.66	32.32	9.50	8.01	7.4	3.52	104.5
1200	2/22/2012 1:01:19	10.42	49.73	32.37	9.58	8.02	9.4	3.48	105.3
1201	2/22/2012 1:16:20	10.46	49.60	32.28	9.55	7.90	10.2	3.40	105.0
1202	2/22/2012 1:31:19	10.74	48.21	31.29	9.38	7.98	10.4	3.33	103.2
1203	2/22/2012 1:46:19	10.66	48.73	31.67	9.43	7.98	10.0	3.25	103.7
1204	2/22/2012 2:01:20	10.66	48.83	31.73	9.46	7.88	8.4	3.14	104.1
1205	2/22/2012 2:16:19	10.82	47.97	31.12	9.37	7.97	9.0	3.05	103.1
1206	2/22/2012 2:31:19	10.85	47.99	31.14	9.32	7.97	8.9	2.95	102.7
1207	2/22/2012 2:46:20	10.89	47.88	31.07	9.26	7.85	8.9	2.84	102.0
1208	2/22/2012 3:01:20	10.92	47.74	30.97	9.27	7.85	8.5	2.76	102.1
1209	2/22/2012 3:16:19	10.91	47.71	30.94	9.22	7.95	7.9	2.64	101.6
1210	2/22/2012 3:31:19	11.06	47.03	30.46	9.22	7.95	8.9	2.53	101.6
1211	2/22/2012 3:46:19	11.23	46.50	30.09	9.17	7.83	9.5	2.44	101.1
1212	2/22/2012 4:01:19	11.25	46.44	30.05	9.12	7.93	7.9	2.31	100.5
1213	2/22/2012 4:16:19	11.31	46.35	29.98	9.13	7.93	8.6	2.24	100.8
1214	2/22/2012 4:31:19	11.28	46.40	30.02	9.15	7.93	7.5	2.13	101.0
1215	2/22/2012 4:46:19	11.34	46.29	29.95	9.10	7.93	7.2	2.04	100.5
1216	2/22/2012 5:01:19	11.39	46.19	29.87	9.09	7.93	6.8	1.98	100.4
1217	2/22/2012 5:16:20	11.44	46.13	29.84	9.07	7.82	6.8	1.91	100.4
1218	2/22/2012 5:31:20	11.47	46.01	29.75	9.04	7.82	6.4	1.87	100.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1219	2/22/2012 5:46:19	11.50	45.88	29.66	9.02	7.92	6.6	1.85	99.8
1220	2/22/2012 6:01:19	11.47	45.97	29.72	9.04	7.93	6.2	1.85	100.0
1221	2/22/2012 6:16:19	11.43	46.05	29.78	9.10	7.93	6.6	1.88	100.6
1222	2/22/2012 6:31:19	11.42	46.04	29.77	9.10	7.93	7.6	1.91	100.5
1223	2/22/2012 6:46:19	11.40	46.06	29.79	9.12	7.93	7.3	1.97	100.8
1224	2/22/2012 7:01:19	11.38	46.11	29.82	9.14	7.93	7.6	2.04	100.9
1225	2/22/2012 7:16:19	11.36	45.85	29.63	9.10	7.92	8.2	2.12	100.3
1226	2/22/2012 7:31:19	11.36	45.66	29.50	9.09	7.92	8.1	2.22	100.1
1227	2/22/2012 7:46:19	11.32	45.98	29.72	9.08	7.92	8.8	2.33	100.1
1228	2/22/2012 8:01:19	11.23	46.40	30.02	9.12	7.93	9.2	2.41	100.5
1229	2/22/2012 8:16:19	11.14	46.78	30.28	9.14	7.94	8.4	2.49	100.7
1230	2/22/2012 8:31:19	11.04	47.20	30.58	9.20	7.95	8.8	2.58	101.3
1231	2/22/2012 8:46:19	10.99	47.36	30.69	9.29	7.96	8.1	2.68	102.3
1232	2/22/2012 9:01:19	10.95	47.64	30.89	9.32	7.96	8.1	2.76	102.7
1233	2/22/2012 9:16:20	10.94	47.75	30.98	9.31	7.85	7.9	2.84	102.6
1234	2/22/2012 9:31:20	10.89	47.91	31.08	9.31	7.85	9.0	2.92	102.6
1235	2/22/2012 9:46:20	10.83	48.15	31.26	9.30	7.86	9.6	3.01	102.4
1236	2/22/2012 10:01:20	10.78	48.29	31.36	9.33	7.86	10.1	3.10	102.7
1237	2/22/2012 10:16:20	10.68	48.53	31.52	9.38	7.87	12.6	3.18	103.2
1238	2/22/2012 10:31:20	10.65	48.68	31.63	9.40	7.87	11.5	3.27	103.4
1239	2/22/2012 10:46:20	10.62	48.85	31.75	9.43	7.88	10.6	3.34	103.8
1240	2/22/2012 11:01:20	10.54	49.18	31.99	9.44	7.88	10.6	3.44	103.8
1241	2/22/2012 11:16:19	10.38	49.59	32.27	9.49	8.00	10.9	3.50	104.2
1242	2/22/2012 11:31:20	10.35	49.78	32.41	9.48	7.89	9.0	3.56	104.1
1243	2/22/2012 11:46:20	10.29	49.98	32.55	9.47	7.89	8.5	3.65	104.0
1244	2/22/2012 12:01:20	10.25	50.11	32.64	9.45	7.90	7.3	3.67	103.7
1245	2/22/2012 12:16:20	10.37	49.76	32.39	9.48	7.89	7.1	3.66	104.1
1246	2/22/2012 12:31:19	10.27	50.07	32.61	9.39	8.01	7.8	3.67	103.1
1247	2/22/2012 12:46:19	10.27	50.06	32.60	9.44	8.01	8.9	3.63	103.6
1248	2/22/2012 13:01:20	10.54	49.46	32.19	9.53	7.89	10.1	3.54	105.0
1249	2/22/2012 13:16:20	10.65	49.16	31.98	9.51	7.89	11.2	3.46	104.8
1250	2/22/2012 13:31:20	10.68	49.30	32.08	9.53	7.89	11.4	3.37	105.1
1251	2/22/2012 13:46:20	10.78	48.93	31.81	9.51	7.89	11.1	3.25	105.0
1252	2/22/2012 14:01:20	10.88	48.39	31.43	9.47	7.88	10.1	3.14	104.5
1253	2/22/2012 14:16:20	10.96	48.28	31.36	9.47	7.87	10.3	3.05	104.6
1254	2/22/2012 14:31:19	11.02	48.11	31.24	9.47	7.98	8.5	2.93	104.7
1255	2/22/2012 14:46:20	11.20	47.77	31.00	9.52	7.87	8.8	2.82	105.5
1256	2/22/2012 15:01:20	11.29	47.42	30.76	9.50	7.87	9.6	2.69	105.4
1257	2/22/2012 15:16:19	11.34	47.23	30.62	9.50	7.97	9.8	2.54	105.4
1258	2/22/2012 15:31:19	11.40	47.16	30.57	9.90	7.98	10.4	2.42	110.0
1259	2/22/2012 15:46:19	11.46	47.12	30.55	9.63	7.98	11.4	2.29	107.0
1260	2/22/2012 16:01:20	11.56	46.86	30.37	9.68	7.87	10.3	2.16	107.7
1261	2/22/2012 16:16:20	11.63	46.91	30.41	9.66	7.90	10.1	2.03	107.7
1262	2/22/2012 16:31:20	11.69	46.86	30.37	9.67	7.90	10.4	1.87	107.9
1263	2/22/2012 16:46:20	11.76	46.48	30.10	9.54	7.87	11.9	1.77	106.4
1264	2/22/2012 17:01:20	11.78	46.36	30.01	9.46	7.86	10.9	1.64	105.5
1265	2/22/2012 17:16:20	11.84	46.20	29.90	9.42	7.86	10.5	1.53	105.1
1266	2/22/2012 17:31:19	11.91	45.89	29.68	9.39	7.95	10.6	1.44	104.8
1267	2/22/2012 17:46:19	11.96	45.89	29.68	9.36	7.95	9.9	1.42	104.6
1268	2/22/2012 18:01:19	11.98	45.72	29.56	9.33	7.95	9.7	1.37	104.2
1269	2/22/2012 18:16:19	11.94	45.80	29.62	9.33	7.95	8.9	1.36	104.2
1270	2/22/2012 18:31:19	11.91	45.93	29.72	9.36	7.95	10.3	1.44	104.4
1271	2/22/2012 18:46:19	11.87	46.00	29.76	9.32	7.95	10.8	1.50	104.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1272	2/22/2012 19:01:20	11.86	46.04	29.79	9.30	7.84	9.4	1.51	103.8
1273	2/22/2012 19:16:19	11.85	45.89	29.68	9.34	7.95	9.5	1.62	104.1
1274	2/22/2012 19:31:19	11.82	45.87	29.67	9.32	7.94	10.0	1.70	103.8
1275	2/22/2012 19:46:20	11.84	45.15	29.15	9.30	7.82	10.1	1.77	103.3
1276	2/22/2012 20:01:20	11.80	45.89	29.68	9.28	7.83	9.6	1.87	103.4
1277	2/22/2012 20:16:19	11.77	45.87	29.66	9.27	7.94	8.9	1.96	103.2
1278	2/22/2012 20:31:19	11.72	46.08	29.81	9.30	7.95	9.3	2.06	103.5
1279	2/22/2012 20:46:19	11.58	46.48	30.09	9.30	7.95	9.1	2.16	103.3
1280	2/22/2012 21:01:20	11.53	46.30	29.96	9.31	7.84	8.9	2.27	103.2
1281	2/22/2012 21:16:20	11.38	46.97	30.44	9.31	7.85	9.2	2.38	103.2
1282	2/22/2012 21:31:20	11.36	47.23	30.62	9.36	7.85	8.2	2.46	103.9
1283	2/22/2012 21:46:20	11.32	47.30	30.67	9.43	7.86	8.5	2.58	104.6
1284	2/22/2012 22:01:20	11.27	47.49	30.80	9.41	7.86	10.0	2.68	104.3
1285	2/22/2012 22:16:20	11.21	47.63	30.90	9.40	7.86	10.9	2.76	104.1
1286	2/22/2012 22:31:20	11.13	47.80	31.02	9.39	7.86	11.0	2.86	103.9
1287	2/22/2012 22:46:20	11.06	47.83	31.04	9.39	7.86	11.5	2.98	103.8
1288	2/22/2012 23:01:20	10.94	48.05	31.19	9.43	7.87	14.9	3.06	104.1
1289	2/22/2012 23:16:20	10.86	48.34	31.39	9.46	7.87	12.8	3.13	104.3
1290	2/22/2012 23:31:20	10.77	48.60	31.58	9.49	7.88	14.1	3.22	104.6
1291	2/22/2012 23:46:20	10.60	49.26	32.04	9.62	7.89	15.8	3.28	105.9
1292	2/23/2012 0:01:20	10.49	49.57	32.26	9.72	7.90	12.3	3.35	107.0
1293	2/23/2012 0:16:20	10.42	49.75	32.39	9.77	7.91	9.5	3.42	107.4
1294	2/23/2012 0:31:20	10.39	49.92	32.51	9.77	7.91	7.6	3.46	107.4
1295	2/23/2012 0:46:20	10.37	49.97	32.54	9.75	7.91	7.6	3.49	107.2
1296	2/23/2012 1:01:20	10.41	49.78	32.41	9.69	7.91	6.7	3.51	106.5
1297	2/23/2012 1:16:20	10.37	49.93	32.51	9.69	7.91	7.9	3.51	106.5
1298	2/23/2012 1:31:20	10.36	49.97	32.54	9.71	7.91	8.4	3.47	106.7
1299	2/23/2012 1:46:20	10.37	49.41	32.14	9.60	7.90	16.9	3.40	105.3
1300	2/23/2012 2:01:20	10.46	49.11	31.93	9.59	7.89	14.2	3.34	105.2
1301	2/23/2012 2:16:20	10.29	49.61	32.28	9.63	7.90	12.0	3.25	105.5
1302	2/23/2012 2:31:20	10.42	49.31	32.07	9.60	7.90	10.7	3.15	105.3
1303	2/23/2012 2:46:20	10.54	48.64	31.59	9.51	7.88	9.7	3.06	104.3
1304	2/23/2012 3:01:20	10.73	48.12	31.23	9.39	7.87	12.3	2.95	103.2
1305	2/23/2012 3:16:20	10.77	47.93	31.09	9.35	7.86	13.0	2.86	102.8
1306	2/23/2012 3:31:20	10.78	47.80	31.00	9.30	7.86	12.9	2.76	102.2
1307	2/23/2012 3:46:20	10.76	47.64	30.88	9.30	7.86	12.0	2.66	102.0
1308	2/23/2012 4:01:20	10.70	47.53	30.80	9.33	7.85	12.8	2.55	102.2
1309	2/23/2012 4:16:20	10.84	47.03	30.45	9.28	7.85	15.1	2.43	101.7
1310	2/23/2012 4:31:20	10.69	47.26	30.61	9.27	7.84	11.6	2.32	101.3
1311	2/23/2012 4:46:20	10.90	46.78	30.27	9.25	7.84	11.7	2.22	101.4
1312	2/23/2012 5:01:20	10.76	46.93	30.37	9.26	7.84	11.3	2.13	101.3
1313	2/23/2012 5:16:20	10.77	46.83	30.31	9.24	7.84	11.4	2.02	101.0
1314	2/23/2012 5:31:20	10.82	46.67	30.19	9.21	7.84	11.9	1.93	100.8
1315	2/23/2012 5:46:20	10.86	46.56	30.11	9.21	7.84	11.1	1.86	100.8
1316	2/23/2012 6:01:20	10.89	46.42	30.01	9.20	7.83	11.3	1.79	100.6
1317	2/23/2012 6:16:20	10.90	46.33	29.95	9.18	7.83	11.1	1.74	100.4
1318	2/23/2012 6:31:20	10.93	46.27	29.91	9.14	7.83	10.8	1.74	100.0
1319	2/23/2012 6:46:20	10.87	46.25	29.90	9.13	7.83	10.9	1.75	99.8
1320	2/23/2012 7:01:20	10.87	46.36	29.97	9.18	7.83	10.2	1.79	100.4
1321	2/23/2012 7:16:20	10.94	46.35	29.97	9.19	7.83	9.2	1.81	100.6
1322	2/23/2012 7:31:19	10.98	46.31	29.94	9.20	7.95	9.2	1.88	100.8
1323	2/23/2012 7:46:20	10.85	46.05	29.75	9.22	7.83	11.2	1.97	100.6
1324	2/23/2012 8:01:20	10.88	46.11	29.79	9.18	7.82	11.8	2.07	100.3

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1325	2/23/2012 8:16:20	10.83	45.90	29.64	9.17	7.82	12.2	2.13	100.0
1326	2/23/2012 8:31:20	10.90	46.05	29.75	9.16	7.82	12.5	2.24	100.0
1327	2/23/2012 8:46:20	10.85	46.95	30.39	9.22	7.84	15.2	2.34	101.0
1328	2/23/2012 9:01:20	10.86	46.79	30.28	9.20	7.84	12.1	2.40	100.8
1329	2/23/2012 9:16:20	10.83	47.31	30.65	9.24	7.85	10.4	2.49	101.4
1330	2/23/2012 9:31:20	10.80	47.46	30.76	9.28	7.85	9.4	2.58	101.8
1331	2/23/2012 9:46:20	10.76	47.71	30.93	9.34	7.86	8.4	2.67	102.5
1332	2/23/2012 10:01:20	10.76	47.90	31.07	9.37	7.86	8.6	2.74	103.0
1333	2/23/2012 10:16:20	10.76	47.95	31.11	9.39	7.87	8.9	2.83	103.2
1334	2/23/2012 10:31:20	10.73	48.12	31.23	9.41	7.87	9.0	2.92	103.4
1335	2/23/2012 10:46:20	10.65	48.37	31.41	9.46	7.87	11.1	3.01	103.9
1336	2/23/2012 11:01:20	10.62	48.52	31.51	9.47	7.88	12.9	3.07	104.0
1337	2/23/2012 11:16:20	10.50	48.71	31.64	9.59	7.89	14.8	3.16	105.1
1338	2/23/2012 11:31:20	10.45	48.89	31.77	9.63	7.89	12.3	3.23	105.6
1339	2/23/2012 11:46:20	10.43	49.01	31.85	9.67	7.90	10.8	3.30	106.0
1340	2/23/2012 12:01:20	10.36	49.26	32.03	9.71	7.90	12.0	3.36	106.4
1341	2/23/2012 12:16:19	10.25	49.61	32.27	9.80	8.02	11.5	3.41	107.2
1342	2/23/2012 12:31:20	10.21	49.86	32.45	9.86	7.91	10.4	3.45	108.0
	Mean	10.55	46.82	30.28	9.30	7.91	12.23	2.66	101.16
	Minimum	9.33	43.91	28.16	8.60	7.81	5.70	1.18	94.30
	Maximum	12.12	50.47	32.85	10.14	8.06	128.90	4.00	110.80

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
0	2/23/2012 13:01:18	10.30	48.84	31.72	9.54	7.98	7.2	3.293	104.2
1	2/23/2012 13:16:19	10.25	49.05	31.87	9.58	8.00	8.7	3.257	104.6
2	2/23/2012 13:31:18	10.47	48.63	31.59	9.47	7.99	16.2	3.217	103.7
3	2/23/2012 13:46:18	10.73	48.42	31.45	9.66	8.01	21.4	3.169	106.2
4	2/23/2012 14:01:18	10.74	48.56	31.55	9.72	8.02	19.1	3.076	107.0
5	2/23/2012 14:16:18	10.78	48.58	31.56	9.71	8.02	20.2	2.999	107.0
6	2/23/2012 14:31:19	10.81	48.63	31.60	9.74	8.03	18.8	2.886	107.4
7	2/23/2012 14:46:19	10.98	48.30	31.37	9.69	8.02	20.8	2.781	107.1
8	2/23/2012 15:01:19	11.07	48.08	31.22	9.68	8.02	19.6	2.712	107.2
9	2/23/2012 15:16:19	11.22	47.86	31.07	9.61	8.02	22.8	2.596	106.6
10	2/23/2012 15:31:19	11.28	47.69	30.95	9.56	8.00	28.1	2.493	106.1
11	2/23/2012 15:46:18	11.38	47.63	30.91	9.52	8.02	25.9	2.370	105.8
12	2/23/2012 16:01:19	11.39	46.94	30.42	9.42	7.98	26.6	2.250	104.4
13	2/23/2012 16:16:18	11.47	46.76	30.29	9.42	7.98	26.8	2.137	104.5
14	2/23/2012 16:31:18	11.51	46.72	30.26	9.37	7.98	28.0	2.017	104.0
15	2/23/2012 16:46:18	11.51	46.76	30.29	9.34	7.98	29.1	1.911	103.8
16	2/23/2012 17:01:19	11.50	46.87	30.37	9.41	7.99	26.7	1.776	104.5
17	2/23/2012 17:16:18	11.52	46.64	30.21	9.38	7.99	29.8	1.657	104.2
18	2/23/2012 17:31:18	11.54	46.52	30.12	9.34	7.99	29.4	1.552	103.7
19	2/23/2012 17:46:18	11.54	46.49	30.10	9.32	7.98	27.2	1.461	103.4
20	2/23/2012 18:01:19	11.59	46.31	29.97	9.31	7.98	25.0	1.417	103.4
21	2/23/2012 18:16:19	11.62	46.20	29.89	9.31	7.98	24.1	1.339	103.4
22	2/23/2012 18:31:19	11.66	46.07	29.80	9.28	7.97	25.6	1.298	103.1
23	2/23/2012 18:46:18	11.65	45.99	29.74	9.26	7.97	20.9	1.336	102.9
24	2/23/2012 19:01:18	11.63	46.11	29.83	9.27	7.97	22.1	1.352	102.9
25	2/23/2012 19:16:18	11.60	46.17	29.87	9.30	7.97	19.2	1.351	103.3
26	2/23/2012 19:31:19	11.63	46.06	29.79	9.30	7.97	19.0	1.418	103.3
27	2/23/2012 19:46:18	11.65	46.09	29.81	9.27	7.96	21.9	1.500	103.0
28	2/23/2012 20:01:18	11.63	46.17	29.87	9.26	7.96	20.3	1.565	102.8
29	2/23/2012 20:16:19	11.60	45.90	29.68	9.27	7.96	19.1	1.642	102.8
30	2/23/2012 20:31:19	11.59	46.08	29.81	9.23	7.96	18.4	1.736	102.4
31	2/23/2012 20:46:19	11.58	46.11	29.83	9.23	7.96	18.9	1.830	102.4
32	2/23/2012 21:01:18	11.47	46.63	30.19	9.26	7.96	41.6	1.919	102.7
33	2/23/2012 21:16:19	11.46	46.68	30.23	9.24	7.97	20.2	2.014	102.5
34	2/23/2012 21:31:18	11.36	46.74	30.27	9.26	7.97	15.9	2.115	102.5
35	2/23/2012 21:46:19	11.30	47.16	30.57	9.26	7.98	15.1	2.217	102.6
36	2/23/2012 22:01:18	11.25	47.28	30.65	9.33	7.98	16.9	2.306	103.3
37	2/23/2012 22:16:18	11.18	47.55	30.84	9.37	7.99	17.5	2.414	103.7
38	2/23/2012 22:31:19	11.13	47.87	31.07	9.37	8.00	21.7	2.500	103.8
39	2/23/2012 22:46:19	11.07	47.97	31.14	9.35	7.99	19.4	2.599	103.5
40	2/23/2012 23:01:18	11.00	48.16	31.27	9.37	7.99	20.3	2.681	103.6
41	2/23/2012 23:16:18	10.86	48.31	31.37	9.42	8.00	22.2	2.776	103.9
42	2/23/2012 23:31:19	10.74	48.56	31.54	9.46	8.01	18.1	2.869	104.2
43	2/23/2012 23:46:19	10.67	48.79	31.71	9.48	8.01	16.2	2.946	104.3
44	2/24/2012 0:01:19	10.57	49.16	31.97	9.55	8.01	17.4	3.022	105.1
45	2/24/2012 0:16:18	10.43	49.55	32.24	9.66	8.02	16.9	3.103	106.1
46	2/24/2012 0:31:18	10.32	49.86	32.46	9.73	8.02	14.1	3.172	106.8
47	2/24/2012 0:46:18	10.25	50.05	32.60	9.76	8.02	13.4	3.239	107.1
48	2/24/2012 1:01:19	10.18	50.18	32.68	9.77	8.03	11.1	3.268	107.0
49	2/24/2012 1:16:19	10.14	50.27	32.75	9.74	8.03	9.0	3.303	106.8
50	2/24/2012 1:31:19	10.20	50.15	32.66	9.73	8.03	9.0	3.331	106.7
51	2/24/2012 1:46:18	10.18	50.18	32.69	9.72	8.02	10.3	3.307	106.5
52	2/24/2012 2:01:18	10.15	50.24	32.72	9.77	8.02	10.8	3.280	107.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
53	2/24/2012 2:16:19	10.30	49.47	32.18	9.52	8.02	13.2	3.223	104.2
54	2/24/2012 2:31:19	10.52	48.59	31.56	9.35	8.00	11.4	3.146	102.5
55	2/24/2012 2:46:19	10.57	48.61	31.58	9.31	8.00	10.5	3.059	102.1
56	2/24/2012 3:01:18	10.56	48.56	31.54	9.37	8.00	16.7	2.961	102.8
57	2/24/2012 3:16:19	10.64	48.42	31.44	9.27	8.00	13.6	2.868	101.8
58	2/24/2012 3:31:19	10.63	48.40	31.43	9.22	7.99	10.0	2.775	101.2
59	2/24/2012 3:46:19	10.66	48.26	31.32	9.20	7.99	10.0	2.655	101.0
60	2/24/2012 4:01:18	10.69	48.10	31.21	9.18	7.98	11.3	2.562	100.8
61	2/24/2012 4:16:18	10.68	48.03	31.16	9.18	7.98	11.4	2.460	100.7
62	2/24/2012 4:31:18	10.67	47.95	31.10	9.15	7.98	11.0	2.354	100.4
63	2/24/2012 4:46:19	10.66	47.72	30.94	9.12	7.98	11.5	2.237	99.9
64	2/24/2012 5:01:18	10.57	47.73	30.94	9.08	7.97	10.9	2.133	99.2
65	2/24/2012 5:16:19	10.65	47.31	30.64	9.04	7.97	11.5	2.036	98.8
66	2/24/2012 5:31:19	10.59	47.23	30.58	9.02	7.96	11.7	1.923	98.4
67	2/24/2012 5:46:18	10.67	46.83	30.30	9.01	7.96	11.7	1.832	98.3
68	2/24/2012 6:01:19	10.62	46.90	30.34	8.98	7.96	11.4	1.728	97.9
69	2/24/2012 6:16:19	10.66	46.81	30.28	8.97	7.96	11.6	1.658	97.9
70	2/24/2012 6:31:18	10.69	46.79	30.27	8.95	7.96	11.2	1.601	97.7
71	2/24/2012 6:46:19	10.68	46.70	30.20	8.94	7.96	10.5	1.537	97.5
72	2/24/2012 7:01:19	10.70	46.61	30.14	8.96	7.96	10.4	1.525	97.7
73	2/24/2012 7:16:19	10.67	46.70	30.20	8.99	7.96	10.3	1.510	98.0
74	2/24/2012 7:31:19	10.68	46.71	30.21	9.00	7.96	10.2	1.498	98.1
75	2/24/2012 7:46:19	10.69	46.71	30.21	8.98	7.96	10.5	1.563	97.9
76	2/24/2012 8:01:18	10.77	46.79	30.27	9.00	7.96	10.2	1.629	98.4
77	2/24/2012 8:16:18	10.79	46.84	30.32	9.01	7.96	10.2	1.685	98.6
78	2/24/2012 8:31:19	10.71	46.50	30.06	9.00	7.96	10.8	1.775	98.1
79	2/24/2012 8:46:18	10.72	46.46	30.04	8.98	7.95	10.9	1.856	97.9
80	2/24/2012 9:01:18	10.70	46.42	30.01	8.99	7.95	11.0	1.957	97.9
81	2/24/2012 9:16:18	10.75	46.66	30.18	8.98	7.96	11.6	2.044	98.1
82	2/24/2012 9:31:18	10.77	46.92	30.37	9.01	7.96	10.9	2.120	98.5
83	2/24/2012 9:46:18	10.73	47.30	30.64	9.05	7.97	9.9	2.206	99.0
84	2/24/2012 10:01:19	10.75	47.80	31.00	9.13	7.98	10.3	2.308	100.2
85	2/24/2012 10:16:18	10.78	47.92	31.09	9.19	7.99	9.2	2.377	101.0
86	2/24/2012 10:31:18	10.78	48.09	31.21	9.21	7.99	8.5	2.450	101.3
87	2/24/2012 10:46:19	10.78	48.16	31.26	9.22	8.00	8.7	2.541	101.5
88	2/24/2012 11:01:19	10.73	48.30	31.36	9.24	8.00	9.7	2.612	101.7
89	2/24/2012 11:16:19	10.67	48.47	31.48	9.27	8.00	10.5	2.690	101.9
90	2/24/2012 11:31:18	10.63	48.58	31.56	9.31	8.00	11.1	2.760	102.2
91	2/24/2012 11:46:19	10.57	48.79	31.71	9.36	8.00	11.7	2.832	102.9
92	2/24/2012 12:01:18	10.48	48.91	31.79	9.44	8.00	12.2	2.914	103.5
93	2/24/2012 12:16:19	10.49	49.09	31.92	9.48	8.01	9.8	2.980	104.1
94	2/24/2012 12:31:18	10.46	49.22	32.00	9.51	8.01	9.4	3.035	104.4
95	2/24/2012 12:46:19	10.38	49.42	32.15	9.51	8.01	9.5	3.086	104.3
96	2/24/2012 13:01:18	10.26	49.66	32.31	9.49	8.01	9.8	3.143	103.9
97	2/24/2012 13:16:19	10.16	49.93	32.50	9.43	8.01	10.2	3.166	103.2
98	2/24/2012 13:31:19	10.15	50.02	32.57	9.36	8.01	7.0	3.171	102.4
99	2/24/2012 13:46:18	10.16	49.92	32.49	9.35	8.00	8.1	3.180	102.3
100	2/24/2012 14:01:19	10.14	50.06	32.59	9.36	8.00	8.4	3.160	102.4
101	2/24/2012 14:16:18	10.22	49.81	32.42	9.38	8.00	11.3	3.103	102.7
102	2/24/2012 14:31:18	10.73	49.15	31.97	9.48	8.01	10.1	3.043	104.6
103	2/24/2012 14:46:18	11.06	48.73	31.69	9.59	8.02	9.7	2.957	106.5
104	2/24/2012 15:01:18	11.00	48.75	31.70	9.53	8.02	9.8	2.876	105.6
105	2/24/2012 15:16:19	11.10	48.63	31.62	9.56	8.02	9.0	2.793	106.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
106	2/24/2012 15:31:19	11.14	48.44	31.48	9.55	8.02	8.0	2.683	106.1
107	2/24/2012 15:46:19	11.27	48.28	31.38	9.60	8.03	7.9	2.593	106.8
108	2/24/2012 16:01:18	11.40	48.21	31.33	9.71	8.04	7.2	2.493	108.4
109	2/24/2012 16:16:18	11.46	47.99	31.17	9.67	8.02	7.9	2.393	107.9
110	2/24/2012 16:31:19	11.48	47.65	30.93	9.61	8.02	9.7	2.285	107.1
111	2/24/2012 16:46:18	11.49	47.43	30.77	9.68	8.01	7.8	2.178	107.8
112	2/24/2012 17:01:18	11.53	47.71	30.98	9.86	8.05	7.5	2.057	110.0
113	2/24/2012 17:16:18	11.48	47.50	30.82	9.67	8.03	7.8	1.978	107.7
114	2/24/2012 17:31:18	11.52	47.30	30.68	9.58	8.01	7.8	1.868	106.7
115	2/24/2012 17:46:19	11.56	47.22	30.62	9.60	8.02	7.5	1.770	107.0
116	2/24/2012 18:01:18	11.58	47.14	30.57	9.59	8.02	7.5	1.693	106.9
117	2/24/2012 18:16:18	11.60	47.04	30.49	9.53	8.02	7.3	1.628	106.3
118	2/24/2012 18:31:19	11.62	46.99	30.46	9.46	8.01	7.2	1.572	105.5
119	2/24/2012 18:46:18	11.65	46.87	30.38	9.43	8.01	7.6	1.535	105.1
120	2/24/2012 19:01:19	11.65	46.86	30.37	9.40	8.01	7.0	1.519	104.8
121	2/24/2012 19:16:19	11.62	46.89	30.39	9.40	8.01	8.4	1.503	104.7
122	2/24/2012 19:31:19	11.62	46.92	30.41	9.46	8.01	7.9	1.534	105.4
123	2/24/2012 19:46:18	11.60	46.88	30.38	9.45	8.00	7.9	1.564	105.2
124	2/24/2012 20:01:18	11.60	46.93	30.41	9.43	8.00	9.0	1.614	105.0
125	2/24/2012 20:16:18	11.57	46.99	30.46	9.44	8.00	8.7	1.676	105.1
126	2/24/2012 20:31:18	11.57	46.83	30.35	9.43	8.00	9.9	1.751	104.9
127	2/24/2012 20:46:19	11.58	46.76	30.29	9.43	8.00	8.3	1.839	105.0
128	2/24/2012 21:01:19	11.55	46.91	30.40	9.39	8.00	9.2	1.928	104.5
129	2/24/2012 21:16:18	11.55	46.92	30.41	9.38	7.99	8.2	2.013	104.3
130	2/24/2012 21:31:18	11.52	47.04	30.49	9.37	8.00	7.8	2.100	104.3
131	2/24/2012 21:46:19	11.46	47.40	30.75	9.39	8.00	8.3	2.192	104.6
132	2/24/2012 22:01:19	11.34	47.71	30.97	9.38	8.00	7.8	2.266	104.3
133	2/24/2012 22:16:18	11.24	47.87	31.08	9.36	8.00	7.6	2.363	103.9
134	2/24/2012 22:31:18	11.16	48.01	31.17	9.36	8.00	7.6	2.436	103.8
135	2/24/2012 22:46:18	11.12	48.02	31.18	9.35	8.00	7.8	2.527	103.6
136	2/24/2012 23:01:19	11.12	48.13	31.26	9.38	8.01	7.9	2.609	104.0
137	2/24/2012 23:16:19	11.08	48.26	31.35	9.40	8.01	8.6	2.693	104.2
138	2/24/2012 23:31:19	11.02	48.43	31.47	9.42	8.01	10.1	2.777	104.3
139	2/24/2012 23:46:19	10.92	48.53	31.54	9.40	8.01	10.8	2.859	103.9
140	2/25/2012 0:01:19	10.82	48.77	31.70	9.38	8.01	12.6	2.953	103.6
141	2/25/2012 0:16:19	10.66	49.05	31.90	9.41	8.01	13.6	3.021	103.7
142	2/25/2012 0:31:19	10.56	49.27	32.05	9.41	8.01	12.5	3.092	103.6
143	2/25/2012 0:46:18	10.46	49.50	32.21	9.38	8.00	11.6	3.180	103.2
144	2/25/2012 1:01:18	10.24	49.92	32.50	9.31	7.99	13.0	3.230	102.0
145	2/25/2012 1:16:19	10.14	50.20	32.70	9.25	8.00	10.6	3.292	101.3
146	2/25/2012 1:31:19	10.10	50.30	32.76	9.21	7.99	8.8	3.323	100.8
147	2/25/2012 1:46:19	10.08	50.34	32.79	9.15	7.99	7.6	3.358	100.1
148	2/25/2012 2:01:19	10.08	50.35	32.80	9.10	7.99	7.6	3.365	99.6
149	2/25/2012 2:16:18	10.07	50.33	32.79	9.13	7.99	8.1	3.358	99.8
150	2/25/2012 2:31:18	10.10	50.22	32.70	9.18	7.99	10.2	3.309	100.4
151	2/25/2012 2:46:19	10.22	49.65	32.30	9.27	8.00	14.5	3.235	101.5
152	2/25/2012 3:01:18	10.06	49.92	32.49	9.27	7.99	15.9	3.178	101.2
153	2/25/2012 3:16:19	10.14	49.81	32.41	9.29	8.00	13.3	3.092	101.6
154	2/25/2012 3:31:19	10.22	49.54	32.22	9.29	8.00	12.7	3.008	101.6
155	2/25/2012 3:46:19	10.37	49.18	31.97	9.30	8.01	12.2	2.915	101.9
156	2/25/2012 4:01:18	10.54	48.61	31.57	9.29	8.00	14.0	2.821	101.9
157	2/25/2012 4:16:18	10.66	48.30	31.35	9.28	8.00	14.7	2.710	101.9
158	2/25/2012 4:31:19	10.70	48.15	31.25	9.25	8.01	14.4	2.619	101.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
159	2/25/2012 4:46:18	10.61	48.17	31.26	9.26	8.00	13.7	2.515	101.5
160	2/25/2012 5:01:18	10.68	47.91	31.08	9.25	8.00	13.3	2.396	101.4
161	2/25/2012 5:16:19	10.62	47.91	31.07	9.26	8.00	13.3	2.305	101.4
162	2/25/2012 5:31:19	10.54	47.83	31.01	9.25	8.00	14.5	2.218	101.1
163	2/25/2012 5:46:19	10.44	47.90	31.06	9.24	8.00	14.1	2.088	100.8
164	2/25/2012 6:01:19	10.53	47.77	30.96	9.27	8.00	15.7	1.974	101.3
165	2/25/2012 6:16:19	10.56	47.61	30.85	9.27	8.01	16.4	1.893	101.3
166	2/25/2012 6:31:19	10.52	47.53	30.79	9.27	8.00	15.9	1.809	101.1
167	2/25/2012 6:46:19	10.59	47.41	30.71	9.25	8.00	15.0	1.697	101.0
168	2/25/2012 7:01:19	10.61	47.27	30.61	9.23	8.00	13.9	1.651	100.8
169	2/25/2012 7:16:19	10.65	47.20	30.56	9.19	8.00	13.0	1.589	100.4
170	2/25/2012 7:31:19	10.59	47.05	30.45	9.16	8.00	14.7	1.527	99.9
171	2/25/2012 7:46:19	10.58	47.01	30.43	9.11	8.00	12.8	1.539	99.3
172	2/25/2012 8:01:18	10.54	47.00	30.41	9.13	8.00	12.9	1.534	99.4
173	2/25/2012 8:16:19	10.59	47.03	30.44	9.22	8.00	13.0	1.553	100.5
174	2/25/2012 8:31:19	10.63	47.08	30.47	9.21	8.00	11.9	1.598	100.5
175	2/25/2012 8:46:19	10.63	47.03	30.44	9.21	8.00	13.4	1.663	100.5
176	2/25/2012 9:01:19	10.64	47.06	30.46	9.20	8.00	13.7	1.693	100.4
177	2/25/2012 9:16:18	10.61	46.94	30.37	9.21	7.99	13.4	1.813	100.4
178	2/25/2012 9:31:19	10.64	47.02	30.43	9.21	7.99	12.4	1.876	100.4
179	2/25/2012 9:46:18	10.59	46.65	30.17	9.24	7.99	11.7	1.954	100.5
180	2/25/2012 10:01:19	10.62	46.77	30.25	9.23	7.99	10.9	2.021	100.6
181	2/25/2012 10:16:19	10.64	46.69	30.20	9.24	7.99	11.1	2.097	100.7
182	2/25/2012 10:31:19	10.62	46.72	30.22	9.27	7.99	10.9	2.203	101.0
183	2/25/2012 10:46:19	10.67	47.34	30.67	9.19	7.99	9.4	2.268	100.5
184	2/25/2012 11:01:19	10.66	47.79	30.98	9.18	7.99	9.1	2.325	100.6
185	2/25/2012 11:16:18	10.64	47.86	31.03	9.22	7.99	9.7	2.426	101.0
186	2/25/2012 11:31:18	10.65	48.10	31.21	9.29	8.00	8.3	2.479	101.9
187	2/25/2012 11:46:19	10.67	48.19	31.28	9.28	8.00	7.6	2.555	101.9
188	2/25/2012 12:01:19	10.70	48.26	31.32	9.31	8.01	7.7	2.621	102.3
189	2/25/2012 12:16:19	10.66	48.33	31.38	9.29	8.00	7.9	2.675	102.0
190	2/25/2012 12:31:18	10.65	48.45	31.46	9.28	8.00	7.6	2.745	102.0
191	2/25/2012 12:46:19	10.61	48.58	31.56	9.28	8.00	7.9	2.805	101.9
192	2/25/2012 13:01:18	10.58	48.70	31.64	9.28	8.00	8.5	2.860	101.9
193	2/25/2012 13:16:19	10.53	48.83	31.73	9.26	8.00	8.0	2.883	101.6
194	2/25/2012 13:31:18	10.45	48.90	31.78	9.27	8.00	8.3	2.969	101.6
195	2/25/2012 13:46:18	10.42	49.00	31.85	9.27	8.00	7.0	2.950	101.6
196	2/25/2012 14:01:18	10.42	49.02	31.86	9.18	8.00	5.5	2.966	100.6
197	2/25/2012 14:16:19	10.42	49.04	31.87	9.12	7.99	6.1	2.991	100.0
198	2/25/2012 14:31:19	10.42	49.01	31.85	9.15	8.00	6.8	2.952	100.3
199	2/25/2012 14:46:19	10.44	48.99	31.84	9.20	8.00	7.7	2.956	100.9
200	2/25/2012 15:01:19	10.61	48.72	31.66	9.30	8.01	9.8	2.909	102.2
201	2/25/2012 15:16:19	10.74	48.67	31.63	9.40	8.02	10.6	2.833	103.6
202	2/25/2012 15:31:19	10.83	48.61	31.58	9.55	8.03	12.0	2.811	105.5
203	2/25/2012 15:46:19	10.88	48.57	31.56	9.68	8.05	10.9	2.722	106.9
204	2/25/2012 16:01:18	10.85	48.57	31.56	9.69	8.04	12.5	2.659	107.0
205	2/25/2012 16:16:19	10.83	48.57	31.56	9.80	8.05	12.5	2.584	108.1
206	2/25/2012 16:31:19	10.80	48.56	31.55	9.87	8.06	13.1	2.504	108.9
207	2/25/2012 16:46:19	10.80	48.22	31.31	9.79	8.05	15.0	2.417	107.8
208	2/25/2012 17:01:19	10.81	47.75	30.97	9.61	8.03	16.2	2.346	105.6
209	2/25/2012 17:16:18	10.74	47.85	31.03	9.87	8.05	15.1	2.240	108.3
210	2/25/2012 17:31:18	10.82	47.51	30.80	9.51	8.02	16.7	2.165	104.4
211	2/25/2012 17:46:18	10.78	47.55	30.82	9.64	8.03	16.8	2.070	105.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	2/25/2012 18:01:19	10.68	47.62	30.87	9.64	8.05	16.9	1.951	105.6
213	2/25/2012 18:16:19	10.64	47.56	30.82	9.59	8.05	17.7	1.928	104.9
214	2/25/2012 18:31:19	10.63	47.44	30.73	9.58	8.05	18.3	1.836	104.7
215	2/25/2012 18:46:19	10.62	47.43	30.73	9.55	8.05	17.8	1.793	104.4
216	2/25/2012 19:01:19	10.65	47.33	30.66	9.54	8.04	16.6	1.703	104.3
217	2/25/2012 19:16:19	10.66	47.31	30.64	9.52	8.04	14.9	1.665	104.1
218	2/25/2012 19:31:19	10.68	47.16	30.53	9.53	8.03	14.7	1.650	104.2
219	2/25/2012 19:46:19	10.75	47.04	30.45	9.49	8.03	15.0	1.644	103.8
220	2/25/2012 20:01:19	10.64	47.13	30.51	9.47	8.03	14.0	1.643	103.4
221	2/25/2012 20:16:19	10.71	47.08	30.48	9.48	8.03	15.1	1.673	103.6
222	2/25/2012 20:31:18	10.72	47.08	30.48	9.45	8.01	15.2	1.730	103.4
223	2/25/2012 20:46:19	10.78	47.05	30.46	9.38	8.01	19.1	1.772	102.7
224	2/25/2012 21:01:19	10.78	47.08	30.49	9.39	8.01	16.2	1.823	102.8
225	2/25/2012 21:16:19	10.74	46.88	30.33	9.40	8.01	16.0	1.897	102.8
226	2/25/2012 21:31:19	10.75	46.92	30.37	9.38	8.00	14.9	1.948	102.5
227	2/25/2012 21:46:19	10.79	46.93	30.38	9.37	8.00	14.1	2.074	102.5
228	2/25/2012 22:01:19	10.84	46.99	30.42	9.34	8.00	14.8	2.129	102.4
229	2/25/2012 22:16:18	10.79	47.45	30.75	9.34	8.00	19.0	2.213	102.5
230	2/25/2012 22:31:18	10.73	47.58	30.84	9.33	8.00	12.5	2.290	102.2
231	2/25/2012 22:46:19	10.67	47.84	31.02	9.34	8.01	11.4	2.383	102.4
232	2/25/2012 23:01:19	10.58	47.85	31.03	9.38	8.01	12.0	2.464	102.7
233	2/25/2012 23:16:19	10.50	48.04	31.16	9.42	8.01	11.5	2.546	103.0
234	2/25/2012 23:31:18	10.53	48.44	31.44	9.40	8.01	12.0	2.621	103.0
235	2/25/2012 23:46:18	10.47	48.78	31.69	9.40	8.01	13.0	2.691	103.0
236	2/26/2012 0:01:18	10.36	48.88	31.75	9.44	8.01	15.4	2.764	103.3
237	2/26/2012 0:16:18	10.27	48.93	31.79	9.47	8.01	13.2	2.862	103.4
238	2/26/2012 0:31:18	10.21	49.06	31.88	9.49	8.01	13.1	2.957	103.5
239	2/26/2012 0:46:18	10.08	49.23	31.99	9.57	8.01	11.9	2.993	104.2
240	2/26/2012 1:01:18	10.02	49.43	32.13	9.58	8.01	11.6	3.094	104.3
241	2/26/2012 1:16:18	9.96	49.53	32.20	9.61	8.02	10.5	3.135	104.6
242	2/26/2012 1:31:19	9.90	49.89	32.46	9.71	8.03	10.6	3.232	105.6
243	2/26/2012 1:46:19	9.85	50.07	32.58	9.79	8.03	10.3	3.268	106.4
244	2/26/2012 2:01:19	9.78	50.31	32.75	9.91	8.03	9.1	3.328	107.7
245	2/26/2012 2:16:19	9.74	50.39	32.81	9.89	8.03	7.8	3.305	107.5
246	2/26/2012 2:31:19	9.73	50.41	32.82	9.86	8.03	8.0	3.302	107.1
247	2/26/2012 2:46:19	9.69	50.61	32.96	10.00	8.03	9.8	3.271	108.6
248	2/26/2012 3:01:19	9.71	50.52	32.90	9.98	8.03	10.8	3.243	108.4
249	2/26/2012 3:16:19	9.63	48.94	31.75	9.43	8.01	13.0	3.191	101.5
250	2/26/2012 3:31:19	9.93	48.88	31.73	9.30	8.01	9.4	3.137	100.7
251	2/26/2012 3:46:19	9.88	48.93	31.76	9.33	8.01	7.9	3.063	101.0
252	2/26/2012 4:01:19	9.93	48.89	31.73	9.31	8.01	8.4	3.012	100.9
253	2/26/2012 4:16:19	9.95	48.94	31.77	9.34	8.01	11.4	2.918	101.3
254	2/26/2012 4:31:19	9.96	48.90	31.74	9.31	8.01	9.8	2.869	100.9
255	2/26/2012 4:46:19	9.92	48.65	31.57	9.28	8.01	8.3	2.726	100.4
256	2/26/2012 5:01:19	9.96	48.59	31.52	9.24	8.00	8.8	2.676	100.1
257	2/26/2012 5:16:19	9.93	48.44	31.41	9.23	8.00	9.2	2.573	99.8
258	2/26/2012 5:31:18	9.96	48.08	31.15	9.23	8.00	11.6	2.464	99.7
259	2/26/2012 5:46:19	9.96	47.82	30.97	9.23	8.00	15.1	2.346	99.6
260	2/26/2012 6:01:18	9.86	47.97	31.07	9.19	8.00	10.6	2.242	99.0
261	2/26/2012 6:16:19	9.86	48.05	31.13	9.19	8.00	10.3	2.161	99.1
262	2/26/2012 6:31:18	9.94	47.75	30.92	9.20	8.00	11.4	2.050	99.1
263	2/26/2012 6:46:19	9.82	47.85	30.98	9.20	8.00	11.0	1.947	99.0
264	2/26/2012 7:01:19	9.83	47.69	30.87	9.18	8.00	11.7	1.885	98.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	2/26/2012 7:16:19	9.67	47.77	30.91	9.16	8.00	9.8	1.724	98.2
266	2/26/2012 7:31:19	9.70	47.55	30.76	9.18	8.00	9.9	1.687	98.4
267	2/26/2012 7:46:19	9.63	47.50	30.71	9.16	8.00	9.4	1.627	98.0
268	2/26/2012 8:01:19	9.60	47.38	30.63	9.19	8.00	10.0	1.567	98.2
269	2/26/2012 8:16:19	9.55	47.30	30.56	9.18	8.01	8.8	1.569	97.9
270	2/26/2012 8:31:19	9.55	47.27	30.55	9.15	8.01	8.9	1.508	97.5
271	2/26/2012 8:46:19	9.56	47.28	30.56	9.22	8.01	8.9	1.532	98.4
272	2/26/2012 9:01:19	9.58	47.28	30.55	9.22	8.01	8.5	1.539	98.4
273	2/26/2012 9:16:19	9.64	47.33	30.59	9.22	8.00	8.4	1.563	98.5
274	2/26/2012 9:31:19	9.62	47.28	30.56	9.23	8.00	9.8	1.642	98.6
275	2/26/2012 9:46:19	9.59	47.15	30.46	9.23	8.00	9.5	1.699	98.4
276	2/26/2012 10:01:19	9.65	47.19	30.49	9.21	8.00	9.4	1.785	98.4
277	2/26/2012 10:16:19	9.68	47.21	30.51	9.18	8.00	9.1	1.830	98.2
278	2/26/2012 10:31:19	9.73	47.24	30.53	9.15	7.99	9.0	1.891	97.9
279	2/26/2012 10:46:19	9.76	47.30	30.58	9.14	7.99	9.4	1.960	97.9
280	2/26/2012 11:01:19	9.83	47.66	30.85	9.15	7.99	10.3	2.035	98.3
281	2/26/2012 11:16:18	9.87	47.85	30.98	9.16	7.99	8.6	2.112	98.6
282	2/26/2012 11:31:18	9.89	47.87	31.00	9.18	7.99	7.6	2.197	98.9
283	2/26/2012 11:46:19	9.95	48.16	31.21	9.19	8.00	8.2	2.262	99.3
284	2/26/2012 12:01:19	10.01	48.31	31.33	9.25	8.00	7.3	2.304	100.2
285	2/26/2012 12:16:19	10.07	48.50	31.46	9.27	8.01	7.0	2.372	100.6
286	2/26/2012 12:31:19	10.07	48.58	31.52	9.30	8.01	7.0	2.451	100.9
287	2/26/2012 12:46:19	10.06	48.59	31.53	9.31	8.01	6.4	2.493	101.0
288	2/26/2012 13:01:19	10.03	48.58	31.52	9.32	8.01	6.8	2.549	101.1
289	2/26/2012 13:16:19	10.01	48.75	31.64	9.33	8.01	7.0	2.597	101.2
290	2/26/2012 13:31:19	10.00	48.86	31.72	9.35	8.01	6.2	2.661	101.5
291	2/26/2012 13:46:19	10.00	48.87	31.73	9.35	8.01	5.9	2.692	101.4
292	2/26/2012 14:01:19	9.96	48.84	31.70	9.36	8.01	6.1	2.741	101.5
293	2/26/2012 14:16:19	9.93	49.04	31.85	9.40	8.01	6.1	2.774	101.9
294	2/26/2012 14:31:19	9.92	49.08	31.87	9.43	8.01	6.1	2.792	102.3
295	2/26/2012 14:46:18	9.91	49.06	31.86	9.48	8.01	5.6	2.815	102.7
296	2/26/2012 15:01:19	9.90	49.17	31.93	9.36	8.01	5.4	2.806	101.5
297	2/26/2012 15:16:19	9.90	49.16	31.93	9.33	8.01	6.2	2.818	101.1
298	2/26/2012 15:31:19	9.91	49.07	31.86	9.35	8.00	6.5	2.791	101.3
299	2/26/2012 15:46:18	9.99	48.89	31.74	9.37	8.01	9.1	2.731	101.6
300	2/26/2012 16:01:19	10.05	48.79	31.67	9.62	8.04	7.8	2.706	104.5
301	2/26/2012 16:16:19	10.02	48.80	31.67	9.69	8.05	7.8	2.653	105.2
302	2/26/2012 16:31:19	9.99	48.79	31.67	9.80	8.06	9.2	2.583	106.2
303	2/26/2012 16:46:19	9.96	48.78	31.66	9.78	8.06	8.6	2.529	106.0
304	2/26/2012 17:01:19	9.94	48.76	31.65	9.78	8.05	8.8	2.461	106.0
305	2/26/2012 17:16:19	9.95	48.71	31.61	9.65	8.05	10.4	2.391	104.5
306	2/26/2012 17:31:18	9.81	48.77	31.64	9.95	8.09	8.9	2.310	107.5
307	2/26/2012 17:46:19	9.85	48.33	31.33	10.03	8.06	9.8	2.256	108.2
308	2/26/2012 18:01:19	9.83	47.73	30.90	9.61	8.04	13.4	2.171	103.4
309	2/26/2012 18:16:19	9.73	47.94	31.04	9.75	8.06	11.9	2.096	104.7
310	2/26/2012 18:31:19	9.69	47.89	31.00	9.66	8.05	11.8	2.055	103.6
311	2/26/2012 18:46:19	9.74	47.75	30.90	9.60	8.05	11.5	1.995	103.0
312	2/26/2012 19:01:19	9.64	47.88	30.99	9.67	8.06	11.2	1.935	103.6
313	2/26/2012 19:16:19	9.70	47.72	30.88	9.56	8.04	11.6	1.893	102.5
314	2/26/2012 19:31:19	9.70	47.63	30.81	9.58	8.04	11.3	1.841	102.6
315	2/26/2012 19:46:19	9.74	47.52	30.74	9.56	8.04	10.8	1.803	102.5
316	2/26/2012 20:01:19	9.72	47.39	30.64	9.57	8.04	12.1	1.794	102.5
317	2/26/2012 20:16:19	9.70	47.36	30.62	9.54	8.04	12.6	1.799	102.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
318	2/26/2012 20:31:19	9.68	47.33	30.60	9.48	8.03	11.1	1.803	101.4
319	2/26/2012 20:46:19	9.68	47.36	30.62	9.50	8.04	10.4	1.787	101.6
320	2/26/2012 21:01:19	9.68	47.35	30.61	9.60	8.04	12.2	1.853	102.7
321	2/26/2012 21:16:19	9.73	47.40	30.65	9.51	8.03	11.9	1.901	101.9
322	2/26/2012 21:31:19	9.71	47.41	30.66	9.49	8.02	11.3	1.940	101.6
323	2/26/2012 21:46:19	9.70	47.28	30.56	9.50	8.02	10.8	2.003	101.6
324	2/26/2012 22:01:19	9.75	47.34	30.61	9.46	8.02	10.8	2.074	101.3
325	2/26/2012 22:16:19	9.81	47.44	30.68	9.40	8.01	10.1	2.136	100.9
326	2/26/2012 22:31:18	9.85	47.58	30.79	9.39	8.01	10.1	2.209	101.0
327	2/26/2012 22:46:19	9.90	48.05	31.13	9.41	8.02	10.6	2.292	101.5
328	2/26/2012 23:01:19	9.88	48.11	31.17	9.42	8.02	9.4	2.358	101.5
329	2/26/2012 23:16:19	9.86	48.31	31.31	9.42	8.02	7.9	2.420	101.7
330	2/26/2012 23:31:18	9.83	48.47	31.42	9.45	8.02	7.6	2.487	102.0
331	2/26/2012 23:46:18	9.81	48.99	31.80	9.52	8.01	7.0	2.565	102.9
332	2/27/2012 0:01:19	9.79	49.21	31.96	9.55	8.02	7.9	2.641	103.3
333	2/27/2012 0:16:19	9.75	49.39	32.08	9.59	8.02	8.1	2.704	103.7
334	2/27/2012 0:31:19	9.69	49.61	32.24	9.64	8.02	9.4	2.767	104.2
335	2/27/2012 0:46:19	9.64	49.68	32.29	9.66	8.02	9.2	2.851	104.3
336	2/27/2012 1:01:19	9.59	49.78	32.35	9.69	8.02	8.3	2.918	104.6
337	2/27/2012 1:16:19	9.57	49.82	32.38	9.70	8.02	8.7	2.973	104.7
338	2/27/2012 1:31:19	9.52	49.86	32.40	9.72	8.02	8.1	3.044	104.8
339	2/27/2012 1:46:19	9.43	49.94	32.45	9.75	8.02	7.6	3.092	105.0
340	2/27/2012 2:01:19	9.39	50.02	32.52	9.77	8.02	7.6	3.150	105.1
341	2/27/2012 2:16:19	9.34	50.13	32.59	9.77	8.02	6.9	3.169	105.1
342	2/27/2012 2:31:19	9.30	50.28	32.69	9.75	8.02	6.6	3.194	104.8
343	2/27/2012 2:46:19	9.27	50.34	32.73	9.74	8.02	6.4	3.224	104.7
344	2/27/2012 3:01:18	9.32	50.19	32.63	9.71	8.01	6.4	3.196	104.4
345	2/27/2012 3:16:19	9.27	50.43	32.80	9.73	8.01	7.1	3.169	104.7
346	2/27/2012 3:31:19	9.29	50.35	32.74	9.77	8.02	7.7	3.125	105.1
347	2/27/2012 3:46:19	9.33	50.12	32.58	9.70	8.01	8.1	3.092	104.3
348	2/27/2012 4:01:19	9.32	49.48	32.12	9.49	8.01	8.3	3.012	101.7
349	2/27/2012 4:16:19	9.29	49.29	31.98	9.47	8.02	8.4	2.948	101.3
350	2/27/2012 4:31:19	9.32	49.07	31.82	9.39	8.01	9.6	2.881	100.4
351	2/27/2012 4:46:19	9.32	49.11	31.85	9.42	8.01	9.2	2.814	100.8
352	2/27/2012 5:01:19	9.29	49.13	31.86	9.44	8.01	8.4	2.732	101.0
353	2/27/2012 5:16:19	9.27	48.88	31.69	9.36	8.01	9.0	2.657	99.9
354	2/27/2012 5:31:19	9.24	48.80	31.62	9.32	8.01	7.8	2.579	99.4
355	2/27/2012 5:46:19	9.22	48.78	31.61	9.32	8.01	8.2	2.493	99.3
356	2/27/2012 6:01:19	9.18	48.63	31.50	9.34	8.01	8.9	2.408	99.4
357	2/27/2012 6:16:19	9.00	48.94	31.70	9.31	8.00	7.5	2.320	98.8
358	2/27/2012 6:31:19	9.13	48.33	31.28	9.28	8.01	7.5	2.212	98.5
359	2/27/2012 6:46:19	9.08	48.42	31.34	9.31	8.00	8.3	2.132	98.8
360	2/27/2012 7:01:19	8.95	48.41	31.32	9.27	8.01	7.4	2.019	98.0
361	2/27/2012 7:16:19	8.88	47.97	31.00	9.30	8.01	8.4	1.914	98.0
362	2/27/2012 7:31:19	8.75	47.90	30.94	9.30	8.01	7.8	1.845	97.7
363	2/27/2012 7:46:19	8.70	47.81	30.87	9.31	8.01	7.9	1.762	97.6
364	2/27/2012 8:01:19	8.63	47.66	30.76	9.36	8.02	8.3	1.685	97.9
365	2/27/2012 8:16:19	8.62	47.59	30.71	9.38	8.02	7.6	1.608	98.1
366	2/27/2012 8:31:19	8.63	47.54	30.68	9.39	8.03	7.7	1.578	98.1
367	2/27/2012 8:46:19	8.68	47.48	30.64	9.35	8.03	6.9	1.545	97.9
368	2/27/2012 9:01:19	8.71	47.49	30.64	9.40	8.03	7.0	1.511	98.5
369	2/27/2012 9:16:18	8.70	47.39	30.58	9.37	8.02	6.7	1.493	98.1
370	2/27/2012 9:31:18	8.72	47.50	30.65	9.37	8.02	7.0	1.497	98.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	2/27/2012 9:46:19	8.91	47.67	30.79	9.29	8.02	7.0	1.533	97.9
372	2/27/2012 10:01:18	8.93	47.65	30.78	9.28	8.02	6.5	1.537	97.7
373	2/27/2012 10:16:19	8.97	47.69	30.81	9.31	8.02	6.8	1.583	98.2
374	2/27/2012 10:31:19	8.98	47.69	30.81	9.30	8.02	7.0	1.650	98.1
375	2/27/2012 10:46:19	8.96	47.68	30.80	9.32	8.02	7.0	1.685	98.2
376	2/27/2012 11:01:19	9.00	47.72	30.83	9.30	8.02	7.0	1.734	98.2
377	2/27/2012 11:16:19	9.05	47.73	30.84	9.31	8.02	6.8	1.805	98.3
378	2/27/2012 11:31:19	9.04	47.53	30.69	9.36	8.02	7.2	1.862	98.8
379	2/27/2012 11:46:19	9.05	47.53	30.69	9.34	8.01	6.8	1.923	98.5
380	2/27/2012 12:01:19	9.06	47.54	30.70	9.31	8.01	7.0	1.992	98.3
381	2/27/2012 12:16:19	9.11	47.58	30.74	9.34	8.01	6.7	2.049	98.7
382	2/27/2012 12:31:19	9.12	47.95	31.01	9.31	8.01	6.8	2.125	98.6
383	2/27/2012 12:46:19	9.18	48.24	31.22	9.30	8.01	6.7	2.169	98.8
384	2/27/2012 13:01:19	9.21	48.22	31.20	9.39	8.01	6.5	2.240	99.8
385	2/27/2012 13:16:19	9.27	48.31	31.27	9.39	8.01	6.5	2.289	99.9
386	2/27/2012 13:31:19	9.31	48.48	31.40	9.41	8.01	6.5	2.352	100.3
387	2/27/2012 13:46:19	9.33	48.49	31.40	9.40	8.01	6.2	2.397	100.2
388	2/27/2012 14:01:19	9.34	48.60	31.49	9.37	8.01	5.7	2.452	100.0
389	2/27/2012 14:16:19	9.35	48.63	31.51	9.39	8.01	5.7	2.503	100.3
390	2/27/2012 14:31:19	9.40	48.68	31.55	9.43	8.02	5.7	2.537	100.9
391	2/27/2012 14:46:19	9.42	48.72	31.58	9.42	8.02	5.3	2.566	100.8
392	2/27/2012 15:01:19	9.43	48.77	31.62	9.44	8.02	5.1	2.607	101.1
393	2/27/2012 15:16:19	9.43	48.80	31.64	9.39	8.02	5.0	2.632	100.6
394	2/27/2012 15:31:19	9.43	48.84	31.67	9.34	8.02	5.0	2.650	100.1
395	2/27/2012 15:46:19	9.60	48.65	31.54	9.37	8.02	5.1	2.645	100.7
396	2/27/2012 16:01:19	9.44	48.78	31.62	9.26	8.01	5.0	2.659	99.2
397	2/27/2012 16:16:19	9.42	48.83	31.66	9.24	8.01	4.9	2.649	99.0
398	2/27/2012 16:31:19	9.42	48.81	31.65	9.31	8.01	6.8	2.608	99.7
399	2/27/2012 16:46:19	9.49	48.69	31.56	9.41	8.02	8.1	2.599	100.9
400	2/27/2012 17:01:19	9.63	48.65	31.54	9.61	8.04	12.1	2.564	103.3
401	2/27/2012 17:16:19	9.70	48.61	31.51	9.77	8.08	13.1	2.507	105.1
402	2/27/2012 17:31:19	9.60	48.57	31.49	9.82	8.06	17.3	2.458	105.5
403	2/27/2012 17:46:19	9.47	48.60	31.49	9.76	8.05	14.1	2.406	104.5
404	2/27/2012 18:01:19	9.38	48.45	31.38	9.73	8.05	13.6	2.356	103.9
405	2/27/2012 18:16:19	9.32	48.40	31.34	9.71	8.06	14.1	2.280	103.6
406	2/27/2012 18:31:19	9.25	48.38	31.32	9.73	8.07	14.4	2.228	103.5
407	2/27/2012 18:46:19	9.28	48.05	31.08	9.66	8.05	13.3	2.176	102.8
408	2/27/2012 19:01:19	9.16	48.23	31.21	9.72	8.07	13.3	2.105	103.2
409	2/27/2012 19:16:19	9.18	48.09	31.11	9.69	8.06	12.7	2.052	102.9
410	2/27/2012 19:31:19	9.16	48.03	31.07	9.66	8.05	13.3	2.021	102.4
411	2/27/2012 19:46:18	9.16	48.04	31.07	9.64	8.05	13.7	1.980	102.3
412	2/27/2012 20:01:19	9.23	47.91	30.99	9.61	8.05	12.6	1.949	102.0
413	2/27/2012 20:16:19	9.23	47.87	30.96	9.60	8.05	12.1	1.940	102.0
414	2/27/2012 20:31:19	9.21	47.90	30.97	9.55	8.05	11.3	1.942	101.4
415	2/27/2012 20:46:19	9.20	47.89	30.96	9.60	8.05	11.4	1.931	101.8
416	2/27/2012 21:01:19	9.22	47.87	30.96	9.60	8.05	10.2	1.939	101.9
417	2/27/2012 21:16:19	9.25	47.86	30.95	9.64	8.05	10.9	1.967	102.4
418	2/27/2012 21:31:19	9.24	47.87	30.96	9.61	8.05	9.9	1.990	102.0
419	2/27/2012 21:46:19	9.23	47.84	30.93	9.60	8.04	10.9	2.030	101.9
420	2/27/2012 22:01:19	9.26	47.80	30.90	9.59	8.04	11.9	2.078	101.9
421	2/27/2012 22:16:19	9.25	47.84	30.93	9.58	8.04	10.9	2.107	101.7
422	2/27/2012 22:31:19	9.24	47.72	30.85	9.57	8.03	10.5	2.167	101.5
423	2/27/2012 22:46:19	9.26	47.83	30.93	9.54	8.03	10.4	2.231	101.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	2/27/2012 23:01:19	9.27	47.83	30.93	9.52	8.03	10.5	2.289	101.2
425	2/27/2012 23:16:19	9.33	48.00	31.06	9.48	8.03	10.1	2.346	101.0
426	2/27/2012 23:31:19	9.31	48.25	31.23	9.49	8.03	8.9	2.407	101.1
427	2/27/2012 23:46:19	9.30	48.54	31.44	9.50	8.02	7.8	2.476	101.3
428	2/28/2012 0:01:19	9.26	48.56	31.45	9.53	8.02	8.6	2.533	101.5
429	2/28/2012 0:16:19	9.22	48.60	31.48	9.57	8.02	7.8	2.588	101.9
430	2/28/2012 0:31:19	9.20	49.05	31.80	9.58	8.02	7.1	2.663	102.2
431	2/28/2012 0:46:19	9.19	49.37	32.03	9.60	8.02	6.7	2.723	102.5
432	2/28/2012 1:01:19	9.13	49.73	32.28	9.61	8.01	6.4	2.795	102.6
433	2/28/2012 1:16:19	9.09	50.03	32.50	9.64	8.01	6.5	2.852	103.1
434	2/28/2012 1:31:19	9.06	50.14	32.57	9.66	8.01	6.1	2.914	103.2
435	2/28/2012 1:46:19	9.05	50.19	32.61	9.66	8.01	6.8	2.985	103.2
436	2/28/2012 2:01:19	9.01	50.25	32.65	9.68	8.01	7.8	3.036	103.4
437	2/28/2012 2:16:19	8.98	50.32	32.69	9.68	8.01	7.3	3.090	103.4
438	2/28/2012 2:31:19	8.96	50.42	32.76	9.69	8.01	6.4	3.139	103.5
439	2/28/2012 2:46:18	8.94	50.44	32.78	9.71	8.00	5.7	3.176	103.6
440	2/28/2012 3:01:19	8.94	50.50	32.83	9.68	8.01	5.4	3.209	103.3
441	2/28/2012 3:16:19	8.99	50.13	32.56	9.56	8.01	6.0	3.211	102.0
442	2/28/2012 3:31:19	8.95	50.46	32.80	9.59	8.00	5.9	3.227	102.3
443	2/28/2012 3:46:19	8.95	50.47	32.80	9.59	8.00	5.4	3.227	102.4
444	2/28/2012 4:01:19	8.94	50.48	32.81	9.65	8.00	7.6	3.193	103.0
445	2/28/2012 4:16:19	8.94	49.90	32.39	9.54	8.00	7.0	3.152	101.6
446	2/28/2012 4:31:19	8.97	49.84	32.35	9.54	8.01	6.8	3.107	101.6
447	2/28/2012 4:46:19	8.99	49.63	32.20	9.51	8.01	6.4	3.045	101.3
448	2/28/2012 5:01:19	9.01	49.60	32.18	9.49	8.01	7.4	2.967	101.0
449	2/28/2012 5:16:19	9.00	49.32	31.98	9.44	8.01	6.5	2.906	100.3
450	2/28/2012 5:31:19	8.98	49.39	32.03	9.46	8.01	6.1	2.828	100.5
451	2/28/2012 5:46:19	9.01	49.28	31.95	9.46	8.01	6.3	2.749	100.6
452	2/28/2012 6:01:19	9.01	49.19	31.88	9.44	8.01	7.3	2.670	100.3
453	2/28/2012 6:16:19	9.00	49.11	31.83	9.42	8.01	5.9	2.603	100.0
454	2/28/2012 6:31:18	8.96	49.06	31.79	9.41	8.00	6.2	2.514	99.8
455	2/28/2012 6:46:19	8.91	49.01	31.75	9.39	8.01	6.2	2.429	99.5
456	2/28/2012 7:01:19	8.94	48.63	31.48	9.40	8.01	7.3	2.356	99.5
457	2/28/2012 7:16:19	8.95	48.38	31.30	9.39	8.02	7.8	2.254	99.3
458	2/28/2012 7:31:19	8.81	48.76	31.56	9.39	8.01	7.6	2.177	99.1
459	2/28/2012 7:46:18	8.86	48.24	31.19	9.40	8.01	8.2	2.103	99.1
460	2/28/2012 8:01:19	8.79	48.28	31.21	9.39	8.02	8.6	2.004	98.8
461	2/28/2012 8:16:19	8.79	48.19	31.15	9.40	8.02	8.9	1.924	98.9
462	2/28/2012 8:31:19	8.78	48.16	31.13	9.44	8.02	9.1	1.843	99.3
463	2/28/2012 8:46:19	8.80	48.01	31.02	9.43	8.02	9.2	1.783	99.1
464	2/28/2012 9:01:19	8.80	47.88	30.93	9.42	8.03	8.9	1.715	99.1
465	2/28/2012 9:16:19	8.80	47.85	30.91	9.45	8.03	9.0	1.650	99.4
466	2/28/2012 9:31:19	8.80	47.77	30.85	9.43	8.03	8.6	1.640	99.0
467	2/28/2012 9:46:19	8.83	47.72	30.82	9.42	8.03	9.4	1.610	99.0
468	2/28/2012 10:01:19	8.83	47.74	30.83	9.40	8.03	8.0	1.602	98.8
469	2/28/2012 10:16:19	8.83	47.78	30.86	9.46	8.03	8.3	1.616	99.5
470	2/28/2012 10:31:18	8.84	47.78	30.86	9.49	8.03	8.6	1.632	99.8
471	2/28/2012 10:46:19	8.85	47.87	30.93	9.47	8.03	8.2	1.663	99.7
472	2/28/2012 11:01:19	8.87	47.87	30.93	9.47	8.03	7.7	1.689	99.7
473	2/28/2012 11:16:19	8.84	47.66	30.77	9.49	8.03	8.1	1.739	99.8
474	2/28/2012 11:31:19	8.81	47.40	30.58	9.46	8.02	7.9	1.789	99.2
475	2/28/2012 11:46:19	8.83	47.51	30.67	9.43	8.02	7.8	1.831	99.0
476	2/28/2012 12:01:19	8.87	47.73	30.82	9.40	8.02	7.4	1.879	98.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	2/28/2012 12:16:19	8.83	47.50	30.66	9.37	8.02	7.5	1.917	98.4
478	2/28/2012 12:31:18	8.87	47.61	30.74	9.35	8.01	7.0	1.974	98.4
479	2/28/2012 12:46:19	8.90	47.87	30.93	9.31	8.01	6.5	2.026	98.0
480	2/28/2012 13:01:19	8.87	47.76	30.85	9.38	8.01	7.1	2.065	98.7
481	2/28/2012 13:16:19	8.87	47.87	30.93	9.42	8.01	7.3	2.121	99.2
482	2/28/2012 13:31:19	8.91	48.20	31.16	9.37	8.01	6.8	2.161	98.9
483	2/28/2012 13:46:19	8.96	48.61	31.47	9.36	8.01	6.3	2.205	99.1
484	2/28/2012 14:01:19	8.99	48.75	31.57	9.38	8.01	6.1	2.256	99.4
485	2/28/2012 14:16:19	9.00	48.75	31.57	9.45	8.01	6.1	2.305	100.2
486	2/28/2012 14:31:19	9.00	48.71	31.54	9.52	8.02	6.1	2.356	100.9
487	2/28/2012 14:46:19	9.02	48.97	31.72	9.48	8.02	5.5	2.395	100.7
488	2/28/2012 15:01:19	9.02	49.00	31.75	9.51	8.02	5.2	2.447	101.0
489	2/28/2012 15:16:19	9.03	49.12	31.84	9.51	8.02	5.4	2.483	101.1
490	2/28/2012 15:31:19	9.03	49.22	31.91	9.52	8.02	5.1	2.507	101.2
491	2/28/2012 15:46:19	9.01	49.31	31.97	9.53	8.02	5.2	2.560	101.3
492	2/28/2012 16:01:19	9.01	49.37	32.01	9.52	8.02	4.9	2.585	101.3
493	2/28/2012 16:16:19	9.00	49.40	32.04	9.51	8.02	5.1	2.613	101.2
494	2/28/2012 16:31:19	9.00	49.42	32.05	9.50	8.01	4.7	2.613	101.0
495	2/28/2012 16:46:19	8.97	49.47	32.08	9.49	8.01	4.8	2.619	100.9
496	2/28/2012 17:01:18	8.96	49.37	32.01	9.44	8.01	4.0	2.622	100.3
497	2/28/2012 17:16:19	8.96	49.50	32.10	9.40	8.01	4.3	2.619	100.0
498	2/28/2012 17:31:19	8.95	49.52	32.12	9.41	8.01	4.1	2.608	100.1
499	2/28/2012 17:46:19	8.95	49.50	32.10	9.45	8.01	4.3	2.570	100.4
500	2/28/2012 18:01:19	8.91	49.40	32.03	9.47	8.01	5.7	2.552	100.6
501	2/28/2012 18:16:19	8.88	49.30	31.96	9.50	8.02	6.1	2.538	100.8
502	2/28/2012 18:31:19	8.85	48.78	31.58	9.53	8.02	6.6	2.491	100.8
503	2/28/2012 18:46:19	8.81	48.58	31.43	9.59	8.03	7.1	2.436	101.2
504	2/28/2012 19:01:19	8.78	48.48	31.36	9.66	8.04	7.6	2.421	101.8
505	2/28/2012 19:16:19	8.79	48.43	31.32	9.62	8.04	8.3	2.368	101.3
506	2/28/2012 19:31:19	8.79	48.36	31.28	9.60	8.04	7.5	2.346	101.2
507	2/28/2012 19:46:19	8.80	48.43	31.33	9.53	8.03	7.1	2.326	100.4
508	2/28/2012 20:01:19	8.82	48.57	31.43	9.51	8.03	7.3	2.291	100.3
509	2/28/2012 20:16:18	8.88	48.59	31.45	9.47	8.01	6.5	2.299	100.0
510	2/28/2012 20:31:19	8.89	48.64	31.48	9.39	8.02	6.4	2.283	99.2
511	2/28/2012 20:46:19	8.91	48.80	31.60	9.39	8.02	5.9	2.241	99.4
512	2/28/2012 21:01:19	8.91	48.81	31.60	9.39	8.02	7.0	2.218	99.4
513	2/28/2012 21:16:19	8.90	48.75	31.56	9.40	8.02	5.9	2.210	99.4
514	2/28/2012 21:31:19	8.88	48.72	31.54	9.41	8.02	5.8	2.198	99.5
515	2/28/2012 21:46:19	8.88	48.69	31.51	9.41	8.02	6.1	2.203	99.4
516	2/28/2012 22:01:18	8.87	48.55	31.41	9.44	8.01	6.8	2.212	99.7
517	2/28/2012 22:16:19	8.80	48.46	31.34	9.60	8.03	8.2	2.232	101.2
518	2/28/2012 22:31:19	8.81	48.47	31.36	9.56	8.02	7.6	2.230	100.8
519	2/28/2012 22:46:19	8.86	48.67	31.50	9.43	8.02	7.2	2.269	99.6
520	2/28/2012 23:01:19	8.88	48.78	31.58	9.42	8.01	6.6	2.307	99.6
521	2/28/2012 23:16:19	8.72	48.35	31.26	9.59	8.03	8.1	2.347	100.8
522	2/28/2012 23:31:18	8.73	48.44	31.33	9.58	8.01	9.1	2.401	100.8
523	2/28/2012 23:46:19	8.74	48.73	31.54	9.57	8.01	7.2	2.447	100.8
524	2/29/2012 0:01:19	8.82	49.12	31.82	9.48	8.01	6.2	2.504	100.3
525	2/29/2012 0:16:19	8.80	49.20	31.87	9.54	8.01	6.2	2.556	100.9
526	2/29/2012 0:31:19	8.77	49.19	31.86	9.56	8.02	7.1	2.625	101.1
527	2/29/2012 0:46:19	8.76	49.14	31.83	9.59	8.02	6.6	2.681	101.3
528	2/29/2012 1:01:19	8.73	49.04	31.76	9.60	8.03	6.7	2.742	101.4
529	2/29/2012 1:16:19	8.75	49.19	31.87	9.59	8.02	6.1	2.794	101.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
530	2/29/2012 1:31:19	8.76	49.61	32.17	9.55	8.01	5.3	2.848	101.1
531	2/29/2012 1:46:19	8.76	49.68	32.22	9.53	8.01	5.1	2.902	101.0
532	2/29/2012 2:01:19	8.76	49.75	32.27	9.54	8.01	5.1	2.976	101.0
533	2/29/2012 2:16:19	8.76	49.83	32.32	9.52	8.00	5.0	3.012	100.9
534	2/29/2012 2:31:18	8.72	49.71	32.23	9.53	8.00	4.7	3.061	100.9
535	2/29/2012 2:46:19	8.75	49.90	32.38	9.51	8.00	5.2	3.107	100.8
536	2/29/2012 3:01:19	8.72	49.97	32.43	9.51	8.00	5.1	3.142	100.8
537	2/29/2012 3:16:18	8.70	49.98	32.43	9.46	7.99	4.7	3.170	100.2
538	2/29/2012 3:31:19	8.68	50.11	32.52	9.44	8.00	4.5	3.199	100.0
539	2/29/2012 3:46:18	8.67	50.12	32.53	9.42	7.99	4.5	3.240	99.8
540	2/29/2012 4:01:19	8.68	50.13	32.53	9.39	7.99	4.7	3.244	99.5
541	2/29/2012 4:16:19	8.67	50.24	32.62	9.39	7.99	5.0	3.231	99.5
542	2/29/2012 4:31:19	8.68	50.21	32.59	9.39	7.99	5.1	3.216	99.5
543	2/29/2012 4:46:19	8.69	50.14	32.55	9.41	7.99	5.4	3.204	99.7
544	2/29/2012 5:01:19	8.56	49.67	32.19	9.44	8.00	5.7	3.148	99.5
545	2/29/2012 5:16:19	8.49	49.37	31.97	9.46	8.00	6.1	3.094	99.5
546	2/29/2012 5:31:19	8.54	49.36	31.97	9.44	8.00	6.0	3.056	99.3
547	2/29/2012 5:46:19	8.66	49.49	32.08	9.46	8.00	6.2	2.986	99.9
548	2/29/2012 6:01:19	8.66	49.45	32.05	9.45	8.00	6.3	2.933	99.8
549	2/29/2012 6:16:19	8.63	49.23	31.89	9.42	8.01	6.1	2.852	99.3
550	2/29/2012 6:31:19	8.61	49.08	31.78	9.39	8.01	6.1	2.775	98.9
551	2/29/2012 6:46:19	8.59	49.10	31.79	9.37	8.00	5.7	2.706	98.6
552	2/29/2012 7:01:19	8.57	49.12	31.80	9.36	8.00	5.6	2.634	98.5
553	2/29/2012 7:16:19	8.56	49.05	31.75	9.34	8.00	5.3	2.586	98.1
554	2/29/2012 7:31:19	8.54	49.04	31.74	9.37	8.00	5.3	2.488	98.4
555	2/29/2012 7:46:19	8.46	48.75	31.53	9.43	8.01	6.8	2.400	98.8
556	2/29/2012 8:01:19	8.41	48.90	31.63	9.39	8.00	5.4	2.342	98.3
557	2/29/2012 8:16:19	8.36	48.59	31.41	9.45	8.01	6.1	2.248	98.7
558	2/29/2012 8:31:19	8.32	48.42	31.28	9.46	8.01	6.6	2.175	98.6
559	2/29/2012 8:46:19	8.29	48.36	31.24	9.52	8.01	6.5	2.092	99.1
560	2/29/2012 9:01:19	8.26	48.16	31.09	9.60	8.01	6.6	1.987	99.8
561	2/29/2012 9:16:19	8.24	47.89	30.89	9.63	8.02	6.8	1.932	99.9
562	2/29/2012 9:31:19	8.23	47.71	30.76	9.67	8.02	6.9	1.862	100.2
563	2/29/2012 9:46:19	8.21	47.57	30.66	9.69	8.02	7.5	1.782	100.3
564	2/29/2012 10:01:19	8.21	47.52	30.62	9.70	8.03	7.2	1.753	100.4
565	2/29/2012 10:16:19	8.22	47.51	30.62	9.73	8.03	7.0	1.703	100.8
566	2/29/2012 10:31:19	8.22	47.44	30.57	9.69	8.03	7.0	1.688	100.3
567	2/29/2012 10:46:19	8.26	47.59	30.68	9.61	8.02	5.9	1.646	99.7
568	2/29/2012 11:01:19	8.30	47.71	30.77	9.52	8.02	6.1	1.639	98.9
569	2/29/2012 11:16:19	8.31	47.57	30.67	9.60	8.02	6.1	1.670	99.7
570	2/29/2012 11:31:19	8.34	47.77	30.82	9.50	8.02	6.1	1.650	98.8
571	2/29/2012 11:46:19	8.34	47.64	30.72	9.60	8.02	6.2	1.699	99.8
572	2/29/2012 12:01:19	8.34	47.59	30.68	9.58	8.02	6.1	1.728	99.5
573	2/29/2012 12:16:19	8.33	47.73	30.78	9.50	8.01	6.0	1.760	98.7
574	2/29/2012 12:31:19	8.32	47.78	30.82	9.50	8.01	5.7	1.799	98.7
575	2/29/2012 12:46:19	8.33	47.69	30.76	9.51	8.01	5.9	1.873	98.9
576	2/29/2012 13:01:19	8.33	47.87	30.89	9.49	8.01	5.9	1.904	98.7
577	2/29/2012 13:16:19	8.34	47.78	30.82	9.45	8.01	5.4	1.921	98.2
578	2/29/2012 13:31:18	8.35	47.70	30.77	9.40	8.00	5.4	1.966	97.8
579	2/29/2012 13:46:19	8.35	47.82	30.85	9.40	8.01	5.3	1.998	97.7
580	2/29/2012 14:01:19	8.37	47.83	30.86	9.44	8.01	5.3	2.062	98.2
581	2/29/2012 14:16:19	8.37	47.85	30.87	9.37	8.00	5.2	2.060	97.5
582	2/29/2012 14:31:19	8.38	47.80	30.84	9.43	8.00	5.7	2.148	98.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
583	2/29/2012 14:46:19	8.41	47.86	30.89	9.42	8.00	5.5	2.181	98.1
584	2/29/2012 15:01:19	8.43	48.08	31.04	9.38	8.00	5.6	2.227	97.8
585	2/29/2012 15:16:19	8.51	47.89	30.92	9.43	8.00	5.9	2.252	98.5
586	2/29/2012 15:31:19	8.60	47.81	30.86	9.46	8.00	5.7	2.316	98.9
587	2/29/2012 15:46:19	8.76	48.05	31.05	9.63	8.02	6.1	2.363	101.2
588	2/29/2012 16:01:19	8.77	48.04	31.04	9.64	8.02	5.7	2.409	101.4
589	2/29/2012 16:16:19	8.77	48.01	31.02	9.63	8.02	5.5	2.448	101.2
590	2/29/2012 16:31:18	8.75	48.09	31.07	9.61	8.01	5.5	2.487	101.0
591	2/29/2012 16:46:19	8.75	48.12	31.10	9.61	8.02	5.4	2.496	101.0
592	2/29/2012 17:01:19	8.74	48.16	31.13	9.58	8.02	5.3	2.555	100.7
593	2/29/2012 17:16:18	8.72	48.17	31.13	9.55	8.01	5.3	2.574	100.4
594	2/29/2012 17:31:19	8.71	48.23	31.17	9.48	8.01	4.9	2.594	99.6
595	2/29/2012 17:46:19	8.70	48.27	31.20	9.45	8.01	4.8	2.591	99.3
596	2/29/2012 18:01:19	8.69	48.34	31.25	9.36	8.01	4.7	2.600	98.4
597	2/29/2012 18:16:19	8.69	48.39	31.29	9.26	8.00	4.5	2.602	97.4
598	2/29/2012 18:31:19	8.69	48.40	31.30	9.25	8.00	4.4	2.563	97.2
599	2/29/2012 18:46:19	8.69	48.36	31.27	9.30	8.00	5.1	2.571	97.7
600	2/29/2012 19:01:19	8.68	48.24	31.18	9.31	8.01	5.0	2.575	97.8
601	2/29/2012 19:16:19	8.64	48.09	31.06	9.38	8.01	5.2	2.559	98.4
602	2/29/2012 19:31:19	8.65	48.21	31.15	9.37	8.01	5.0	2.509	98.4
603	2/29/2012 19:46:19	8.59	48.16	31.11	9.36	8.00	5.0	2.441	98.0
604	2/29/2012 20:01:19	8.60	48.10	31.07	9.37	8.00	5.1	2.426	98.1
605	2/29/2012 20:16:19	8.60	48.07	31.05	9.37	8.00	5.0	2.417	98.2
606	2/29/2012 20:31:19	8.61	48.07	31.05	9.36	8.00	5.0	2.392	98.1
607	2/29/2012 20:46:19	8.61	48.05	31.04	9.39	8.01	4.8	2.340	98.3
608	2/29/2012 21:01:19	8.59	47.96	30.97	9.40	8.01	5.0	2.296	98.4
609	2/29/2012 21:16:19	8.56	47.89	30.92	9.38	8.01	4.8	2.277	98.0
610	2/29/2012 21:31:19	8.55	47.78	30.84	9.44	8.01	5.3	2.286	98.6
611	2/29/2012 21:46:19	8.49	47.53	30.65	9.42	8.01	5.2	2.285	98.2
612	2/29/2012 22:01:19	8.47	47.42	30.58	9.43	8.01	5.0	2.269	98.1
613	2/29/2012 22:16:19	8.52	47.54	30.67	9.47	8.01	5.1	2.291	98.8
614	2/29/2012 22:31:19	8.54	47.44	30.60	9.45	8.00	5.4	2.267	98.6
615	2/29/2012 22:46:19	8.58	47.65	30.75	9.42	8.00	5.6	2.320	98.4
616	2/29/2012 23:01:19	8.61	47.88	30.92	9.39	8.00	5.1	2.302	98.3
617	2/29/2012 23:16:19	8.62	47.89	30.92	9.39	8.00	5.4	2.350	98.3
618	2/29/2012 23:31:19	8.64	48.01	31.01	9.39	8.00	5.1	2.371	98.4
619	2/29/2012 23:46:19	8.64	47.97	30.98	9.37	8.00	5.3	2.374	98.1
620	3/1/2012 0:01:19	8.68	48.12	31.09	9.33	8.00	5.1	2.440	98.0
621	3/1/2012 0:16:19	8.66	48.16	31.12	9.34	8.00	5.0	2.463	98.0
622	3/1/2012 0:31:19	8.65	48.30	31.22	9.31	8.00	5.0	2.484	97.8
623	3/1/2012 0:46:19	8.64	48.36	31.26	9.34	8.00	5.2	2.490	98.0
624	3/1/2012 1:01:19	8.63	48.27	31.20	9.40	8.00	5.5	2.576	98.6
625	3/1/2012 1:16:19	8.62	48.32	31.23	9.39	8.00	5.8	2.650	98.5
626	3/1/2012 1:31:19	8.61	48.27	31.19	9.42	8.01	5.2	2.655	98.8
627	3/1/2012 1:46:19	8.56	48.32	31.23	9.44	8.00	5.3	2.716	98.9
628	3/1/2012 2:01:19	8.54	48.41	31.29	9.46	8.00	5.7	2.747	99.1
629	3/1/2012 2:16:19	8.54	48.56	31.40	9.46	8.00	5.5	2.796	99.2
630	3/1/2012 2:31:19	8.54	48.57	31.41	9.48	8.00	5.4	2.830	99.4
631	3/1/2012 2:46:19	8.53	48.55	31.39	9.48	8.00	5.3	2.887	99.4
632	3/1/2012 3:01:19	8.56	49.28	31.91	9.41	7.98	5.1	2.960	99.0
633	3/1/2012 3:16:19	8.55	49.41	32.01	9.42	7.98	5.4	3.002	99.1
634	3/1/2012 3:31:19	8.53	49.40	32.00	9.43	7.98	5.0	3.057	99.2
635	3/1/2012 3:46:19	8.54	49.71	32.22	9.41	7.98	5.0	3.092	99.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
636	3/1/2012 4:01:19	8.54	50.16	32.54	9.41	7.96	4.6	3.151	99.3
637	3/1/2012 4:16:19	8.53	50.09	32.49	9.43	7.97	4.7	3.168	99.5
638	3/1/2012 4:31:19	8.54	50.11	32.51	9.33	7.96	4.2	3.200	98.5
639	3/1/2012 4:46:19	8.54	50.11	32.51	9.37	7.97	5.0	3.203	99.0
640	3/1/2012 5:01:19	8.55	50.03	32.45	9.29	7.96	4.7	3.252	98.1
641	3/1/2012 5:16:19	8.55	50.08	32.49	9.36	7.96	5.4	3.197	98.8
642	3/1/2012 5:31:19	8.56	49.65	32.18	9.33	7.97	5.6	3.198	98.3
643	3/1/2012 5:46:19	8.57	49.65	32.18	9.29	7.97	5.5	3.157	97.9
644	3/1/2012 6:01:19	8.52	48.87	31.61	9.29	7.98	5.6	3.109	97.5
645	3/1/2012 6:16:19	8.53	48.94	31.67	9.32	7.98	6.1	3.063	97.8
646	3/1/2012 6:31:19	8.50	48.47	31.33	9.31	7.99	5.8	3.029	97.5
647	3/1/2012 6:46:19	8.55	48.59	31.42	9.31	7.99	6.1	2.976	97.6
648	3/1/2012 7:01:19	8.54	48.58	31.41	9.33	7.99	5.4	2.930	97.8
649	3/1/2012 7:16:19	8.44	48.11	31.07	9.38	7.99	5.5	2.877	97.9
650	3/1/2012 7:31:19	8.33	47.66	30.74	9.46	7.99	5.6	2.822	98.3
651	3/1/2012 7:46:19	8.27	47.26	30.44	9.53	7.99	6.1	2.754	98.7
652	3/1/2012 8:01:19	8.27	47.35	30.51	9.55	7.99	6.1	2.675	99.0
653	3/1/2012 8:16:19	8.25	46.93	30.21	9.63	7.99	6.4	2.628	99.6
654	3/1/2012 8:31:19	8.29	47.42	30.56	9.66	8.00	5.9	2.542	100.2
655	3/1/2012 8:46:19	8.30	47.14	30.36	9.79	8.01	5.9	2.481	101.4
656	3/1/2012 9:01:19	8.32	46.88	30.18	9.85	8.01	6.7	2.410	101.9
657	3/1/2012 9:16:19	8.32	46.24	29.72	9.89	8.01	7.5	2.301	102.1
658	3/1/2012 9:31:19	8.34	46.11	29.63	9.88	8.01	7.0	2.224	101.9
659	3/1/2012 9:46:19	8.37	46.22	29.71	9.92	8.02	6.4	2.151	102.4
660	3/1/2012 10:01:19	8.44	46.46	29.89	10.00	8.03	6.1	2.042	103.6
661	3/1/2012 10:16:19	8.48	46.23	29.73	10.07	8.04	6.2	1.979	104.2
662	3/1/2012 10:31:19	8.53	46.14	29.67	10.13	8.04	6.3	1.897	105.0
663	3/1/2012 10:46:19	8.61	46.09	29.64	10.18	8.05	6.2	1.823	105.7
664	3/1/2012 11:01:19	8.65	46.19	29.71	10.27	8.06	6.2	1.781	106.8
665	3/1/2012 11:16:19	8.63	46.21	29.72	10.10	8.05	6.1	1.715	105.0
666	3/1/2012 11:31:19	8.71	46.23	29.75	10.15	8.06	5.9	1.685	105.7
667	3/1/2012 11:46:19	8.66	46.11	29.65	9.94	8.04	5.6	1.640	103.3
668	3/1/2012 12:01:19	8.71	46.12	29.67	9.89	8.04	5.3	1.619	102.9
669	3/1/2012 12:16:19	8.72	46.18	29.71	9.97	8.04	5.5	1.595	103.8
670	3/1/2012 12:31:19	8.83	46.01	29.60	9.93	8.04	5.5	1.649	103.6
671	3/1/2012 12:46:19	8.84	46.00	29.59	9.94	8.03	5.6	1.658	103.7
672	3/1/2012 13:01:19	8.76	45.92	29.53	9.92	8.03	5.6	1.680	103.2
673	3/1/2012 13:16:19	8.72	46.06	29.63	9.84	8.03	5.3	1.683	102.4
674	3/1/2012 13:31:19	8.48	46.24	29.74	9.60	8.01	5.1	1.724	99.5
675	3/1/2012 13:46:19	8.92	45.63	29.33	9.89	8.03	5.7	1.750	103.1
676	3/1/2012 14:01:19	8.72	45.83	29.46	9.74	8.02	5.3	1.810	101.3
677	3/1/2012 14:16:19	8.71	45.87	29.49	9.74	8.02	5.4	1.840	101.2
678	3/1/2012 14:31:19	8.64	45.95	29.54	9.73	8.02	5.5	1.873	101.0
679	3/1/2012 14:46:18	8.63	45.89	29.50	9.66	8.01	5.3	1.931	100.2
680	3/1/2012 15:01:19	8.64	45.93	29.53	9.67	8.01	5.0	1.998	100.3
681	3/1/2012 15:16:19	8.60	45.92	29.52	9.65	8.01	5.3	2.024	100.1
682	3/1/2012 15:31:19	8.52	46.05	29.60	9.55	8.00	5.1	2.058	99.0
683	3/1/2012 15:46:19	8.48	46.17	29.69	9.49	8.00	5.3	2.116	98.2
684	3/1/2012 16:01:19	8.49	46.31	29.79	9.44	7.99	5.1	2.163	97.9
685	3/1/2012 16:16:19	8.50	46.38	29.84	9.45	8.00	5.0	2.208	97.9
686	3/1/2012 16:31:19	8.50	46.52	29.94	9.42	7.99	5.3	2.257	97.7
687	3/1/2012 16:46:19	8.49	46.97	30.26	9.37	7.99	5.6	2.333	97.4
688	3/1/2012 17:01:19	8.49	47.10	30.35	9.38	7.99	6.1	2.367	97.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	3/1/2012 17:16:19	8.50	47.24	30.45	9.34	7.99	5.2	2.401	97.3
690	3/1/2012 17:31:19	8.49	47.11	30.36	9.36	7.99	6.1	2.453	97.4
691	3/1/2012 17:46:19	8.50	46.52	29.94	9.49	8.00	5.6	2.496	98.5
692	3/1/2012 18:01:19	8.47	47.55	30.67	9.32	7.99	5.0	2.528	97.1
693	3/1/2012 18:16:19	8.47	47.69	30.77	9.28	7.99	4.8	2.526	96.7
694	3/1/2012 18:31:19	8.47	47.76	30.82	9.23	7.99	4.5	2.584	96.2
695	3/1/2012 18:46:19	8.47	47.67	30.75	9.19	7.99	3.9	2.593	95.7
696	3/1/2012 19:01:19	8.50	47.38	30.55	9.14	7.99	3.9	2.601	95.3
697	3/1/2012 19:16:19	8.50	47.43	30.58	9.16	7.99	4.5	2.603	95.4
698	3/1/2012 19:31:19	8.54	47.13	30.37	9.32	8.00	5.9	2.599	97.1
699	3/1/2012 19:46:19	8.58	46.72	30.09	9.43	8.00	7.2	2.607	98.1
700	3/1/2012 20:01:19	8.48	47.57	30.68	9.26	7.99	6.0	2.596	96.5
701	3/1/2012 20:16:19	8.55	46.61	30.00	9.46	8.01	8.6	2.576	98.3
702	3/1/2012 20:31:19	8.64	45.95	29.54	9.70	8.03	12.2	2.568	100.6
703	3/1/2012 20:46:19	8.64	45.82	29.45	9.74	8.04	11.0	2.533	101.0
704	3/1/2012 21:01:19	8.55	46.22	29.73	9.65	8.03	9.6	2.498	100.1
705	3/1/2012 21:16:19	8.50	46.69	30.06	9.43	8.01	7.1	2.461	97.9
706	3/1/2012 21:31:19	8.49	46.74	30.09	9.36	8.00	6.5	2.447	97.2
707	3/1/2012 21:46:19	8.46	46.47	29.90	9.40	8.01	7.6	2.418	97.4
708	3/1/2012 22:01:19	8.46	46.42	29.86	9.33	8.01	6.7	2.397	96.6
709	3/1/2012 22:16:19	8.37	46.19	29.69	9.41	8.01	8.6	2.381	97.2
710	3/1/2012 22:31:19	8.34	45.77	29.39	9.46	8.03	9.4	2.361	97.4
711	3/1/2012 22:46:19	8.44	45.64	29.31	9.56	8.02	8.8	2.357	98.6
712	3/1/2012 23:01:19	8.49	45.25	29.03	9.64	8.03	8.6	2.300	99.4
713	3/1/2012 23:16:19	8.48	45.33	29.09	9.61	8.03	8.2	2.324	99.2
714	3/1/2012 23:31:19	8.52	45.23	29.02	9.65	8.04	9.0	2.326	99.6
715	3/1/2012 23:46:19	8.49	45.38	29.13	9.61	8.03	8.3	2.322	99.1
716	3/2/2012 0:01:19	8.48	45.75	29.39	9.55	8.02	7.6	2.329	98.7
717	3/2/2012 0:16:19	8.53	45.88	29.48	9.63	8.02	7.8	2.336	99.7
718	3/2/2012 0:31:19	8.63	45.51	29.23	9.72	8.03	8.3	2.358	100.7
719	3/2/2012 0:46:19	8.54	46.10	29.64	9.54	8.01	7.9	2.385	98.9
720	3/2/2012 1:01:19	8.53	46.02	29.58	9.54	8.01	7.3	2.406	98.9
721	3/2/2012 1:16:19	8.51	47.13	30.37	9.29	7.99	5.3	2.419	96.7
722	3/2/2012 1:31:19	8.51	47.18	30.41	9.32	7.99	5.8	2.458	97.0
723	3/2/2012 1:46:19	8.51	47.37	30.54	9.32	7.98	6.2	2.500	97.1
724	3/2/2012 2:01:19	8.51	47.36	30.54	9.31	7.98	5.5	2.520	97.0
725	3/2/2012 2:16:18	8.51	47.46	30.60	9.31	7.98	5.7	2.566	97.0
726	3/2/2012 2:31:18	8.50	47.66	30.75	9.31	7.97	6.8	2.617	97.1
727	3/2/2012 2:46:19	8.50	47.68	30.77	9.36	7.98	6.7	2.654	97.6
728	3/2/2012 3:01:19	8.50	47.74	30.81	9.34	7.98	5.6	2.709	97.5
729	3/2/2012 3:16:19	8.50	48.19	31.13	9.37	7.97	5.4	2.758	98.0
730	3/2/2012 3:31:19	8.51	48.37	31.26	9.49	7.97	5.4	2.798	99.3
731	3/2/2012 3:46:19	8.52	48.31	31.21	9.57	7.98	5.5	2.848	100.1
732	3/2/2012 4:01:19	8.53	48.77	31.55	9.68	7.97	5.3	2.875	101.5
733	3/2/2012 4:16:19	8.55	48.89	31.63	9.73	7.97	5.6	2.934	102.2
734	3/2/2012 4:31:19	8.57	49.09	31.78	9.80	7.97	5.4	2.983	103.0
735	3/2/2012 4:46:19	8.58	49.25	31.89	9.83	7.97	5.6	3.030	103.4
736	3/2/2012 5:01:19	8.58	49.31	31.94	9.84	7.98	5.6	3.076	103.7
737	3/2/2012 5:16:19	8.59	49.31	31.94	9.84	7.98	5.2	3.110	103.7
738	3/2/2012 5:31:19	8.59	49.42	32.01	9.79	7.97	4.8	3.143	103.2
739	3/2/2012 5:46:19	8.59	49.58	32.13	9.80	7.97	5.0	3.170	103.4
740	3/2/2012 6:01:19	8.57	49.07	31.77	9.66	7.97	4.3	3.171	101.6
741	3/2/2012 6:16:19	8.54	48.56	31.40	9.60	7.97	6.0	3.158	100.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
742	3/2/2012 6:31:19	8.57	49.32	31.94	9.67	7.97	4.8	3.135	101.7
743	3/2/2012 6:46:19	8.58	49.36	31.97	9.71	7.97	5.6	3.123	102.3
744	3/2/2012 7:01:19	8.58	49.40	32.00	9.68	7.96	6.1	3.079	102.0
745	3/2/2012 7:16:19	8.57	49.30	31.93	9.73	7.97	6.1	3.040	102.5
746	3/2/2012 7:31:19	8.56	48.77	31.55	9.71	7.97	6.5	2.997	102.0
747	3/2/2012 7:46:19	8.51	47.88	30.91	9.52	7.98	6.6	2.939	99.4
748	3/2/2012 8:01:19	8.50	48.05	31.03	9.40	7.97	6.0	2.871	98.2
749	3/2/2012 8:16:19	8.47	47.92	30.93	9.37	7.97	6.2	2.810	97.8
750	3/2/2012 8:31:19	8.45	47.51	30.64	9.41	7.98	6.2	2.754	98.0
751	3/2/2012 8:46:19	8.41	47.28	30.47	9.36	7.98	6.1	2.678	97.3
752	3/2/2012 9:01:19	8.40	47.21	30.42	9.43	7.98	6.3	2.611	98.0
753	3/2/2012 9:16:19	8.37	46.50	29.91	9.55	8.00	6.2	2.537	98.8
754	3/2/2012 9:31:19	8.45	46.22	29.72	9.64	8.01	6.7	2.459	99.8
755	3/2/2012 9:46:19	8.53	46.27	29.76	9.64	8.01	6.4	2.378	100.0
756	3/2/2012 10:01:19	8.55	46.34	29.81	9.56	8.01	6.1	2.288	99.2
757	3/2/2012 10:16:19	8.59	46.11	29.65	9.59	8.01	6.1	2.189	99.5
758	3/2/2012 10:31:19	8.61	45.94	29.53	9.66	8.02	6.2	2.106	100.2
759	3/2/2012 10:46:19	8.63	46.02	29.59	9.69	8.02	6.1	2.028	100.6
760	3/2/2012 11:01:19	8.64	46.17	29.70	9.66	8.02	5.9	1.915	100.4
761	3/2/2012 11:16:19	8.61	46.31	29.80	9.60	8.01	5.8	1.850	99.8
762	3/2/2012 11:31:19	8.71	46.10	29.65	9.70	8.03	5.6	1.777	100.9
763	3/2/2012 11:46:19	8.69	46.02	29.59	9.65	8.02	5.1	1.700	100.3
764	3/2/2012 12:01:19	8.70	45.98	29.57	9.68	8.02	5.2	1.641	100.7
765	3/2/2012 12:16:19	8.72	45.95	29.55	9.66	8.02	5.0	1.604	100.4
766	3/2/2012 12:31:19	8.74	45.99	29.58	9.63	8.02	4.7	1.571	100.2
767	3/2/2012 12:46:19	8.93	45.75	29.42	9.80	8.04	4.8	1.533	102.3
768	3/2/2012 13:01:19	9.09	45.53	29.27	9.84	8.04	5.1	1.533	103.0
769	3/2/2012 13:16:19	9.32	45.73	29.43	10.09	8.05	5.4	1.518	106.2
770	3/2/2012 13:31:19	9.30	45.52	29.28	10.04	8.05	5.4	1.538	105.7
771	3/2/2012 13:46:19	9.42	45.24	29.09	10.04	8.05	5.4	1.529	105.8
772	3/2/2012 14:01:19	9.43	45.20	29.06	10.02	8.05	5.2	1.574	105.6
773	3/2/2012 14:16:19	9.42	45.31	29.14	10.08	8.05	5.3	1.594	106.2
774	3/2/2012 14:31:19	9.25	45.51	29.27	10.04	8.04	5.4	1.626	105.5
775	3/2/2012 14:46:19	9.17	45.61	29.33	10.01	8.04	5.3	1.668	105.0
776	3/2/2012 15:01:19	9.27	45.56	29.31	9.90	8.04	5.3	1.679	104.1
777	3/2/2012 15:16:19	9.17	45.70	29.40	9.88	8.03	5.1	1.742	103.7
778	3/2/2012 15:31:19	9.07	45.74	29.42	9.88	8.02	5.1	1.793	103.4
779	3/2/2012 15:46:19	8.97	45.75	29.43	9.78	8.02	5.4	1.834	102.2
780	3/2/2012 16:01:19	8.83	45.82	29.47	9.71	8.01	5.3	1.889	101.2
781	3/2/2012 16:16:19	8.79	45.83	29.46	9.61	8.01	5.1	1.948	100.0
782	3/2/2012 16:31:19	8.73	45.80	29.44	9.61	8.00	6.0	2.011	99.9
783	3/2/2012 16:46:19	8.72	45.88	29.50	9.58	8.00	5.6	2.077	99.6
784	3/2/2012 17:01:19	8.70	45.91	29.52	9.60	8.00	5.9	2.142	99.8
785	3/2/2012 17:16:19	8.67	45.95	29.54	9.59	8.00	5.9	2.203	99.6
786	3/2/2012 17:31:19	8.63	46.10	29.65	9.54	7.99	5.5	2.267	99.1
787	3/2/2012 17:46:19	8.57	46.39	29.85	9.50	7.99	5.5	2.324	98.6
788	3/2/2012 18:01:19	8.52	46.48	29.91	9.48	7.99	5.2	2.374	98.3
789	3/2/2012 18:16:19	8.51	46.65	30.03	9.49	7.99	5.3	2.423	98.5
790	3/2/2012 18:31:19	8.50	46.63	30.01	9.51	7.99	5.5	2.474	98.7
791	3/2/2012 18:46:19	8.61	45.74	29.39	9.63	8.01	6.2	2.514	99.8
792	3/2/2012 19:01:19	8.58	45.84	29.46	9.66	8.00	6.1	2.563	100.1
793	3/2/2012 19:16:19	8.46	46.72	30.08	9.54	7.99	5.7	2.583	99.0
794	3/2/2012 19:31:19	8.47	46.84	30.16	9.49	7.99	5.2	2.624	98.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
795	3/2/2012 19:46:19	8.46	47.07	30.33	9.50	7.98	5.0	2.657	98.7
796	3/2/2012 20:01:19	8.47	47.03	30.30	9.48	7.98	5.0	2.674	98.5
797	3/2/2012 20:16:19	8.46	47.30	30.49	9.37	7.97	4.7	2.680	97.5
798	3/2/2012 20:31:19	8.48	47.00	30.27	9.32	7.98	4.3	2.711	96.8
799	3/2/2012 20:46:19	8.51	46.93	30.23	9.35	7.98	4.8	2.718	97.2
800	3/2/2012 21:01:19	8.54	46.53	29.95	9.43	7.99	5.2	2.688	97.9
801	3/2/2012 21:16:19	8.48	47.08	30.33	9.44	7.98	5.1	2.686	98.1
802	3/2/2012 21:31:19	8.52	46.63	30.02	9.40	7.98	5.0	2.666	97.7
803	3/2/2012 21:46:19	8.52	46.73	30.09	9.35	7.98	5.6	2.647	97.2
804	3/2/2012 22:01:19	8.55	46.35	29.82	9.41	7.99	6.2	2.612	97.7
805	3/2/2012 22:16:19	8.53	46.58	29.98	9.42	7.98	5.8	2.560	97.8
806	3/2/2012 22:31:19	8.51	46.71	30.07	9.39	7.98	5.3	2.535	97.5
807	3/2/2012 22:46:19	8.53	46.46	29.90	9.38	7.98	5.4	2.494	97.4
808	3/2/2012 23:01:19	8.57	46.36	29.83	9.35	7.98	5.5	2.444	97.1
809	3/2/2012 23:16:19	8.58	46.24	29.74	9.37	7.99	5.1	2.413	97.3
810	3/2/2012 23:31:19	8.61	46.06	29.61	9.40	7.99	5.5	2.364	97.5
811	3/2/2012 23:46:19	8.64	45.73	29.38	9.39	7.99	5.4	2.349	97.4
812	3/3/2012 0:01:19	8.65	45.51	29.23	9.44	8.00	5.3	2.315	97.8
813	3/3/2012 0:16:19	8.64	45.40	29.15	9.32	8.00	5.3	2.295	96.5
814	3/3/2012 0:31:19	8.61	44.86	28.76	9.41	8.00	5.4	2.284	97.2
815	3/3/2012 0:46:19	8.60	44.73	28.67	9.55	8.01	5.5	2.273	98.5
816	3/3/2012 1:01:18	8.61	45.31	29.09	9.42	7.99	5.7	2.279	97.4
817	3/3/2012 1:16:19	8.59	45.69	29.35	9.45	7.99	5.7	2.282	97.9
818	3/3/2012 1:31:19	8.60	45.79	29.42	9.45	7.99	6.2	2.308	97.9
819	3/3/2012 1:46:19	8.60	45.25	29.04	9.55	8.00	6.0	2.333	98.7
820	3/3/2012 2:01:19	8.58	45.23	29.03	9.56	8.00	6.1	2.355	98.8
821	3/3/2012 2:16:19	8.55	46.48	29.91	9.38	7.98	5.3	2.388	97.4
822	3/3/2012 2:31:19	8.53	46.65	30.03	9.45	7.98	5.7	2.427	98.1
823	3/3/2012 2:46:19	8.52	46.86	30.18	9.45	7.97	5.1	2.467	98.2
824	3/3/2012 3:01:19	8.53	46.87	30.19	9.43	7.97	5.1	2.502	98.1
825	3/3/2012 3:16:19	8.53	47.18	30.41	9.43	7.97	5.2	2.552	98.3
826	3/3/2012 3:31:19	8.51	47.17	30.40	9.48	7.97	6.1	2.594	98.6
827	3/3/2012 3:46:19	8.53	46.73	30.09	9.56	7.98	6.4	2.646	99.3
828	3/3/2012 4:01:19	8.54	46.95	30.25	9.55	7.98	5.3	2.688	99.3
829	3/3/2012 4:16:19	8.54	47.25	30.46	9.61	7.98	5.3	2.744	100.1
830	3/3/2012 4:31:19	8.56	47.57	30.69	9.70	7.98	5.1	2.801	101.2
831	3/3/2012 4:46:19	8.58	47.66	30.75	9.76	7.99	5.5	2.840	102.0
832	3/3/2012 5:01:19	8.62	47.90	30.93	9.84	7.99	5.5	2.898	103.0
833	3/3/2012 5:16:19	8.62	47.96	30.97	9.86	7.99	5.6	2.952	103.2
834	3/3/2012 5:31:19	8.61	47.82	30.87	9.86	7.99	5.3	2.998	103.2
835	3/3/2012 5:46:19	8.66	48.22	31.16	9.90	7.99	5.0	3.047	103.8
836	3/3/2012 6:01:19	8.71	48.77	31.56	9.90	7.98	5.3	3.097	104.3
837	3/3/2012 6:16:19	8.69	48.43	31.31	9.87	7.99	5.3	3.129	103.8
838	3/3/2012 6:31:19	8.69	48.25	31.19	9.90	7.99	5.1	3.177	104.0
839	3/3/2012 6:46:19	8.69	48.31	31.23	9.82	7.98	5.1	3.196	103.2
840	3/3/2012 7:01:18	8.69	48.49	31.36	9.79	7.97	4.8	3.215	103.0
841	3/3/2012 7:16:19	8.67	48.33	31.24	9.75	7.98	5.7	3.228	102.4
842	3/3/2012 7:31:19	8.70	48.66	31.48	9.72	7.98	4.5	3.226	102.3
843	3/3/2012 7:46:19	8.67	48.54	31.39	9.74	7.98	4.8	3.204	102.4
844	3/3/2012 8:01:19	8.67	48.57	31.41	9.78	7.98	5.8	3.169	102.8
845	3/3/2012 8:16:19	8.62	48.15	31.11	9.75	7.98	5.5	3.125	102.2
846	3/3/2012 8:31:19	8.65	48.28	31.20	9.78	7.98	6.3	3.068	102.6
847	3/3/2012 8:46:19	8.63	47.73	30.81	9.84	7.98	6.6	3.010	102.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
848	3/3/2012 9:01:19	8.56	47.47	30.62	9.67	7.98	7.2	2.936	100.9
849	3/3/2012 9:16:19	8.55	47.52	30.65	9.64	7.98	6.8	2.857	100.6
850	3/3/2012 9:31:19	8.54	47.20	30.42	9.69	7.98	6.4	2.791	101.0
851	3/3/2012 9:46:19	8.50	46.96	30.25	9.65	7.98	6.1	2.710	100.3
852	3/3/2012 10:01:18	8.54	46.52	29.94	9.68	7.98	5.9	2.629	100.5
853	3/3/2012 10:16:19	8.64	46.38	29.85	9.79	8.00	5.6	2.542	101.9
854	3/3/2012 10:31:19	8.89	45.80	29.45	10.04	8.02	6.1	2.455	104.7
855	3/3/2012 10:46:19	9.05	45.48	29.24	10.22	8.04	6.8	2.369	106.9
856	3/3/2012 11:01:19	9.18	45.46	29.23	10.12	8.04	5.8	2.261	106.1
857	3/3/2012 11:16:19	9.24	45.43	29.21	10.16	8.04	5.9	2.171	106.7
858	3/3/2012 11:31:19	9.28	45.35	29.16	10.02	8.03	5.7	2.065	105.2
859	3/3/2012 11:46:19	9.36	45.29	29.12	10.02	8.03	5.4	1.975	105.4
860	3/3/2012 12:01:19	9.57	45.28	29.12	10.11	8.05	5.3	1.871	106.9
861	3/3/2012 12:16:19	9.56	45.25	29.10	10.12	8.05	5.2	1.782	106.9
862	3/3/2012 12:31:19	9.83	45.20	29.09	10.24	8.06	5.2	1.701	108.8
863	3/3/2012 12:46:19	9.75	45.14	29.04	10.15	8.05	5.3	1.621	107.6
864	3/3/2012 13:01:19	9.51	45.24	29.10	9.96	8.04	4.9	1.552	105.1
865	3/3/2012 13:16:19	9.67	45.14	29.03	10.06	8.05	4.8	1.507	106.5
866	3/3/2012 13:31:19	9.73	44.97	28.91	10.05	8.05	4.9	1.467	106.5
867	3/3/2012 13:46:19	9.62	45.27	29.13	9.98	8.04	4.3	1.436	105.6
868	3/3/2012 14:01:19	10.25	45.23	29.13	10.45	8.07	4.5	1.433	112.1
869	3/3/2012 14:16:19	10.17	45.12	29.05	10.30	8.06	4.5	1.427	110.3
870	3/3/2012 14:31:19	9.69	45.10	29.00	10.15	8.05	4.5	1.447	107.5
871	3/3/2012 14:46:19	10.04	45.15	29.06	10.21	8.06	4.5	1.451	109.0
872	3/3/2012 15:01:19	9.69	45.38	29.21	10.08	8.04	4.5	1.496	106.9
873	3/3/2012 15:16:19	9.66	45.41	29.23	9.99	8.03	4.4	1.527	105.9
874	3/3/2012 15:31:19	10.07	44.99	28.95	10.07	8.05	4.5	1.557	107.5
875	3/3/2012 15:46:19	9.54	45.41	29.22	9.92	8.03	4.2	1.604	104.9
876	3/3/2012 16:01:19	9.58	45.29	29.13	9.86	8.03	4.5	1.654	104.3
877	3/3/2012 16:16:19	9.44	45.38	29.19	9.82	8.02	4.3	1.707	103.5
878	3/3/2012 16:31:19	9.50	45.30	29.14	9.88	8.02	5.0	1.760	104.3
879	3/3/2012 16:46:19	9.47	45.20	29.07	9.84	8.02	4.9	1.824	103.7
880	3/3/2012 17:01:19	9.28	45.31	29.13	9.72	8.01	4.6	1.902	102.0
881	3/3/2012 17:16:19	9.23	45.20	29.05	9.75	8.01	5.7	1.969	102.2
882	3/3/2012 17:31:18	9.14	45.29	29.10	9.75	8.00	5.4	2.042	102.1
883	3/3/2012 17:46:19	9.06	45.61	29.33	9.74	8.00	5.3	2.115	101.9
884	3/3/2012 18:01:19	9.02	45.77	29.44	9.74	8.00	5.3	2.192	102.0
885	3/3/2012 18:16:19	8.98	45.89	29.52	9.76	7.99	5.4	2.273	102.0
886	3/3/2012 18:31:19	8.89	46.13	29.69	9.72	8.00	5.2	2.338	101.5
887	3/3/2012 18:46:19	8.95	46.12	29.68	9.73	7.99	5.3	2.399	101.8
888	3/3/2012 19:01:19	8.92	46.24	29.77	9.72	7.99	5.4	2.472	101.7
889	3/3/2012 19:16:19	8.94	46.35	29.85	9.73	7.99	5.4	2.536	101.9
890	3/3/2012 19:31:19	9.01	46.23	29.77	9.75	7.99	5.3	2.585	102.2
891	3/3/2012 19:46:19	8.96	46.54	29.98	9.75	7.99	5.1	2.637	102.2
892	3/3/2012 20:01:19	8.91	46.60	30.02	9.73	7.99	5.1	2.693	101.9
893	3/3/2012 20:16:19	8.81	46.90	30.23	9.72	7.98	5.3	2.731	101.7
894	3/3/2012 20:31:19	8.80	47.04	30.33	9.70	7.98	5.1	2.767	101.5
895	3/3/2012 20:46:19	8.76	47.23	30.46	9.66	7.98	4.8	2.792	101.1
896	3/3/2012 21:01:19	8.76	47.25	30.48	9.60	7.98	4.5	2.826	100.5
897	3/3/2012 21:16:19	8.75	47.25	30.48	9.55	7.98	4.3	2.844	100.0
898	3/3/2012 21:31:19	8.75	47.29	30.51	9.61	7.98	5.2	2.835	100.7
899	3/3/2012 21:46:19	8.76	47.29	30.51	9.57	7.98	5.3	2.831	100.3
900	3/3/2012 22:01:19	8.76	47.29	30.50	9.64	7.98	5.5	2.819	101.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
901	3/3/2012 22:16:19	8.78	47.09	30.37	9.61	7.98	5.1	2.784	100.6
902	3/3/2012 22:31:19	8.80	47.04	30.33	9.60	7.98	5.7	2.743	100.5
903	3/3/2012 22:46:19	8.82	46.88	30.22	9.63	7.98	5.7	2.695	100.8
904	3/3/2012 23:01:19	8.87	46.44	29.90	9.64	7.99	6.3	2.642	100.8
905	3/3/2012 23:16:18	8.88	46.43	29.90	9.63	7.98	5.9	2.585	100.8
906	3/3/2012 23:31:19	8.95	46.27	29.79	9.63	7.99	5.9	2.527	100.8
907	3/3/2012 23:46:19	8.99	45.98	29.59	9.58	7.99	5.1	2.482	100.3
908	3/4/2012 0:01:19	8.94	45.62	29.33	9.57	7.99	5.4	2.406	99.9
909	3/4/2012 0:16:19	8.92	45.58	29.29	9.51	7.98	5.7	2.363	99.1
910	3/4/2012 0:31:19	8.93	45.45	29.21	9.47	7.98	5.1	2.329	98.7
911	3/4/2012 0:46:19	8.93	45.45	29.21	9.46	7.98	5.0	2.285	98.6
912	3/4/2012 1:01:19	8.93	45.45	29.20	9.35	7.98	5.0	2.242	97.4
913	3/4/2012 1:16:19	8.95	45.25	29.06	9.34	7.98	5.0	2.214	97.3
914	3/4/2012 1:31:19	8.93	45.84	29.48	9.40	7.98	4.3	2.219	98.1
915	3/4/2012 1:46:19	8.95	45.94	29.55	9.47	7.98	4.7	2.193	99.0
916	3/4/2012 2:01:19	8.97	45.36	29.14	9.27	7.97	4.7	2.181	96.7
917	3/4/2012 2:16:19	8.96	45.27	29.08	9.37	7.97	4.9	2.212	97.7
918	3/4/2012 2:31:19	8.96	45.58	29.30	9.45	7.98	5.1	2.229	98.6
919	3/4/2012 2:46:19	8.93	45.86	29.50	9.51	7.98	5.1	2.234	99.4
920	3/4/2012 3:01:19	8.94	45.83	29.48	9.50	7.98	4.8	2.275	99.3
921	3/4/2012 3:16:19	8.95	45.61	29.32	9.50	7.98	5.1	2.319	99.1
922	3/4/2012 3:31:19	8.94	45.58	29.30	9.50	7.98	5.1	2.367	99.1
923	3/4/2012 3:46:19	8.95	45.68	29.37	9.51	7.98	5.3	2.406	99.3
924	3/4/2012 4:01:19	8.92	46.04	29.62	9.53	7.98	5.2	2.455	99.6
925	3/4/2012 4:16:19	8.93	46.03	29.62	9.57	7.98	5.6	2.515	100.1
926	3/4/2012 4:31:19	8.91	46.30	29.81	9.57	7.98	5.3	2.562	100.2
927	3/4/2012 4:46:19	8.91	46.09	29.66	9.59	7.98	5.6	2.620	100.2
928	3/4/2012 5:01:19	8.91	46.59	30.02	9.57	7.98	4.8	2.670	100.2
929	3/4/2012 5:16:19	8.89	46.53	29.97	9.61	7.98	5.3	2.729	100.6
930	3/4/2012 5:31:19	8.88	46.48	29.93	9.65	7.98	5.4	2.785	101.0
931	3/4/2012 5:46:19	8.88	46.77	30.14	9.66	7.99	5.3	2.851	101.2
932	3/4/2012 6:01:19	8.88	46.74	30.12	9.68	7.99	5.1	2.930	101.4
933	3/4/2012 6:16:19	8.88	46.98	30.29	9.64	7.98	5.2	2.975	101.1
934	3/4/2012 6:31:19	8.88	47.03	30.33	9.63	7.98	4.9	3.039	101.0
935	3/4/2012 6:46:19	8.89	47.22	30.47	9.60	7.98	4.9	3.093	100.8
936	3/4/2012 7:01:19	8.93	48.00	31.03	9.49	7.97	5.2	3.155	100.1
937	3/4/2012 7:16:19	8.94	48.50	31.39	9.41	7.97	5.1	3.193	99.5
938	3/4/2012 7:31:19	8.95	48.71	31.54	9.35	7.97	4.9	3.237	99.0
939	3/4/2012 7:46:19	8.96	49.07	31.79	9.31	7.97	5.0	3.298	98.7
940	3/4/2012 8:01:19	8.96	49.08	31.80	9.26	7.97	4.2	3.333	98.3
941	3/4/2012 8:16:19	8.95	48.94	31.70	9.29	7.97	4.5	3.341	98.5
942	3/4/2012 8:31:19	8.97	49.30	31.96	9.19	7.96	4.7	3.325	97.6
943	3/4/2012 8:46:19	8.97	49.33	31.98	9.20	7.96	4.9	3.303	97.7
944	3/4/2012 9:01:19	8.96	48.58	31.44	9.28	7.96	5.1	3.269	98.2
945	3/4/2012 9:16:19	8.95	48.45	31.35	9.37	7.97	5.7	3.201	99.1
946	3/4/2012 9:31:19	8.96	47.85	30.92	9.42	7.97	5.6	3.158	99.4
947	3/4/2012 9:46:19	8.95	48.00	31.03	9.46	7.97	5.9	3.088	99.9
948	3/4/2012 10:01:19	8.94	47.66	30.78	9.51	7.97	6.7	3.004	100.2
949	3/4/2012 10:16:19	8.94	47.34	30.55	9.54	7.98	7.0	2.915	100.4
950	3/4/2012 10:31:19	8.97	47.02	30.33	9.52	7.98	6.4	2.836	100.1
951	3/4/2012 10:46:19	9.08	46.50	29.96	9.68	7.99	5.1	2.745	101.8
952	3/4/2012 11:01:19	9.16	46.45	29.93	9.78	8.00	4.8	2.668	103.0
953	3/4/2012 11:16:19	9.21	46.41	29.91	9.84	8.00	4.7	2.563	103.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
954	3/4/2012 11:31:19	9.31	46.33	29.86	9.92	8.01	5.9	2.442	104.7
955	3/4/2012 11:46:19	9.32	45.85	29.52	9.75	8.00	7.5	2.352	102.8
956	3/4/2012 12:01:18	9.57	46.15	29.75	10.21	8.03	5.2	2.232	108.4
957	3/4/2012 12:16:19	9.66	45.99	29.64	10.26	8.04	5.0	2.139	109.1
958	3/4/2012 12:31:19	9.80	45.80	29.51	10.42	8.04	5.5	2.036	111.0
959	3/4/2012 12:46:19	10.00	45.77	29.50	10.39	8.06	5.4	1.910	111.2
960	3/4/2012 13:01:19	10.05	45.64	29.41	10.49	8.06	5.6	1.789	112.2
961	3/4/2012 13:16:19	10.11	45.52	29.33	10.44	8.05	5.4	1.686	111.8
962	3/4/2012 13:31:18	10.10	45.28	29.15	10.24	8.04	5.3	1.573	109.5
963	3/4/2012 13:46:18	10.16	45.19	29.10	10.16	8.04	5.0	1.500	108.8
964	3/4/2012 14:01:18	10.18	45.13	29.06	10.08	8.04	4.8	1.422	107.9
965	3/4/2012 14:16:19	10.24	45.10	29.04	10.11	8.05	4.5	1.341	108.4
966	3/4/2012 14:31:19	10.31	45.07	29.02	10.11	8.05	4.7	1.333	108.6
967	3/4/2012 14:46:19	10.75	45.22	29.15	10.49	8.08	4.7	1.314	113.8
968	3/4/2012 15:01:19	9.98	45.23	29.12	9.92	8.03	4.1	1.284	105.8
969	3/4/2012 15:16:19	9.93	45.27	29.14	9.95	8.03	4.3	1.284	106.0
970	3/4/2012 15:31:19	10.12	45.31	29.18	10.10	8.04	4.4	1.323	108.1
971	3/4/2012 15:46:19	10.16	45.31	29.18	10.10	8.04	4.7	1.343	108.2
972	3/4/2012 16:01:19	10.18	45.26	29.15	10.05	8.04	4.5	1.407	107.7
973	3/4/2012 16:16:19	10.18	44.91	28.90	9.99	8.03	4.7	1.460	106.9
974	3/4/2012 16:31:19	10.09	44.91	28.89	9.93	8.02	4.6	1.543	106.0
975	3/4/2012 16:46:19	10.04	44.95	28.92	9.88	8.02	5.0	1.582	105.4
976	3/4/2012 17:01:19	9.97	44.84	28.84	9.83	8.01	5.1	1.649	104.7
977	3/4/2012 17:16:18	9.91	44.81	28.81	9.79	8.00	5.3	1.726	104.1
978	3/4/2012 17:31:18	9.87	44.86	28.85	9.76	8.00	4.8	1.785	103.6
979	3/4/2012 17:46:19	9.81	44.91	28.87	9.71	8.00	4.8	1.858	103.0
980	3/4/2012 18:01:19	9.70	44.89	28.85	9.67	7.99	5.2	1.933	102.4
981	3/4/2012 18:16:19	9.59	45.29	29.13	9.65	7.99	5.3	2.024	102.1
982	3/4/2012 18:31:19	9.47	45.72	29.43	9.62	7.99	5.2	2.117	101.6
983	3/4/2012 18:46:19	9.39	45.96	29.60	9.61	7.99	5.4	2.204	101.5
984	3/4/2012 19:01:19	9.33	46.17	29.74	9.63	7.99	5.6	2.290	101.6
985	3/4/2012 19:16:19	9.32	46.31	29.85	9.64	7.99	6.1	2.372	101.8
986	3/4/2012 19:31:19	9.30	46.39	29.90	9.64	7.99	6.1	2.452	101.8
987	3/4/2012 19:46:19	9.29	46.39	29.90	9.61	7.99	5.9	2.521	101.4
988	3/4/2012 20:01:19	9.30	46.52	29.99	9.59	7.99	6.8	2.593	101.3
989	3/4/2012 20:16:19	9.30	46.67	30.10	9.56	7.98	6.8	2.668	101.0
990	3/4/2012 20:31:19	9.28	46.80	30.19	9.53	7.98	7.3	2.724	100.8
991	3/4/2012 20:46:19	9.25	46.93	30.28	9.52	7.98	6.5	2.785	100.6
992	3/4/2012 21:01:19	9.24	47.08	30.39	9.49	7.97	6.8	2.838	100.4
993	3/4/2012 21:16:19	9.23	47.40	30.62	9.46	7.97	7.0	2.885	100.1
994	3/4/2012 21:31:19	9.26	47.72	30.85	9.47	7.98	5.9	2.921	100.5
995	3/4/2012 21:46:19	9.30	48.04	31.08	9.48	7.98	5.4	2.958	100.9
996	3/4/2012 22:01:19	9.30	48.17	31.17	9.43	7.98	5.6	2.984	100.4
997	3/4/2012 22:16:19	9.30	48.23	31.22	9.40	7.97	5.6	3.002	100.1
998	3/4/2012 22:31:19	9.30	48.19	31.19	9.43	7.98	6.3	2.971	100.5
999	3/4/2012 22:46:19	9.28	47.91	30.98	9.44	7.97	5.9	2.935	100.3
1000	3/4/2012 23:01:19	9.25	47.48	30.68	9.41	7.97	6.1	2.906	99.8
1001	3/4/2012 23:16:19	9.27	47.09	30.40	9.41	7.97	6.1	2.825	99.6
1002	3/4/2012 23:31:19	9.27	46.94	30.29	9.42	7.97	6.6	2.751	99.7
1003	3/4/2012 23:46:19	9.29	46.59	30.04	9.45	7.98	5.9	2.701	99.9
1004	3/5/2012 0:01:19	9.27	46.63	30.07	9.43	7.97	5.4	2.646	99.6
1005	3/5/2012 0:16:19	9.32	46.49	29.97	9.43	7.98	4.8	2.578	99.7
1006	3/5/2012 0:31:19	9.36	46.30	29.84	9.40	7.98	5.0	2.485	99.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1007	3/5/2012 0:46:19	9.32	46.43	29.93	9.38	7.96	5.1	2.430	99.1
1008	3/5/2012 1:01:19	9.41	45.74	29.44	9.40	7.97	5.6	2.368	99.2
1009	3/5/2012 1:16:19	9.43	45.66	29.39	9.30	7.97	5.1	2.295	98.2
1010	3/5/2012 1:31:19	9.47	45.42	29.22	9.35	7.97	5.0	2.242	98.6
1011	3/5/2012 1:46:19	9.51	45.36	29.18	9.29	7.97	4.8	2.197	98.1
1012	3/5/2012 2:01:19	9.53	45.31	29.14	9.24	7.96	4.7	2.150	97.6
1013	3/5/2012 2:16:19	9.53	45.26	29.11	9.22	7.96	4.5	2.102	97.3
1014	3/5/2012 2:31:19	9.56	45.21	29.08	9.24	7.96	4.6	2.097	97.6
1015	3/5/2012 2:46:19	9.59	45.11	29.00	9.23	7.97	4.4	2.070	97.5
1016	3/5/2012 3:01:19	9.47	45.54	29.30	9.20	7.96	4.4	2.058	97.2
1017	3/5/2012 3:16:19	9.48	45.31	29.14	9.23	7.96	4.5	2.058	97.4
1018	3/5/2012 3:31:19	9.51	45.23	29.08	9.21	7.96	4.2	2.072	97.2
1019	3/5/2012 3:46:19	9.51	45.24	29.09	9.29	7.96	4.3	2.114	98.1
1020	3/5/2012 4:01:19	9.46	45.52	29.29	9.27	7.96	5.1	2.143	97.9
1021	3/5/2012 4:16:19	9.42	45.68	29.40	9.30	7.96	5.7	2.204	98.2
1022	3/5/2012 4:31:19	9.45	45.35	29.17	9.32	7.96	5.3	2.267	98.3
1023	3/5/2012 4:46:19	9.41	45.68	29.40	9.30	7.96	5.1	2.327	98.1
1024	3/5/2012 5:01:19	9.39	45.99	29.62	9.31	7.96	5.6	2.393	98.3
1025	3/5/2012 5:16:19	9.37	46.22	29.78	9.31	7.96	5.7	2.448	98.4
1026	3/5/2012 5:31:19	9.36	46.37	29.89	9.32	7.97	5.6	2.532	98.6
1027	3/5/2012 5:46:19	9.34	46.52	29.99	9.35	7.97	5.6	2.586	98.8
1028	3/5/2012 6:01:19	9.31	46.68	30.11	9.36	7.97	6.0	2.662	99.0
1029	3/5/2012 6:16:19	9.24	46.89	30.26	9.43	7.97	5.6	2.730	99.7
1030	3/5/2012 6:31:19	9.24	47.01	30.34	9.44	7.98	6.1	2.803	99.9
1031	3/5/2012 6:46:19	9.22	47.50	30.69	9.44	7.97	5.8	2.875	100.1
1032	3/5/2012 7:01:19	9.23	48.10	31.12	9.36	7.97	5.4	2.936	99.4
1033	3/5/2012 7:16:19	9.22	48.40	31.33	9.34	7.96	5.7	3.024	99.3
1034	3/5/2012 7:31:19	9.22	48.80	31.62	9.33	7.96	6.9	3.097	99.5
1035	3/5/2012 7:46:19	9.20	48.97	31.74	9.33	7.96	6.9	3.167	99.5
1036	3/5/2012 8:01:19	9.18	49.24	31.93	9.31	7.96	7.8	3.240	99.3
1037	3/5/2012 8:16:19	9.16	49.29	31.97	9.30	7.96	7.5	3.302	99.2
1038	3/5/2012 8:31:19	9.14	49.35	32.01	9.31	7.96	6.9	3.356	99.3
1039	3/5/2012 8:46:19	9.12	49.47	32.10	9.31	7.96	6.1	3.388	99.3
1040	3/5/2012 9:01:19	9.11	49.65	32.22	9.27	7.96	5.1	3.414	99.0
1041	3/5/2012 9:16:19	9.11	49.67	32.24	9.30	7.96	6.0	3.423	99.3
1042	3/5/2012 9:31:19	9.13	49.55	32.16	9.24	7.96	5.4	3.415	98.6
1043	3/5/2012 9:46:19	9.21	48.92	31.70	9.38	7.96	5.1	3.395	100.0
1044	3/5/2012 10:01:19	9.19	49.14	31.86	9.33	7.96	6.1	3.340	99.6
1045	3/5/2012 10:16:19	9.36	47.67	30.82	9.42	7.97	5.1	3.290	100.2
1046	3/5/2012 10:31:19	9.39	47.58	30.76	9.46	7.97	4.7	3.206	100.7
1047	3/5/2012 10:46:19	9.27	48.47	31.39	9.37	7.96	6.3	3.112	99.8
1048	3/5/2012 11:01:19	9.30	47.94	31.01	9.39	7.97	8.9	3.026	99.9
1049	3/5/2012 11:16:19	9.32	47.79	30.90	9.36	7.96	6.2	2.922	99.5
1050	3/5/2012 11:31:19	9.41	47.34	30.59	9.41	7.97	6.0	2.830	100.1
1051	3/5/2012 11:46:19	9.49	47.44	30.66	9.63	7.99	4.6	2.731	102.6
1052	3/5/2012 12:01:19	9.52	47.39	30.63	9.68	7.99	4.7	2.622	103.2
1053	3/5/2012 12:16:19	9.57	46.95	30.32	9.74	7.99	6.1	2.524	103.7
1054	3/5/2012 12:31:19	9.65	46.57	30.05	9.82	7.99	5.6	2.406	104.6
1055	3/5/2012 12:46:19	9.73	46.01	29.66	9.66	7.99	6.8	2.274	102.9
1056	3/5/2012 13:01:19	9.80	46.21	29.81	9.97	8.01	5.7	2.164	106.4
1057	3/5/2012 13:16:19	9.84	46.12	29.74	9.90	8.02	5.6	2.039	105.7
1058	3/5/2012 13:31:19	9.91	46.09	29.72	10.01	8.03	5.6	1.897	107.1
1059	3/5/2012 13:46:19	10.02	46.05	29.70	10.19	8.05	5.6	1.766	109.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1060	3/5/2012 14:01:19	10.12	45.68	29.44	10.09	8.04	5.7	1.645	108.2
1061	3/5/2012 14:16:19	10.15	45.53	29.34	9.97	8.03	5.4	1.538	106.8
1062	3/5/2012 14:31:19	10.23	45.37	29.23	9.90	8.03	5.8	1.415	106.2
1063	3/5/2012 14:46:19	10.32	45.17	29.09	9.81	8.03	5.2	1.324	105.4
1064	3/5/2012 15:01:19	10.37	45.15	29.08	9.83	8.03	5.8	1.255	105.8
1065	3/5/2012 15:16:19	10.41	45.08	29.03	9.81	8.03	5.5	1.206	105.6
1066	3/5/2012 15:31:19	10.47	45.05	29.02	9.83	8.04	6.6	1.167	105.9
1067	3/5/2012 15:46:19	10.42	45.13	29.07	9.85	8.04	5.7	1.154	106.1
1068	3/5/2012 16:01:19	10.37	45.21	29.12	9.85	8.03	5.3	1.198	106.0
1069	3/5/2012 16:16:18	10.31	45.24	29.14	9.81	8.02	4.8	1.215	105.4
1070	3/5/2012 16:31:19	10.26	45.23	29.13	9.75	8.02	4.8	1.269	104.7
1071	3/5/2012 16:46:19	10.29	45.27	29.16	9.74	8.02	4.3	1.325	104.7
1072	3/5/2012 17:01:19	10.28	44.80	28.82	9.72	8.01	5.0	1.413	104.2
1073	3/5/2012 17:16:19	10.21	44.69	28.74	9.66	8.00	5.5	1.473	103.3
1074	3/5/2012 17:31:19	10.15	44.55	28.64	9.61	8.00	5.6	1.536	102.5
1075	3/5/2012 17:46:19	10.12	44.60	28.67	9.60	7.99	5.9	1.638	102.4
1076	3/5/2012 18:01:19	10.09	44.67	28.72	9.57	7.99	5.3	1.697	102.0
1077	3/5/2012 18:16:19	10.07	44.64	28.70	9.53	7.99	5.3	1.784	101.6
1078	3/5/2012 18:31:19	9.96	45.02	28.96	9.48	7.98	5.7	1.873	101.0
1079	3/5/2012 18:46:19	9.87	45.48	29.29	9.48	7.98	5.9	1.965	101.0
1080	3/5/2012 19:01:19	9.77	45.97	29.63	9.47	7.98	6.1	2.063	100.8
1081	3/5/2012 19:16:19	9.71	46.28	29.85	9.47	7.98	6.4	2.152	100.9
1082	3/5/2012 19:31:19	9.72	46.22	29.81	9.53	7.99	6.6	2.245	101.5
1083	3/5/2012 19:46:19	9.71	46.33	29.89	9.57	7.99	7.2	2.342	102.0
1084	3/5/2012 20:01:19	9.65	46.54	30.03	9.52	7.98	7.3	2.429	101.4
1085	3/5/2012 20:16:18	9.61	46.72	30.16	9.47	7.97	8.1	2.507	100.9
1086	3/5/2012 20:31:19	9.60	46.80	30.21	9.45	7.97	8.6	2.593	100.7
1087	3/5/2012 20:46:19	9.57	47.10	30.42	9.47	7.97	9.8	2.674	101.0
1088	3/5/2012 21:01:19	9.54	47.26	30.54	9.46	7.97	10.1	2.748	100.8
1089	3/5/2012 21:16:19	9.50	47.54	30.73	9.45	7.97	9.5	2.844	100.8
1090	3/5/2012 21:31:19	9.46	48.11	31.14	9.47	7.97	10.3	2.898	101.1
1091	3/5/2012 21:46:19	9.42	48.44	31.38	9.47	7.97	9.7	2.963	101.2
1092	3/5/2012 22:01:19	9.38	48.91	31.71	9.46	7.97	8.6	3.030	101.2
1093	3/5/2012 22:16:19	9.35	49.13	31.87	9.43	7.97	7.5	3.063	100.9
1094	3/5/2012 22:31:19	9.34	49.24	31.95	9.39	7.97	6.0	3.068	100.5
1095	3/5/2012 22:46:19	9.33	49.29	31.98	9.27	7.96	5.1	3.115	99.3
1096	3/5/2012 23:01:19	9.33	49.32	32.00	9.33	7.96	5.9	3.117	99.9
1097	3/5/2012 23:16:19	9.34	49.30	31.99	9.36	7.96	8.2	3.049	100.3
1098	3/5/2012 23:31:19	9.36	48.97	31.75	9.42	7.97	10.0	3.000	100.8
1099	3/5/2012 23:46:19	9.34	48.28	31.26	9.41	7.97	11.2	2.961	100.4
1100	3/6/2012 0:01:19	9.28	48.42	31.35	9.44	7.97	14.2	2.882	100.5
1101	3/6/2012 0:16:19	9.26	48.59	31.48	9.44	7.97	14.8	2.797	100.6
1102	3/6/2012 0:31:19	9.29	48.05	31.09	9.44	7.97	15.8	2.690	100.4
1103	3/6/2012 0:46:19	9.36	47.38	30.61	9.43	7.98	14.9	2.614	100.2
1104	3/6/2012 1:01:19	9.31	47.31	30.56	9.43	7.98	14.2	2.540	100.1
1105	3/6/2012 1:16:19	9.31	46.92	30.28	9.39	7.97	16.2	2.448	99.4
1106	3/6/2012 1:31:19	9.34	46.55	30.02	9.38	7.97	15.7	2.359	99.3
1107	3/6/2012 1:46:19	9.42	46.09	29.69	9.38	7.97	15.7	2.267	99.2
1108	3/6/2012 2:01:19	9.56	45.52	29.29	9.34	7.97	15.3	2.202	98.8
1109	3/6/2012 2:16:19	9.35	45.82	29.49	9.31	7.96	11.4	2.113	98.1
1110	3/6/2012 2:31:19	9.37	45.67	29.39	9.30	7.97	11.2	2.030	98.0
1111	3/6/2012 2:46:19	9.57	45.11	29.01	9.33	7.97	11.1	1.970	98.5
1112	3/6/2012 3:01:19	9.58	45.10	29.00	9.33	7.97	11.2	1.922	98.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1113	3/6/2012 3:16:19	9.52	45.26	29.11	9.33	7.98	9.7	1.871	98.5
1114	3/6/2012 3:31:19	9.58	45.20	29.07	9.32	7.98	9.2	1.831	98.5
1115	3/6/2012 3:46:19	9.65	45.07	28.99	9.35	7.98	9.2	1.832	98.9
1116	3/6/2012 4:01:19	9.59	45.10	29.00	9.32	7.98	8.6	1.834	98.5
1117	3/6/2012 4:16:19	9.58	45.14	29.03	9.25	7.97	8.8	1.840	97.7
1118	3/6/2012 4:31:19	9.58	45.18	29.06	9.26	7.97	9.7	1.886	97.9
1119	3/6/2012 4:46:19	9.52	45.21	29.08	9.27	7.96	10.1	1.955	97.9
1120	3/6/2012 5:01:19	9.53	45.31	29.14	9.26	7.96	9.6	2.005	97.9
1121	3/6/2012 5:16:19	9.52	45.36	29.18	9.25	7.96	9.5	2.075	97.7
1122	3/6/2012 5:31:19	9.53	45.42	29.23	9.27	7.96	8.7	2.168	98.0
1123	3/6/2012 5:46:19	9.53	45.56	29.33	9.27	7.96	9.4	2.243	98.1
1124	3/6/2012 6:01:19	9.47	46.26	29.82	9.28	7.96	10.6	2.313	98.3
1125	3/6/2012 6:16:19	9.44	46.62	30.07	9.28	7.96	10.3	2.383	98.4
1126	3/6/2012 6:31:19	9.38	46.63	30.08	9.33	7.96	9.9	2.465	98.8
1127	3/6/2012 6:46:19	9.42	47.03	30.36	9.32	7.96	9.4	2.525	99.0
1128	3/6/2012 7:01:19	9.36	47.35	30.59	9.36	7.97	10.3	2.616	99.4
1129	3/6/2012 7:16:19	9.32	47.46	30.67	9.37	7.97	9.1	2.698	99.5
1130	3/6/2012 7:31:19	9.32	47.71	30.84	9.36	7.97	8.8	2.783	99.5
1131	3/6/2012 7:46:19	9.30	47.97	31.03	9.36	7.96	9.8	2.862	99.6
1132	3/6/2012 8:01:19	9.23	48.22	31.21	9.39	7.96	11.6	2.943	99.8
1133	3/6/2012 8:16:19	9.22	48.46	31.38	9.37	7.96	10.0	3.040	99.7
1134	3/6/2012 8:31:19	9.19	48.61	31.48	9.37	7.96	9.5	3.109	99.7
1135	3/6/2012 8:46:19	9.14	48.74	31.57	9.38	7.96	10.2	3.198	99.8
1136	3/6/2012 9:01:19	9.09	49.15	31.87	9.38	7.96	9.5	3.255	99.8
1137	3/6/2012 9:16:19	9.05	49.43	32.06	9.36	7.96	7.9	3.317	99.7
1138	3/6/2012 9:31:19	9.03	49.57	32.16	9.35	7.96	7.8	3.379	99.6
1139	3/6/2012 9:46:19	8.99	49.73	32.28	9.37	7.96	7.3	3.401	99.8
1140	3/6/2012 10:01:19	8.98	49.81	32.33	9.32	7.96	6.3	3.435	99.2
1141	3/6/2012 10:16:19	9.00	49.72	32.27	9.31	7.96	6.7	3.436	99.1
1142	3/6/2012 10:31:19	9.03	49.58	32.17	9.37	7.96	10.3	3.412	99.8
1143	3/6/2012 10:46:19	9.13	49.28	31.96	9.52	7.97	15.2	3.375	101.5
1144	3/6/2012 11:01:19	9.18	49.32	31.99	9.68	7.98	15.9	3.312	103.3
1145	3/6/2012 11:16:19	9.20	49.45	32.09	9.71	7.98	14.8	3.242	103.7
1146	3/6/2012 11:31:19	9.24	49.48	32.11	9.73	7.98	13.9	3.164	104.1
1147	3/6/2012 11:46:19	9.32	49.20	31.91	9.74	7.99	13.9	3.065	104.3
1148	3/6/2012 12:01:19	9.43	48.79	31.63	9.75	7.99	16.0	2.974	104.5
1149	3/6/2012 12:16:19	9.53	48.72	31.58	9.90	8.00	16.3	2.861	106.3
1150	3/6/2012 12:31:19	9.67	48.37	31.34	9.83	8.00	20.6	2.760	105.6
1151	3/6/2012 12:46:19	9.81	48.14	31.19	9.87	8.00	24.4	2.631	106.3
1152	3/6/2012 13:01:19	9.72	46.82	30.23	9.66	7.98	23.1	2.511	103.2
1153	3/6/2012 13:16:19	9.76	46.74	30.18	9.70	7.98	22.6	2.395	103.6
1154	3/6/2012 13:31:19	9.81	46.64	30.11	9.81	7.99	21.7	2.250	104.9
1155	3/6/2012 13:46:19	9.85	46.48	30.00	9.75	7.99	24.7	2.148	104.3
1156	3/6/2012 14:01:19	9.94	46.37	29.93	9.81	8.00	24.5	2.011	105.0
1157	3/6/2012 14:16:18	10.06	46.28	29.87	9.81	8.01	26.7	1.851	105.4
1158	3/6/2012 14:31:19	10.05	46.19	29.81	9.79	8.01	25.7	1.737	105.0
1159	3/6/2012 14:46:19	10.06	46.07	29.72	9.78	8.01	26.3	1.593	104.9
1160	3/6/2012 15:01:19	10.06	46.04	29.70	9.73	8.01	24.2	1.457	104.3
1161	3/6/2012 15:16:19	10.04	45.90	29.60	9.70	8.00	23.7	1.342	103.9
1162	3/6/2012 15:31:19	10.07	45.82	29.54	9.69	8.00	20.7	1.248	103.8
1163	3/6/2012 15:46:19	10.14	45.66	29.43	9.71	8.01	20.2	1.154	104.1
1164	3/6/2012 16:01:19	10.17	45.55	29.35	9.65	8.00	18.3	1.110	103.5
1165	3/6/2012 16:16:19	10.21	45.38	29.24	9.62	8.01	18.0	1.067	103.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1166	3/6/2012 16:31:19	10.21	45.43	29.27	9.64	8.01	17.8	1.049	103.5
1167	3/6/2012 16:46:19	10.29	44.94	28.93	9.67	8.01	18.8	1.111	103.7
1168	3/6/2012 17:01:19	10.27	45.00	28.97	9.65	8.01	17.2	1.162	103.4
1169	3/6/2012 17:16:19	10.26	44.91	28.91	9.64	8.01	17.6	1.243	103.3
1170	3/6/2012 17:31:19	10.19	45.23	29.13	9.61	8.00	14.8	1.311	102.9
1171	3/6/2012 17:46:19	10.18	45.18	29.09	9.56	8.00	15.0	1.372	102.4
1172	3/6/2012 18:01:19	10.13	45.33	29.19	9.57	8.00	13.3	1.480	102.4
1173	3/6/2012 18:16:19	10.18	44.81	28.83	9.62	8.00	16.2	1.547	102.9
1174	3/6/2012 18:31:19	10.17	44.76	28.79	9.59	8.00	15.4	1.628	102.5
1175	3/6/2012 18:46:19	10.17	44.81	28.82	9.59	8.00	15.4	1.711	102.5
1176	3/6/2012 19:01:19	10.15	45.05	29.00	9.56	7.99	13.5	1.800	102.2
1177	3/6/2012 19:16:19	10.05	45.25	29.14	9.56	7.99	14.4	1.904	102.1
1178	3/6/2012 19:31:19	9.94	45.84	29.55	9.53	7.98	12.1	1.997	101.8
1179	3/6/2012 19:46:19	9.87	45.95	29.62	9.56	7.99	12.6	2.107	102.1
1180	3/6/2012 20:01:19	9.80	45.89	29.58	9.63	7.99	14.4	2.204	102.6
1181	3/6/2012 20:16:19	9.73	45.89	29.57	9.68	7.99	17.1	2.322	103.0
1182	3/6/2012 20:31:19	9.65	45.81	29.51	9.71	7.99	13.3	2.416	103.1
1183	3/6/2012 20:46:19	9.56	46.22	29.80	9.68	7.99	12.0	2.508	102.8
1184	3/6/2012 21:01:19	9.57	46.99	30.35	9.61	7.98	18.2	2.595	102.3
1185	3/6/2012 21:16:19	9.54	47.07	30.40	9.60	7.98	18.4	2.688	102.2
1186	3/6/2012 21:31:19	9.48	47.30	30.57	9.59	7.98	24.0	2.762	102.1
1187	3/6/2012 21:46:19	9.36	47.97	31.03	9.65	7.98	27.6	2.852	102.8
1188	3/6/2012 22:01:19	9.26	48.54	31.44	9.72	7.99	22.0	2.929	103.6
1189	3/6/2012 22:16:19	9.16	49.16	31.87	9.77	7.99	18.6	2.995	104.2
1190	3/6/2012 22:31:19	9.11	49.23	31.92	9.77	7.99	13.3	3.044	104.1
1191	3/6/2012 22:46:19	9.09	49.23	31.92	9.77	7.99	11.3	3.109	104.0
1192	3/6/2012 23:01:19	9.06	49.29	31.96	9.75	7.99	9.8	3.145	103.7
1193	3/6/2012 23:16:19	9.04	49.27	31.95	9.67	7.99	7.0	3.157	102.9
1194	3/6/2012 23:31:19	9.05	48.71	31.55	9.67	7.99	11.8	3.159	102.6
1195	3/6/2012 23:46:19	9.00	48.65	31.50	9.65	7.99	15.1	3.139	102.2
1196	3/7/2012 0:01:19	8.92	47.66	30.78	9.73	7.99	13.2	3.108	102.5
1197	3/7/2012 0:16:19	8.97	48.06	31.07	9.67	7.99	12.8	3.035	102.1
1198	3/7/2012 0:31:19	8.99	48.32	31.26	9.66	7.99	13.8	2.951	102.2
1199	3/7/2012 0:46:19	8.91	48.65	31.49	9.69	7.99	11.5	2.865	102.5
1200	3/7/2012 1:01:19	8.90	48.73	31.55	9.69	7.99	10.9	2.791	102.5
1201	3/7/2012 1:16:19	8.95	48.05	31.06	9.65	7.99	10.2	2.681	101.8
1202	3/7/2012 1:31:19	8.98	47.63	30.77	9.59	7.99	10.9	2.605	101.1
1203	3/7/2012 1:46:19	9.11	47.01	30.33	9.57	7.98	15.5	2.477	100.9
1204	3/7/2012 2:01:19	9.02	47.09	30.38	9.56	7.99	12.3	2.385	100.6
1205	3/7/2012 2:16:19	9.17	46.10	29.68	9.54	7.99	14.2	2.291	100.3
1206	3/7/2012 2:31:19	9.03	46.22	29.76	9.51	7.98	11.5	2.167	99.7
1207	3/7/2012 2:46:19	8.99	46.16	29.72	9.48	7.99	12.6	2.073	99.3
1208	3/7/2012 3:01:19	9.07	46.10	29.68	9.47	7.99	12.1	1.962	99.3
1209	3/7/2012 3:16:19	9.04	46.03	29.63	9.46	7.99	12.6	1.858	99.1
1210	3/7/2012 3:31:19	9.07	45.86	29.51	9.45	7.99	12.9	1.780	99.1
1211	3/7/2012 3:46:19	9.04	45.77	29.44	9.44	7.99	12.0	1.695	98.8
1212	3/7/2012 4:01:19	9.09	45.59	29.32	9.43	7.99	11.9	1.627	98.8
1213	3/7/2012 4:16:19	9.08	45.56	29.30	9.42	7.99	11.4	1.573	98.6
1214	3/7/2012 4:31:19	9.05	45.51	29.26	9.40	7.99	11.5	1.579	98.3
1215	3/7/2012 4:46:19	9.09	45.51	29.26	9.38	7.99	10.6	1.563	98.2
1216	3/7/2012 5:01:19	9.07	45.57	29.30	9.41	7.99	10.3	1.576	98.5
1217	3/7/2012 5:16:19	9.09	45.59	29.32	9.42	7.99	10.3	1.614	98.7
1218	3/7/2012 5:31:19	9.12	45.57	29.30	9.45	7.99	10.4	1.683	99.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1219	3/7/2012 5:46:19	9.02	45.24	29.06	9.46	7.99	11.7	1.753	98.7
1220	3/7/2012 6:01:19	9.11	45.27	29.09	9.43	7.99	11.0	1.831	98.6
1221	3/7/2012 6:16:19	9.16	45.33	29.13	9.41	7.98	11.0	1.925	98.6
1222	3/7/2012 6:31:19	9.17	45.42	29.20	9.41	7.98	12.0	2.030	98.6
1223	3/7/2012 6:46:19	9.15	46.36	29.87	9.45	7.98	14.4	2.121	99.5
1224	3/7/2012 7:01:19	9.13	46.32	29.84	9.44	7.98	11.1	2.208	99.3
1225	3/7/2012 7:16:19	9.13	46.73	30.13	9.47	7.98	10.1	2.296	99.8
1226	3/7/2012 7:31:19	9.10	46.87	30.23	9.52	7.98	11.9	2.401	100.2
1227	3/7/2012 7:46:19	9.07	47.34	30.56	9.56	7.98	11.2	2.475	100.9
1228	3/7/2012 8:01:19	9.02	47.41	30.61	9.56	7.99	10.6	2.573	100.8
1229	3/7/2012 8:16:19	9.04	47.64	30.78	9.57	7.98	11.9	2.659	101.0
1230	3/7/2012 8:31:19	8.95	47.76	30.85	9.60	7.99	12.5	2.751	101.2
1231	3/7/2012 8:46:19	8.86	48.07	31.07	9.63	7.98	19.9	2.844	101.4
1232	3/7/2012 9:01:19	8.83	48.32	31.25	9.64	7.98	17.6	2.928	101.6
1233	3/7/2012 9:16:19	8.79	48.44	31.33	9.65	7.98	15.2	3.013	101.7
1234	3/7/2012 9:31:19	8.77	48.83	31.61	9.64	7.98	17.3	3.102	101.7
1235	3/7/2012 9:46:19	8.67	49.46	32.05	9.66	7.97	18.9	3.178	102.0
1236	3/7/2012 10:01:19	8.65	49.72	32.24	9.67	7.97	14.0	3.261	102.2
1237	3/7/2012 10:16:19	8.60	49.98	32.42	9.65	7.97	12.9	3.336	102.0
1238	3/7/2012 10:31:19	8.59	50.18	32.56	9.62	7.96	10.6	3.397	101.7
1239	3/7/2012 10:46:19	8.57	50.33	32.67	9.58	7.96	9.5	3.441	101.4
1240	3/7/2012 11:01:19	8.56	50.42	32.73	9.50	7.96	7.3	3.450	100.5
1241	3/7/2012 11:16:19	8.57	50.28	32.63	9.53	7.96	6.6	3.460	100.8
1242	3/7/2012 11:31:19	8.57	50.47	32.77	9.49	7.96	9.6	3.435	100.5
1243	3/7/2012 11:46:19	8.65	50.23	32.61	9.61	7.97	14.1	3.373	101.8
1244	3/7/2012 12:01:19	8.93	49.58	32.16	9.86	7.99	12.8	3.285	104.8
1245	3/7/2012 12:16:19	9.18	49.34	32.01	9.89	7.99	14.8	3.201	105.6
1246	3/7/2012 12:31:19	9.22	49.49	32.12	9.86	7.99	10.7	3.099	105.4
1247	3/7/2012 12:46:19	9.37	48.77	31.61	9.86	8.00	10.0	2.979	105.4
1248	3/7/2012 13:01:19	9.31	48.39	31.33	9.86	8.00	11.7	2.868	105.1
1249	3/7/2012 13:16:19	9.49	48.02	31.08	9.93	8.01	11.4	2.758	106.1
1250	3/7/2012 13:31:19	9.66	48.06	31.12	10.00	8.01	10.4	2.630	107.3
1251	3/7/2012 13:46:19	9.74	48.43	31.39	10.11	8.02	8.7	2.505	108.9
1252	3/7/2012 14:01:19	9.85	47.62	30.82	10.13	8.02	11.7	2.365	108.9
1253	3/7/2012 14:16:19	10.01	47.27	30.57	10.35	8.03	10.6	2.242	111.5
1254	3/7/2012 14:31:19	10.03	47.02	30.40	10.05	8.02	13.3	2.095	108.2
1255	3/7/2012 14:46:19	10.20	46.80	30.25	10.17	8.04	12.4	1.960	109.8
1256	3/7/2012 15:01:19	10.31	46.59	30.10	10.24	8.06	13.8	1.816	110.7
1257	3/7/2012 15:16:19	10.28	46.52	30.05	10.19	8.05	13.0	1.666	110.1
1258	3/7/2012 15:31:19	10.28	46.28	29.89	10.14	8.05	13.7	1.529	109.4
1259	3/7/2012 15:46:19	10.23	46.14	29.78	10.08	8.04	13.1	1.399	108.5
1260	3/7/2012 16:01:19	10.21	45.91	29.61	10.03	8.04	12.2	1.276	107.8
1261	3/7/2012 16:16:19	10.25	45.69	29.46	10.05	8.04	11.8	1.159	108.1
1262	3/7/2012 16:31:19	10.29	45.50	29.32	10.04	8.04	14.4	1.092	108.0
1263	3/7/2012 16:46:19	10.30	45.41	29.26	9.98	8.04	11.5	1.052	107.3
1264	3/7/2012 17:01:19	10.33	45.50	29.33	10.01	8.04	12.2	1.023	107.7
1265	3/7/2012 17:16:19	10.29	45.52	29.34	10.00	8.04	10.2	1.067	107.5
1266	3/7/2012 17:31:19	10.24	45.62	29.41	9.99	8.04	9.7	1.126	107.4
1267	3/7/2012 17:46:18	10.20	45.57	29.37	9.98	8.03	9.3	1.200	107.2
1268	3/7/2012 18:01:19	10.19	45.61	29.40	9.98	8.03	9.7	1.278	107.1
1269	3/7/2012 18:16:18	10.14	45.38	29.23	9.94	8.02	10.3	1.361	106.4
1270	3/7/2012 18:31:19	10.11	44.63	28.70	9.95	8.01	11.2	1.458	106.1
1271	3/7/2012 18:46:19	10.11	44.77	28.79	9.92	8.01	10.5	1.535	105.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1272	3/7/2012 19:01:19	10.11	44.92	28.90	9.91	8.01	9.5	1.616	105.8
1273	3/7/2012 19:16:19	10.11	45.41	29.25	9.85	8.01	9.4	1.721	105.5
1274	3/7/2012 19:31:19	10.00	45.55	29.34	9.82	8.01	10.3	1.828	104.9
1275	3/7/2012 19:46:18	9.93	45.64	29.41	9.77	7.99	10.6	1.914	104.3
1276	3/7/2012 20:01:19	9.83	46.30	29.87	9.73	8.00	10.4	2.036	104.0
1277	3/7/2012 20:16:19	9.76	46.74	30.18	9.77	8.00	10.8	2.165	104.4
1278	3/7/2012 20:31:19	9.74	46.75	30.19	9.82	8.01	12.1	2.260	105.0
1279	3/7/2012 20:46:19	9.74	46.94	30.32	9.85	8.01	13.7	2.374	105.3
1280	3/7/2012 21:01:19	9.63	47.41	30.65	9.78	8.00	16.4	2.483	104.6
1281	3/7/2012 21:16:19	9.59	47.56	30.76	9.76	8.00	15.8	2.587	104.3
1282	3/7/2012 21:31:19	9.42	47.83	30.94	9.78	7.99	20.6	2.683	104.2
1283	3/7/2012 21:46:19	9.37	48.13	31.15	9.76	7.99	18.3	2.777	104.1
1284	3/7/2012 22:01:19	9.22	48.84	31.65	9.72	7.98	19.5	2.885	103.6
1285	3/7/2012 22:16:19	9.14	49.31	31.98	9.67	7.98	19.3	2.975	103.1
1286	3/7/2012 22:31:19	9.07	49.72	32.27	9.57	7.98	17.6	3.059	102.0
1287	3/7/2012 22:46:19	9.01	49.97	32.45	9.46	7.97	17.6	3.151	100.9
1288	3/7/2012 23:01:19	8.93	50.29	32.67	9.28	7.96	18.0	3.225	99.0
1289	3/7/2012 23:16:19	8.85	50.54	32.85	9.07	7.95	13.8	3.290	96.6
1290	3/7/2012 23:31:19	8.78	50.78	33.01	8.85	7.94	9.8	3.342	94.3
1291	3/7/2012 23:46:19	8.74	50.95	33.14	8.68	7.93	8.0	3.369	92.4
1292	3/8/2012 0:01:19	8.82	50.62	32.90	8.82	7.94	9.0	3.380	93.9
1293	3/8/2012 0:16:18	8.77	50.75	32.99	8.70	7.92	9.6	3.355	92.6
1294	3/8/2012 0:31:19	8.90	50.22	32.62	8.97	7.95	10.8	3.299	95.5
1295	3/8/2012 0:46:19	8.88	50.00	32.46	9.08	7.95	11.7	3.224	96.6
1296	3/8/2012 1:01:19	8.94	49.79	32.31	9.15	7.95	12.3	3.140	97.3
1297	3/8/2012 1:16:19	9.02	49.28	31.95	9.34	7.97	13.1	3.030	99.3
1298	3/8/2012 1:31:19	9.08	48.50	31.40	9.54	7.98	17.7	2.900	101.2
1299	3/8/2012 1:46:19	9.08	48.40	31.32	9.51	7.98	9.5	2.802	100.9
1300	3/8/2012 2:01:19	9.15	48.16	31.16	9.54	7.98	10.3	2.707	101.3
1301	3/8/2012 2:16:19	9.18	47.96	31.01	9.53	7.98	9.2	2.573	101.1
1302	3/8/2012 2:31:19	9.05	48.38	31.31	9.54	7.97	9.2	2.459	101.1
1303	3/8/2012 2:46:19	9.29	46.98	30.32	9.58	7.99	11.5	2.347	101.4
1304	3/8/2012 3:01:19	9.25	46.91	30.27	9.58	7.99	10.3	2.220	101.3
1305	3/8/2012 3:16:19	9.20	46.74	30.15	9.51	7.99	9.7	2.103	100.3
1306	3/8/2012 3:31:19	9.11	46.61	30.04	9.46	7.98	9.4	1.969	99.6
1307	3/8/2012 3:46:19	9.14	46.30	29.83	9.52	7.99	9.7	1.861	100.2
1308	3/8/2012 4:01:19	9.17	46.10	29.69	9.54	8.00	9.8	1.747	100.3
1309	3/8/2012 4:16:19	9.17	46.05	29.65	9.55	8.00	9.5	1.622	100.3
1310	3/8/2012 4:31:19	9.19	45.98	29.60	9.56	8.00	9.5	1.531	100.5
1311	3/8/2012 4:46:18	9.22	45.83	29.50	9.58	8.00	9.4	1.463	100.7
1312	3/8/2012 5:01:19	9.24	45.79	29.47	9.54	8.01	8.6	1.415	100.3
1313	3/8/2012 5:16:19	9.24	45.80	29.48	9.56	8.01	8.1	1.375	100.6
1314	3/8/2012 5:31:19	9.22	45.80	29.47	9.56	8.01	7.8	1.388	100.5
1315	3/8/2012 5:46:19	9.23	45.83	29.49	9.58	8.01	7.1	1.428	100.7
1316	3/8/2012 6:01:19	9.26	45.87	29.52	9.59	8.01	7.7	1.472	100.9
1317	3/8/2012 6:16:19	9.22	45.88	29.53	9.55	8.00	8.0	1.542	100.4
1318	3/8/2012 6:31:19	9.12	45.40	29.18	9.54	7.99	8.4	1.633	99.9
1319	3/8/2012 6:46:19	9.17	45.54	29.29	9.53	7.99	8.3	1.734	99.9
1320	3/8/2012 7:01:19	9.13	45.28	29.10	9.54	7.99	8.5	1.819	99.8
1321	3/8/2012 7:16:19	9.18	45.47	29.24	9.52	7.99	8.4	1.911	99.8
1322	3/8/2012 7:31:19	9.23	46.14	29.72	9.50	7.99	9.6	2.019	100.1
1323	3/8/2012 7:46:19	9.23	46.27	29.81	9.51	7.98	8.7	2.130	100.2
1324	3/8/2012 8:01:19	9.25	46.94	30.29	9.52	7.98	8.7	2.216	100.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1325	3/8/2012 8:16:19	9.27	47.32	30.56	9.59	7.99	8.5	2.319	101.6
1326	3/8/2012 8:31:19	9.28	47.45	30.66	9.61	7.99	8.6	2.426	101.9
1327	3/8/2012 8:46:19	9.25	47.59	30.76	9.62	7.99	9.4	2.522	102.1
1328	3/8/2012 9:01:19	9.23	47.82	30.92	9.59	7.99	11.1	2.614	101.8
1329	3/8/2012 9:16:19	9.20	47.98	31.03	9.55	7.98	12.5	2.711	101.4
1330	3/8/2012 9:31:19	9.11	48.30	31.25	9.50	7.98	16.7	2.815	100.8
1331	3/8/2012 9:46:19	9.07	48.61	31.47	9.47	7.97	14.7	2.909	100.4
1332	3/8/2012 10:01:19	9.01	49.01	31.75	9.37	7.97	15.1	3.006	99.5
1333	3/8/2012 10:16:19	8.86	49.66	32.22	9.12	7.94	17.2	3.098	96.8
1334	3/8/2012 10:31:19	8.74	50.21	32.60	8.82	7.93	18.0	3.199	93.6
1335	3/8/2012 10:46:19	8.71	50.57	32.85	8.62	7.92	16.2	3.283	91.5
1336	3/8/2012 11:01:19	8.70	50.69	32.94	8.51	7.92	14.0	3.363	90.4
1337	3/8/2012 11:16:19	8.63	50.89	33.08	8.34	7.91	13.2	3.427	88.6
1338	3/8/2012 11:31:19	8.66	51.00	33.16	8.25	7.91	9.4	3.471	87.7
1339	3/8/2012 11:46:19	8.62	51.15	33.27	8.09	7.90	8.4	3.513	86.0
1340	3/8/2012 12:01:19	8.68	50.95	33.13	8.23	7.91	10.1	3.506	87.5
1341	3/8/2012 12:16:19	8.63	51.22	33.32	8.02	7.90	9.8	3.489	85.2
1342	3/8/2012 12:31:19	8.64	51.13	33.25	8.10	7.90	12.3	3.452	86.1
1343	3/8/2012 12:46:19	9.24	50.07	32.53	9.08	7.97	10.3	3.371	97.4
1344	3/8/2012 13:01:19	9.46	49.63	32.23	9.30	7.97	11.7	3.280	100.0
1345	3/8/2012 13:16:19	9.56	49.39	32.07	9.24	7.97	10.1	3.168	99.6
1346	3/8/2012 13:31:19	9.72	48.99	31.79	9.53	7.98	7.7	3.048	102.8
1347	3/8/2012 13:46:19	9.75	48.88	31.72	9.61	7.99	7.7	2.922	103.7
1348	3/8/2012 14:01:19	9.76	48.89	31.72	9.69	7.99	8.7	2.803	104.6
1349	3/8/2012 14:16:19	10.04	48.08	31.16	9.81	8.01	7.8	2.675	106.2
1350	3/8/2012 14:31:18	10.02	48.23	31.26	9.82	8.00	8.2	2.541	106.3
1351	3/8/2012 14:46:19	10.14	47.90	31.04	9.88	8.01	8.8	2.414	107.1
1352	3/8/2012 15:01:19	10.31	47.94	31.07	10.07	8.03	7.4	2.257	109.5
1353	3/8/2012 15:16:19	10.47	47.64	30.87	10.28	8.04	7.7	2.121	112.1
1354	3/8/2012 15:31:19	10.68	47.63	30.88	10.38	8.06	7.6	1.994	113.6
1355	3/8/2012 15:46:19	10.72	47.07	30.48	10.55	8.06	8.3	1.835	115.3
1356	3/8/2012 16:01:19	10.78	46.78	30.27	10.46	8.06	8.3	1.699	114.4
1357	3/8/2012 16:16:19	10.77	46.55	30.10	10.42	8.05	8.9	1.553	113.8
1358	3/8/2012 16:31:19	10.79	46.37	29.98	10.33	8.06	7.6	1.427	112.8
1359	3/8/2012 16:46:19	10.84	46.19	29.85	10.32	8.06	7.1	1.314	112.6
1360	3/8/2012 17:01:19	10.93	45.97	29.70	10.34	8.06	6.9	1.209	113.0
1361	3/8/2012 17:16:19	10.99	45.73	29.53	10.31	8.06	6.5	1.145	112.8
1362	3/8/2012 17:31:19	11.03	45.69	29.50	10.32	8.06	7.4	1.118	112.9
1363	3/8/2012 17:46:18	10.96	45.83	29.59	10.30	8.06	6.3	1.148	112.6
1364	3/8/2012 18:01:19	10.90	45.88	29.63	10.29	8.06	6.0	1.177	112.3
1365	3/8/2012 18:16:19	10.84	45.96	29.68	10.26	8.05	6.1	1.266	111.9
1366	3/8/2012 18:31:19	10.81	46.00	29.71	10.25	8.05	6.2	1.348	111.7
1367	3/8/2012 18:46:19	10.79	45.64	29.45	10.17	8.04	7.1	1.427	110.6
1368	3/8/2012 19:01:19	10.77	45.77	29.55	10.16	8.04	6.9	1.530	110.5
1369	3/8/2012 19:16:19	10.76	45.76	29.54	10.12	8.03	7.3	1.617	110.1
1370	3/8/2012 19:31:18	10.74	45.78	29.55	10.10	8.03	7.2	1.710	109.8
1371	3/8/2012 19:46:19	10.72	45.92	29.65	10.10	8.03	7.3	1.810	109.8
1372	3/8/2012 20:01:19	10.59	46.17	29.82	10.05	8.02	7.6	1.905	109.1
1373	3/8/2012 20:16:19	10.44	46.55	30.09	9.93	8.01	7.6	2.006	107.6
1374	3/8/2012 20:31:19	10.34	46.65	30.15	9.89	8.01	8.3	2.126	107.0
1375	3/8/2012 20:46:19	10.16	47.17	30.51	9.88	8.01	8.9	2.239	106.8
1376	3/8/2012 21:01:19	10.16	47.27	30.59	9.90	8.01	9.1	2.349	107.0
1377	3/8/2012 21:16:19	10.11	47.47	30.72	9.85	8.01	10.6	2.465	106.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1378	3/8/2012 21:31:19	10.02	47.75	30.92	9.75	8.00	11.4	2.573	105.3
1379	3/8/2012 21:46:18	9.94	47.87	31.00	9.66	7.98	12.6	2.681	104.2
1380	3/8/2012 22:01:19	9.79	48.23	31.25	9.55	7.98	16.9	2.788	102.8
1381	3/8/2012 22:16:19	9.70	48.57	31.49	9.45	7.97	17.2	2.892	101.8
1382	3/8/2012 22:31:19	9.54	49.20	31.93	9.18	7.95	16.4	2.996	98.7
1383	3/8/2012 22:46:19	9.32	50.08	32.55	8.75	7.94	17.3	3.097	94.0
1384	3/8/2012 23:01:19	9.19	50.55	32.88	8.55	7.93	15.1	3.192	91.8
1385	3/8/2012 23:16:19	9.12	50.69	32.98	8.43	7.92	13.6	3.281	90.5
1386	3/8/2012 23:31:19	9.02	50.96	33.16	8.25	7.91	12.6	3.372	88.4
1387	3/8/2012 23:46:19	8.92	51.22	33.34	8.06	7.90	11.5	3.435	86.3
1388	3/9/2012 0:01:19	8.85	51.32	33.41	7.93	7.90	9.2	3.502	84.8
1389	3/9/2012 0:16:19	8.80	51.48	33.52	7.77	7.89	7.9	3.542	83.1
1390	3/9/2012 0:31:19	9.08	50.84	33.08	8.10	7.92	7.3	3.547	86.9
1391	3/9/2012 0:46:19	8.83	51.41	33.48	7.75	7.89	8.8	3.547	82.9
1392	3/9/2012 1:01:19	8.81	51.48	33.52	7.73	7.89	9.2	3.498	82.6
1393	3/9/2012 1:16:19	9.05	50.74	33.00	8.17	7.91	11.1	3.419	87.5
1394	3/9/2012 1:31:19	9.30	49.96	32.47	8.69	7.94	9.8	3.331	93.3
1395	3/9/2012 1:46:19	9.24	50.19	32.62	8.46	7.93	13.5	3.213	90.8
1396	3/9/2012 2:01:19	9.47	49.38	32.06	8.84	7.95	14.7	3.095	95.0
1397	3/9/2012 2:16:19	9.58	48.77	31.62	9.07	7.96	10.4	2.962	97.5
1398	3/9/2012 2:31:19	9.54	49.10	31.86	8.93	7.95	9.0	2.841	96.0
1399	3/9/2012 2:46:19	9.62	48.85	31.69	8.98	7.95	8.2	2.716	96.6
1400	3/9/2012 3:01:19	9.75	48.27	31.27	9.15	7.97	10.5	2.575	98.4
1401	3/9/2012 3:16:19	9.74	48.38	31.36	9.17	7.96	8.3	2.442	98.7
1402	3/9/2012 3:31:19	9.93	47.63	30.83	9.38	7.98	10.4	2.309	101.0
1403	3/9/2012 3:46:19	9.84	47.83	30.97	9.34	7.97	9.5	2.183	100.5
1404	3/9/2012 4:01:19	9.95	47.28	30.58	9.31	7.97	9.4	2.031	100.2
1405	3/9/2012 4:16:19	10.06	46.99	30.38	9.40	7.98	10.2	1.880	101.2
1406	3/9/2012 4:31:19	10.10	46.95	30.35	9.44	7.98	10.0	1.750	101.8
1407	3/9/2012 4:46:19	10.20	46.69	30.17	9.49	7.99	9.4	1.605	102.4
1408	3/9/2012 5:01:19	10.31	46.39	29.97	9.60	8.00	9.5	1.491	103.7
1409	3/9/2012 5:16:19	10.39	46.21	29.84	9.68	8.01	9.0	1.383	104.6
1410	3/9/2012 5:31:19	10.42	46.14	29.79	9.67	8.01	8.2	1.277	104.6
1411	3/9/2012 5:46:19	10.43	46.07	29.74	9.61	8.01	8.8	1.219	103.9
1412	3/9/2012 6:01:19	10.44	45.98	29.68	9.59	8.01	8.5	1.189	103.7
1413	3/9/2012 6:16:19	10.42	46.05	29.73	9.61	8.01	7.6	1.207	103.9
1414	3/9/2012 6:31:19	10.39	46.15	29.80	9.64	8.01	6.8	1.246	104.2
1415	3/9/2012 6:46:19	10.38	46.15	29.80	9.66	8.01	6.5	1.299	104.4
1416	3/9/2012 7:01:19	10.35	46.18	29.82	9.67	8.01	6.5	1.412	104.4
1417	3/9/2012 7:16:19	10.28	45.90	29.61	9.60	8.00	7.9	1.486	103.4
1418	3/9/2012 7:31:19	10.28	45.87	29.59	9.59	8.00	7.3	1.570	103.3
1419	3/9/2012 7:46:19	10.25	45.83	29.56	9.55	7.99	7.8	1.675	102.7
1420	3/9/2012 8:01:19	10.24	45.89	29.60	9.52	7.99	8.1	1.771	102.5
1421	3/9/2012 8:16:19	10.20	46.19	29.81	9.50	7.99	8.3	1.874	102.3
1422	3/9/2012 8:31:19	10.13	46.54	30.06	9.43	7.98	7.6	1.964	101.5
1423	3/9/2012 8:46:19	10.05	47.05	30.42	9.38	7.98	7.6	2.073	101.1
1424	3/9/2012 9:01:19	10.01	47.30	30.60	9.40	7.98	7.9	2.178	101.3
1425	3/9/2012 9:16:19	9.99	47.65	30.85	9.46	7.98	8.6	2.287	102.1
1426	3/9/2012 9:31:19	9.98	47.76	30.92	9.44	7.98	7.8	2.389	101.8
1427	3/9/2012 9:46:18	9.94	47.82	30.97	9.40	7.97	9.2	2.485	101.4
1428	3/9/2012 10:01:19	9.87	48.12	31.18	9.31	7.97	9.8	2.599	100.3
1429	3/9/2012 10:16:19	9.81	48.30	31.31	9.22	7.96	11.5	2.692	99.4
1430	3/9/2012 10:31:19	9.71	48.62	31.52	9.14	7.96	12.9	2.777	98.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	DO%
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters	
1431	3/9/2012 10:46:19	9.65	48.82	31.67	9.06	7.95	11.7	2.875	97.5
1432	3/9/2012 11:01:19	9.57	49.03	31.81	8.96	7.95	11.8	2.970	96.3
1433	3/9/2012 11:16:19	9.29	49.92	32.43	8.55	7.92	16.6	3.060	91.7
1434	3/9/2012 11:31:19	9.19	50.40	32.77	8.35	7.92	14.1	3.139	89.6
1435	3/9/2012 11:46:19	9.14	50.63	32.94	8.20	7.91	12.5	3.224	88.0
1436	3/9/2012 12:01:19	9.12	50.85	33.09	8.10	7.90	12.3	3.303	86.9
1437	3/9/2012 12:16:19	9.09	50.92	33.14	8.01	7.90	10.1	3.359	86.0
1438	3/9/2012 12:31:19	9.00	51.19	33.33	7.88	7.90	7.6	3.395	84.5
	Mean	9.47	47.59	30.77	9.51	8.00	8.92	2.383	101.32
	Minimum	8.21	44.55	28.64	7.73	7.89	3.90	1.023	82.60
	Maximum	11.66	51.48	33.52	10.55	8.09	41.60	3.547	115.30

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	3/9/2012 13:16:19	8.93	50.81	33.05	7.60	7.97	8.7	3.443	81.3
1	3/9/2012 13:31:19	8.95	50.77	33.02	7.64	7.96	10.6	3.393	81.6
2	3/9/2012 13:46:19	9.80	49.42	32.11	8.57	8.01	11.5	3.321	92.8
3	3/9/2012 14:01:19	9.97	49.29	32.03	8.69	8.01	7.4	3.214	94.4
4	3/9/2012 14:16:19	9.95	49.07	31.87	8.77	8.02	10.0	3.102	95.2
5	3/9/2012 14:31:19	10.09	48.88	31.74	8.95	8.03	7.3	2.985	97.3
6	3/9/2012 14:46:19	10.18	48.68	31.60	8.98	8.02	8.3	2.852	97.7
7	3/9/2012 15:01:19	10.17	48.69	31.61	9.12	8.04	10.4	2.732	99.2
8	3/9/2012 15:16:19	10.39	48.16	31.24	9.21	8.05	7.8	2.598	100.5
9	3/9/2012 15:31:19	10.42	48.03	31.15	9.24	8.04	8.4	2.478	100.8
10	3/9/2012 15:46:19	10.59	47.60	30.85	9.44	8.07	7.1	2.344	103.1
11	3/9/2012 16:01:19	10.68	47.27	30.61	9.67	8.11	7.9	2.196	105.7
12	3/9/2012 16:16:19	10.71	47.42	30.73	9.85	8.13	7.9	2.070	107.8
13	3/9/2012 16:31:19	10.79	47.11	30.50	9.77	8.10	7.7	1.937	107.0
14	3/9/2012 16:46:19	10.94	46.78	30.28	9.93	8.13	7.3	1.793	108.9
15	3/9/2012 17:01:19	11.04	46.42	30.03	9.91	8.11	7.3	1.671	108.8
16	3/9/2012 17:16:19	11.09	46.38	30.00	9.79	8.10	6.8	1.560	107.6
17	3/9/2012 17:31:19	11.14	46.22	29.89	9.74	8.09	6.8	1.452	107.0
18	3/9/2012 17:46:19	11.19	46.09	29.79	9.70	8.10	7.2	1.370	106.6
19	3/9/2012 18:01:19	11.24	45.92	29.67	9.66	8.10	7.5	1.322	106.2
20	3/9/2012 18:16:19	11.25	45.84	29.62	9.59	8.10	6.1	1.299	105.5
21	3/9/2012 18:31:19	11.22	45.93	29.68	9.64	8.07	7.2	1.310	106.1
22	3/9/2012 18:46:19	11.17	46.03	29.75	9.67	8.11	6.3	1.363	106.3
23	3/9/2012 19:01:19	11.17	46.07	29.78	9.68	8.11	6.9	1.430	106.4
24	3/9/2012 19:16:19	11.14	46.14	29.83	9.67	8.11	7.3	1.510	106.2
25	3/9/2012 19:31:19	11.21	45.60	29.45	9.61	8.09	9.0	1.613	105.5
26	3/9/2012 19:46:19	11.20	45.46	29.35	9.59	8.08	8.3	1.703	105.2
27	3/9/2012 20:01:19	11.18	45.61	29.45	9.57	8.08	8.1	1.805	105.0
28	3/9/2012 20:16:19	11.10	45.94	29.68	9.59	8.07	7.9	1.901	105.2
29	3/9/2012 20:31:19	11.02	46.20	29.86	9.57	8.07	7.4	1.991	104.9
30	3/9/2012 20:46:19	10.89	46.57	30.12	9.48	8.06	7.2	2.115	103.8
31	3/9/2012 21:01:19	10.59	47.25	30.59	9.27	8.05	8.3	2.215	101.1
32	3/9/2012 21:16:19	10.48	47.54	30.79	9.22	8.05	8.3	2.317	100.4
33	3/9/2012 21:31:19	10.46	47.63	30.86	9.20	8.02	8.4	2.432	100.3
34	3/9/2012 21:46:19	10.44	47.76	30.96	9.18	8.08	9.4	2.546	100.0
35	3/9/2012 22:01:19	10.33	48.02	31.13	9.05	8.00	10.1	2.656	98.6
36	3/9/2012 22:16:19	10.23	48.30	31.33	8.93	7.99	11.9	2.743	97.2
37	3/9/2012 22:31:19	10.08	48.63	31.56	8.79	7.97	14.5	2.854	95.4
38	3/9/2012 22:46:19	9.94	49.02	31.83	8.66	7.96	14.0	2.967	93.9
39	3/9/2012 23:01:19	9.78	49.41	32.10	8.45	7.95	17.3	3.069	91.5
40	3/9/2012 23:16:19	9.47	50.21	32.66	8.13	7.93	15.0	3.179	87.7
41	3/9/2012 23:31:19	9.34	50.44	32.81	8.03	7.93	13.4	3.292	86.4
42	3/9/2012 23:46:19	9.28	50.67	32.97	7.93	8.00	16.1	3.372	85.4
43	3/10/2012 0:01:19	9.22	50.76	33.04	7.87	7.93	13.4	3.479	84.6
44	3/10/2012 0:16:19	9.18	50.83	33.08	7.82	7.94	10.6	3.574	84.0
45	3/10/2012 0:31:19	9.16	50.85	33.10	7.77	7.94	9.6	3.633	83.5
46	3/10/2012 0:46:19	9.08	50.92	33.14	7.72	7.94	7.2	3.691	82.9
47	3/10/2012 1:01:19	9.06	50.90	33.12	7.66	7.94	5.6	3.709	82.1
48	3/10/2012 1:16:19	9.24	50.60	32.92	7.80	7.96	8.7	3.694	83.9
49	3/10/2012 1:31:19	9.27	50.55	32.89	7.85	7.96	8.1	3.690	84.4
50	3/10/2012 1:46:19	9.11	50.86	33.10	7.71	7.95	8.4	3.630	82.7
51	3/10/2012 2:01:19	9.42	50.11	32.58	8.08	7.97	8.6	3.534	87.1
52	3/10/2012 2:16:19	9.48	49.76	32.33	8.23	7.97	7.4	3.421	88.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
53	3/10/2012 2:31:19	9.57	49.50	32.15	8.38	7.96	9.5	3.313	90.4
54	3/10/2012 2:46:19	9.68	49.20	31.94	8.46	7.97	14.8	3.186	91.3
55	3/10/2012 3:01:19	9.76	49.08	31.86	8.53	7.98	10.6	3.048	92.1
56	3/10/2012 3:16:19	9.71	49.18	31.93	8.44	7.98	9.4	2.925	91.1
57	3/10/2012 3:31:19	9.79	48.82	31.67	8.60	8.02	10.1	2.805	92.9
58	3/10/2012 3:46:19	9.83	48.76	31.64	8.60	7.98	8.4	2.668	92.9
59	3/10/2012 4:01:19	9.97	48.35	31.35	8.61	8.00	8.1	2.527	93.1
60	3/10/2012 4:16:19	10.14	47.70	30.89	8.70	8.00	10.4	2.376	94.2
61	3/10/2012 4:31:19	9.85	48.47	31.43	8.71	8.05	8.3	2.258	94.0
62	3/10/2012 4:46:19	10.18	47.54	30.78	8.87	8.04	10.3	2.089	96.0
63	3/10/2012 5:01:19	10.36	47.11	30.49	8.88	8.01	11.7	1.944	96.3
64	3/10/2012 5:16:19	10.28	47.16	30.51	8.86	8.03	10.9	1.810	95.9
65	3/10/2012 5:31:19	10.38	47.08	30.46	8.99	8.01	11.6	1.653	97.5
66	3/10/2012 5:46:19	10.45	46.98	30.39	9.07	8.02	10.9	1.522	98.6
67	3/10/2012 6:01:19	10.59	46.65	30.17	9.11	8.04	10.7	1.404	99.1
68	3/10/2012 6:16:19	10.65	46.49	30.06	9.12	8.05	9.7	1.270	99.3
69	3/10/2012 6:31:19	10.68	46.36	29.96	9.10	8.05	8.5	1.186	99.1
70	3/10/2012 6:46:19	10.71	46.24	29.88	9.03	8.03	7.8	1.169	98.4
71	3/10/2012 7:01:19	10.64	46.35	29.96	8.93	8.03	7.4	1.122	97.1
72	3/10/2012 7:16:19	10.66	46.43	30.01	9.11	8.05	8.4	1.175	99.2
73	3/10/2012 7:31:19	10.64	46.49	30.05	9.12	8.04	8.1	1.235	99.3
74	3/10/2012 7:46:19	10.63	46.55	30.09	9.14	8.04	7.9	1.302	99.5
75	3/10/2012 8:01:19	10.60	46.59	30.12	9.12	8.04	7.2	1.415	99.3
76	3/10/2012 8:16:19	10.53	46.09	29.76	9.06	8.03	7.5	1.507	98.2
77	3/10/2012 8:31:19	10.53	46.27	29.89	9.05	8.02	7.8	1.589	98.2
78	3/10/2012 8:46:19	10.50	46.08	29.75	9.02	8.03	7.5	1.695	97.7
79	3/10/2012 9:01:19	10.49	46.44	30.01	8.99	8.02	8.6	1.808	97.5
80	3/10/2012 9:16:19	10.39	46.90	30.33	8.92	8.01	8.8	1.896	96.8
81	3/10/2012 9:31:20	10.42	46.57	30.10	8.93	7.99	7.9	2.004	96.8
82	3/10/2012 9:46:19	10.30	47.35	30.65	8.82	8.00	7.8	2.118	95.6
83	3/10/2012 10:01:19	10.26	47.55	30.79	8.86	8.02	8.1	2.214	96.1
84	3/10/2012 10:16:19	10.28	47.84	31.00	8.89	8.01	8.6	2.316	96.6
85	3/10/2012 10:31:19	10.23	48.02	31.13	8.86	8.00	9.3	2.425	96.2
86	3/10/2012 10:46:19	10.15	48.19	31.24	8.79	7.98	10.1	2.546	95.4
87	3/10/2012 11:01:19	10.07	48.43	31.41	8.71	7.97	10.5	2.642	94.4
88	3/10/2012 11:16:19	9.98	48.60	31.53	8.64	7.95	12.0	2.735	93.6
89	3/10/2012 11:31:19	9.84	48.91	31.75	8.58	7.95	13.9	2.835	92.8
90	3/10/2012 11:46:20	9.72	49.19	31.93	8.52	7.97	14.7	2.915	92.0
91	3/10/2012 12:01:20	9.54	49.72	32.31	8.58	7.97	14.1	3.008	92.5
92	3/10/2012 12:16:19	9.42	50.03	32.52	8.57	7.93	13.6	3.098	92.2
93	3/10/2012 12:31:19	9.35	50.20	32.64	8.56	7.93	12.6	3.164	92.1
94	3/10/2012 12:46:19	9.34	50.23	32.66	8.63	7.94	10.3	3.249	92.9
95	3/10/2012 13:01:19	9.28	50.48	32.84	8.70	7.95	8.3	3.313	93.5
96	3/10/2012 13:16:19	9.25	50.59	32.92	8.72	7.95	6.8	3.360	93.8
97	3/10/2012 13:31:19	9.22	50.57	32.89	8.71	7.96	5.9	3.377	93.6
98	3/10/2012 13:46:19	9.39	50.27	32.70	8.65	7.97	6.3	3.420	93.2
99	3/10/2012 14:01:19	9.26	50.58	32.91	8.67	7.96	6.9	3.385	93.3
100	3/10/2012 14:16:19	9.24	50.51	32.85	8.69	7.96	8.3	3.337	93.4
101	3/10/2012 14:31:19	9.89	49.73	32.34	9.04	8.03	8.4	3.262	98.2
102	3/10/2012 14:46:19	10.04	49.42	32.13	9.07	8.03	8.6	3.154	98.8
103	3/10/2012 15:01:19	10.03	49.36	32.08	8.94	8.02	7.8	3.068	97.3
104	3/10/2012 15:16:19	10.04	49.27	32.02	8.96	8.02	7.7	2.941	97.5
105	3/10/2012 15:31:20	9.97	49.43	32.13	8.97	8.00	7.5	2.826	97.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
106	3/10/2012 15:46:19	10.13	49.03	31.85	8.95	8.02	8.6	2.725	97.5
107	3/10/2012 16:01:19	10.33	48.62	31.57	9.07	8.03	7.2	2.606	99.0
108	3/10/2012 16:16:19	10.31	48.67	31.60	9.08	8.03	7.2	2.490	99.1
109	3/10/2012 16:31:19	10.53	48.04	31.16	9.14	8.05	7.0	2.399	100.0
110	3/10/2012 16:46:19	10.48	48.31	31.35	9.33	8.05	6.7	2.269	102.1
111	3/10/2012 17:01:19	10.63	47.75	30.96	9.44	8.06	6.5	2.135	103.3
112	3/10/2012 17:16:19	10.71	47.64	30.88	9.63	8.09	6.1	2.031	105.6
113	3/10/2012 17:31:19	10.86	47.16	30.55	9.59	8.09	6.5	1.927	105.2
114	3/10/2012 17:46:19	10.87	47.11	30.51	9.57	8.08	6.2	1.814	105.0
115	3/10/2012 18:01:19	10.97	46.87	30.35	9.54	8.09	6.2	1.716	104.8
116	3/10/2012 18:16:19	11.02	46.80	30.30	9.52	8.09	6.5	1.633	104.6
117	3/10/2012 18:31:19	11.06	46.72	30.24	9.48	8.09	6.8	1.557	104.2
118	3/10/2012 18:46:19	11.09	46.63	30.17	9.41	8.09	6.1	1.519	103.5
119	3/10/2012 19:01:19	11.09	46.54	30.11	9.40	8.09	6.2	1.498	103.4
120	3/10/2012 19:16:19	11.06	46.66	30.20	9.36	8.09	6.5	1.504	103.0
121	3/10/2012 19:31:19	11.04	46.68	30.21	9.45	8.08	6.1	1.543	103.9
122	3/10/2012 19:46:19	11.00	46.77	30.27	9.42	8.07	6.5	1.607	103.4
123	3/10/2012 20:01:19	10.95	46.81	30.30	9.40	8.07	7.0	1.680	103.2
124	3/10/2012 20:16:19	10.97	46.29	29.93	9.36	8.05	9.7	1.766	102.5
125	3/10/2012 20:31:19	10.96	46.25	29.90	9.34	8.04	7.9	1.871	102.3
126	3/10/2012 20:46:19	10.92	46.54	30.10	9.31	8.03	7.9	1.980	102.0
127	3/10/2012 21:01:20	10.82	47.03	30.45	9.26	8.03	7.7	2.081	101.5
128	3/10/2012 21:16:19	10.71	47.26	30.61	9.20	8.02	6.4	2.177	100.6
129	3/10/2012 21:31:19	10.52	47.87	31.03	9.05	8.01	7.2	2.279	98.9
130	3/10/2012 21:46:19	10.41	48.16	31.24	8.98	7.99	7.3	2.380	98.0
131	3/10/2012 22:01:19	10.37	48.28	31.32	8.97	7.97	7.6	2.479	97.8
132	3/10/2012 22:16:19	10.32	48.42	31.42	8.95	7.97	7.9	2.577	97.6
133	3/10/2012 22:31:19	10.24	48.68	31.60	8.92	7.96	9.2	2.671	97.2
134	3/10/2012 22:46:19	10.15	48.88	31.74	8.88	7.96	10.6	2.779	96.7
135	3/10/2012 23:01:19	10.02	49.12	31.91	8.85	7.94	13.5	2.875	96.2
136	3/10/2012 23:16:20	9.84	49.48	32.15	8.84	7.99	13.7	2.986	95.9
137	3/10/2012 23:31:19	9.66	49.85	32.41	8.91	7.94	13.4	3.090	96.4
138	3/10/2012 23:46:20	9.47	50.28	32.71	9.02	8.00	14.3	3.203	97.3
139	3/11/2012 0:01:19	9.41	50.41	32.80	9.04	7.96	13.2	3.315	97.4
140	3/11/2012 0:16:19	9.36	50.41	32.80	9.05	7.97	13.1	3.415	97.5
141	3/11/2012 0:31:19	9.28	50.61	32.93	9.10	7.98	11.9	3.523	97.9
142	3/11/2012 0:46:19	9.21	50.68	32.98	9.14	7.99	10.1	3.614	98.2
143	3/11/2012 1:01:19	9.20	50.65	32.95	9.14	7.99	8.1	3.683	98.2
144	3/11/2012 1:16:19	9.14	50.69	32.98	9.15	7.99	7.5	3.744	98.2
145	3/11/2012 1:31:19	9.13	50.68	32.97	9.11	7.99	6.4	3.787	97.8
146	3/11/2012 1:46:19	9.29	50.41	32.78	9.03	8.00	6.1	3.808	97.1
147	3/11/2012 2:01:19	9.30	50.36	32.75	9.02	7.99	7.8	3.802	97.0
148	3/11/2012 2:16:19	9.34	50.24	32.67	9.05	8.00	6.8	3.753	97.3
149	3/11/2012 2:31:19	9.32	50.34	32.74	9.05	7.99	7.6	3.694	97.4
150	3/11/2012 2:46:20	9.37	50.22	32.66	9.02	7.98	9.7	3.594	97.1
151	3/11/2012 3:01:19	9.27	50.27	32.68	9.12	7.99	7.4	3.496	97.9
152	3/11/2012 3:16:19	9.42	49.88	32.41	9.05	7.98	7.5	3.380	97.3
153	3/11/2012 3:31:19	9.54	49.81	32.37	8.98	7.98	11.4	3.245	96.9
154	3/11/2012 3:46:19	9.55	49.84	32.40	8.97	7.98	10.0	3.112	96.8
155	3/11/2012 4:01:19	9.54	49.83	32.39	8.96	7.97	11.6	2.991	96.6
156	3/11/2012 4:16:20	9.66	49.57	32.21	8.92	7.98	10.5	2.864	96.3
157	3/11/2012 4:31:19	9.58	49.42	32.10	8.93	7.97	9.2	2.737	96.2
158	3/11/2012 4:46:19	9.63	49.37	32.06	8.97	7.98	9.0	2.606	96.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
159	3/11/2012 5:01:20	9.80	48.98	31.79	8.96	7.98	11.0	2.470	96.8
160	3/11/2012 5:16:19	9.72	49.08	31.86	8.94	7.97	11.1	2.342	96.4
161	3/11/2012 5:31:19	9.81	48.70	31.59	8.91	7.96	10.4	2.188	96.2
162	3/11/2012 5:46:19	10.04	48.13	31.20	8.89	7.97	12.2	2.020	96.2
163	3/11/2012 6:01:20	10.20	47.64	30.86	8.90	8.00	12.8	1.893	96.4
164	3/11/2012 6:16:19	10.19	47.69	30.88	8.87	7.98	12.4	1.747	96.1
165	3/11/2012 6:31:19	10.25	47.54	30.78	8.88	7.99	10.9	1.606	96.3
166	3/11/2012 6:46:19	10.30	47.39	30.68	8.89	8.00	10.3	1.459	96.5
167	3/11/2012 7:01:19	10.41	47.08	30.46	8.93	8.01	9.4	1.350	97.0
168	3/11/2012 7:16:19	10.45	46.92	30.35	8.91	8.01	9.7	1.253	96.8
169	3/11/2012 7:31:19	10.48	46.75	30.23	8.88	8.02	9.5	1.183	96.5
170	3/11/2012 7:46:19	10.49	46.60	30.13	8.87	8.02	9.3	1.144	96.3
171	3/11/2012 8:01:20	10.45	46.70	30.19	8.78	8.00	9.0	1.122	95.3
172	3/11/2012 8:16:19	10.44	46.65	30.16	8.93	8.02	9.5	1.184	96.9
173	3/11/2012 8:31:19	10.44	46.74	30.22	8.92	8.01	10.9	1.243	96.8
174	3/11/2012 8:46:19	10.41	46.76	30.23	8.95	8.01	9.5	1.336	97.1
175	3/11/2012 9:01:19	10.35	46.24	29.86	8.94	7.99	10.4	1.451	96.5
176	3/11/2012 9:16:19	10.37	46.54	30.07	8.94	8.00	8.9	1.545	96.7
177	3/11/2012 9:31:19	10.34	46.23	29.85	8.90	7.98	9.2	1.637	96.1
178	3/11/2012 9:46:19	10.32	46.37	29.95	8.90	7.99	9.4	1.729	96.1
179	3/11/2012 10:01:19	10.33	46.68	30.17	8.89	7.99	9.7	1.827	96.2
180	3/11/2012 10:16:19	10.34	46.86	30.30	8.90	7.99	9.2	1.927	96.4
181	3/11/2012 10:31:20	10.26	47.39	30.68	8.88	7.98	9.1	2.034	96.3
182	3/11/2012 10:46:20	10.21	47.69	30.89	8.87	7.98	8.6	2.127	96.2
183	3/11/2012 11:01:19	10.25	47.83	30.99	8.91	7.99	9.3	2.231	96.7
184	3/11/2012 11:16:20	10.25	47.95	31.08	8.95	8.00	8.9	2.332	97.2
185	3/11/2012 11:31:19	10.22	48.16	31.23	8.93	7.97	10.1	2.429	97.1
186	3/11/2012 11:46:19	10.18	48.30	31.33	8.94	7.97	10.3	2.526	97.2
187	3/11/2012 12:01:19	10.13	48.38	31.38	8.95	7.96	10.4	2.612	97.2
188	3/11/2012 12:16:19	10.09	48.56	31.50	8.97	7.96	13.0	2.704	97.4
189	3/11/2012 12:31:20	10.09	48.83	31.70	9.02	8.01	12.1	2.794	98.0
190	3/11/2012 12:46:19	10.03	48.97	31.80	9.04	7.95	10.6	2.876	98.2
191	3/11/2012 13:01:19	9.88	49.38	32.08	9.14	7.96	10.4	2.968	99.1
192	3/11/2012 13:16:20	9.79	49.65	32.27	9.17	8.00	10.2	3.036	99.3
193	3/11/2012 13:31:20	9.77	49.77	32.36	9.16	8.00	9.3	3.115	99.3
194	3/11/2012 13:46:20	9.70	49.88	32.43	9.17	8.00	7.9	3.184	99.3
195	3/11/2012 14:01:19	9.70	49.73	32.33	9.15	7.99	7.0	3.235	99.0
196	3/11/2012 14:16:19	9.73	49.74	32.33	9.16	8.05	5.7	3.267	99.2
197	3/11/2012 14:31:19	9.90	49.73	32.34	9.21	8.01	5.8	3.295	100.1
198	3/11/2012 14:46:19	9.79	49.74	32.34	9.15	8.00	6.8	3.299	99.2
199	3/11/2012 15:01:20	9.74	49.90	32.45	9.15	7.99	7.9	3.259	99.1
200	3/11/2012 15:16:20	9.72	49.87	32.43	9.12	7.99	8.4	3.209	98.8
201	3/11/2012 15:31:20	9.84	49.78	32.37	9.22	8.00	9.0	3.139	100.1
202	3/11/2012 15:46:20	10.40	49.26	32.03	9.48	8.03	8.9	3.056	103.9
203	3/11/2012 16:01:20	10.29	49.43	32.15	9.41	8.03	9.2	2.949	103.1
204	3/11/2012 16:16:20	10.52	48.88	31.77	9.46	8.03	8.2	2.847	103.8
205	3/11/2012 16:31:19	10.54	48.72	31.65	9.47	8.05	7.0	2.747	103.9
206	3/11/2012 16:46:19	10.58	48.60	31.56	9.43	8.06	8.4	2.644	103.5
207	3/11/2012 17:01:19	10.54	48.68	31.62	9.45	8.06	7.2	2.542	103.6
208	3/11/2012 17:16:20	10.57	48.51	31.50	9.42	8.04	7.9	2.444	103.4
209	3/11/2012 17:31:20	10.69	48.13	31.24	9.47	8.04	8.3	2.348	104.0
210	3/11/2012 17:46:19	10.72	47.87	31.05	9.44	8.05	8.1	2.249	103.7
211	3/11/2012 18:01:19	10.73	47.75	30.96	9.37	8.04	7.9	2.163	102.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
212	3/11/2012 18:16:19	10.74	47.68	30.91	9.43	8.06	7.5	2.076	103.4
213	3/11/2012 18:31:19	10.84	47.41	30.73	9.48	8.07	7.8	1.965	104.1
214	3/11/2012 18:46:19	10.85	47.32	30.66	9.54	8.08	8.5	1.902	104.7
215	3/11/2012 19:01:19	10.89	47.23	30.60	9.48	8.08	8.9	1.848	104.1
216	3/11/2012 19:16:19	10.95	47.13	30.53	9.43	8.07	8.1	1.776	103.7
217	3/11/2012 19:31:19	11.07	46.97	30.42	9.39	8.08	7.3	1.735	103.4
218	3/11/2012 19:46:19	11.07	46.86	30.34	9.37	8.08	6.5	1.736	103.2
219	3/11/2012 20:01:19	11.03	46.97	30.41	9.29	8.07	7.0	1.735	102.2
220	3/11/2012 20:16:19	11.01	46.98	30.42	9.42	8.07	6.9	1.760	103.6
221	3/11/2012 20:31:19	10.95	47.05	30.47	9.40	8.06	7.0	1.803	103.3
222	3/11/2012 20:46:19	10.94	47.06	30.48	9.40	8.05	7.3	1.872	103.3
223	3/11/2012 21:01:19	10.95	47.07	30.48	9.38	8.04	8.2	1.956	103.0
224	3/11/2012 21:16:19	11.01	46.88	30.35	9.35	8.02	8.3	2.053	102.8
225	3/11/2012 21:31:19	10.91	47.16	30.55	9.35	8.02	7.8	2.151	102.7
226	3/11/2012 21:46:19	10.82	47.53	30.81	9.31	8.01	7.6	2.238	102.3
227	3/11/2012 22:01:19	10.71	47.85	31.03	9.29	8.00	7.5	2.340	101.9
228	3/11/2012 22:16:19	10.59	48.17	31.26	9.25	7.99	7.5	2.433	101.3
229	3/11/2012 22:31:19	10.47	48.29	31.34	9.20	7.98	7.5	2.537	100.6
230	3/11/2012 22:46:19	10.44	48.48	31.47	9.20	7.98	8.1	2.621	100.7
231	3/11/2012 23:01:20	10.37	48.71	31.64	9.22	8.03	9.2	2.709	100.7
232	3/11/2012 23:16:19	10.25	48.96	31.81	9.20	7.96	10.6	2.800	100.4
233	3/11/2012 23:31:19	10.15	49.11	31.91	9.24	7.96	10.5	2.904	100.7
234	3/11/2012 23:46:20	9.94	49.37	32.08	9.29	8.04	13.0	2.996	100.8
235	3/12/2012 0:01:20	9.74	49.64	32.26	9.33	8.04	12.8	3.119	101.1
236	3/12/2012 0:16:20	9.60	49.84	32.40	9.39	8.04	13.1	3.217	101.4
237	3/12/2012 0:31:19	9.47	49.94	32.46	9.46	7.97	12.5	3.341	102.0
238	3/12/2012 0:46:20	9.39	50.23	32.67	9.50	8.05	12.6	3.432	102.3
239	3/12/2012 1:01:20	9.35	50.34	32.74	9.52	8.05	11.7	3.531	102.5
240	3/12/2012 1:16:20	9.32	50.38	32.77	9.53	8.05	9.5	3.621	102.5
241	3/12/2012 1:31:19	9.31	50.40	32.78	9.53	8.01	7.7	3.702	102.6
242	3/12/2012 1:46:20	9.32	50.28	32.70	9.53	8.05	7.3	3.771	102.5
243	3/12/2012 2:01:19	9.29	50.29	32.70	9.46	8.02	5.4	3.823	101.7
244	3/12/2012 2:16:19	9.27	50.35	32.74	9.45	8.02	5.3	3.848	101.6
245	3/12/2012 2:31:19	9.40	50.05	32.54	9.39	8.01	6.8	3.859	101.0
246	3/12/2012 2:46:20	9.38	49.91	32.43	9.35	8.02	7.2	3.818	100.5
247	3/12/2012 3:01:20	9.34	50.36	32.76	9.45	8.04	7.3	3.772	101.7
248	3/12/2012 3:16:20	9.33	50.06	32.54	9.38	8.02	9.2	3.729	100.8
249	3/12/2012 3:31:19	9.33	50.15	32.60	9.43	8.02	7.9	3.626	101.4
250	3/12/2012 3:46:20	9.37	49.98	32.48	9.35	8.02	7.6	3.504	100.5
251	3/12/2012 4:01:20	9.58	49.59	32.21	9.19	8.01	9.5	3.404	99.0
252	3/12/2012 4:16:20	9.56	49.54	32.18	9.21	8.01	10.0	3.281	99.3
253	3/12/2012 4:31:20	9.68	49.30	32.01	9.19	8.01	10.9	3.151	99.2
254	3/12/2012 4:46:19	9.78	49.12	31.89	9.12	7.98	11.3	3.029	98.6
255	3/12/2012 5:01:19	9.79	49.07	31.85	9.13	7.99	10.3	2.903	98.6
256	3/12/2012 5:16:20	9.61	49.42	32.09	9.19	8.01	10.6	2.779	99.1
257	3/12/2012 5:31:20	9.59	49.41	32.08	9.19	8.02	12.4	2.639	99.1
258	3/12/2012 5:46:20	9.78	48.97	31.78	9.16	8.01	12.8	2.515	99.0
259	3/12/2012 6:01:20	9.54	49.42	32.09	9.17	8.02	13.2	2.365	98.7
260	3/12/2012 6:16:20	9.72	48.92	31.74	9.14	8.02	14.9	2.223	98.6
261	3/12/2012 6:31:19	9.86	48.44	31.41	9.09	7.99	15.9	2.082	98.1
262	3/12/2012 6:46:20	9.91	48.20	31.24	9.07	8.03	15.6	1.958	97.9
263	3/12/2012 7:01:20	9.97	47.79	30.95	9.05	8.02	18.9	1.816	97.7
264	3/12/2012 7:16:19	9.96	47.59	30.80	9.05	7.99	22.2	1.669	97.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
265	3/12/2012 7:31:19	9.94	47.56	30.78	9.06	7.98	22.5	1.542	97.6
266	3/12/2012 7:46:20	9.98	47.37	30.65	9.06	8.03	26.0	1.424	97.6
267	3/12/2012 8:01:19	10.04	47.07	30.43	9.05	8.00	28.6	1.323	97.4
268	3/12/2012 8:16:19	10.07	46.93	30.33	9.03	8.00	23.6	1.239	97.3
269	3/12/2012 8:31:19	10.08	46.79	30.24	9.03	8.01	20.9	1.191	97.2
270	3/12/2012 8:46:20	10.08	46.78	30.23	8.98	8.03	20.1	1.168	96.7
271	3/12/2012 9:01:19	10.08	46.84	30.27	9.05	8.01	20.4	1.190	97.4
272	3/12/2012 9:16:20	10.06	47.06	30.43	9.06	8.03	22.5	1.232	97.6
273	3/12/2012 9:31:19	10.06	47.16	30.50	9.05	8.00	21.3	1.287	97.5
274	3/12/2012 9:46:19	10.03	46.26	29.85	9.09	7.98	22.6	1.404	97.6
275	3/12/2012 10:01:19	10.01	45.26	29.14	9.10	7.96	13.7	1.468	97.1
276	3/12/2012 10:16:20	10.02	45.89	29.59	9.05	8.01	12.6	1.546	96.9
277	3/12/2012 10:31:19	10.04	46.30	29.89	9.02	7.96	11.9	1.661	96.8
278	3/12/2012 10:46:19	10.04	46.53	30.05	9.03	7.97	11.5	1.746	97.0
279	3/12/2012 11:01:20	10.05	46.56	30.07	9.05	8.01	10.5	1.822	97.3
280	3/12/2012 11:16:19	10.04	47.12	30.47	9.05	7.97	10.9	1.896	97.5
281	3/12/2012 11:31:20	10.13	47.69	30.88	9.14	8.03	15.9	2.009	98.9
282	3/12/2012 11:46:20	10.19	47.93	31.06	9.16	8.03	12.5	2.093	99.4
283	3/12/2012 12:01:20	10.18	48.10	31.18	9.14	8.05	11.7	2.184	99.3
284	3/12/2012 12:16:19	10.14	48.24	31.28	9.16	7.99	10.8	2.286	99.4
285	3/12/2012 12:31:19	10.11	48.38	31.38	9.18	7.98	13.6	2.375	99.6
286	3/12/2012 12:46:20	10.06	48.50	31.47	9.20	8.04	11.6	2.448	99.7
287	3/12/2012 13:01:19	9.98	48.59	31.52	9.22	7.98	11.7	2.531	99.8
288	3/12/2012 13:16:19	9.91	48.79	31.66	9.25	7.97	11.9	2.620	100.2
289	3/12/2012 13:31:20	9.82	48.96	31.78	9.29	8.04	12.6	2.712	100.4
290	3/12/2012 13:46:20	9.73	49.14	31.90	9.36	8.04	12.5	2.782	101.1
291	3/12/2012 14:01:20	9.63	49.36	32.05	9.44	8.05	12.1	2.848	101.8
292	3/12/2012 14:16:19	9.56	49.46	32.12	9.49	7.98	11.9	2.908	102.3
293	3/12/2012 14:31:20	9.49	49.78	32.34	9.53	8.05	12.3	2.999	102.6
294	3/12/2012 14:46:20	9.43	49.89	32.42	9.55	8.06	10.6	3.058	102.8
295	3/12/2012 15:01:20	9.38	50.08	32.55	9.55	8.06	9.4	3.097	102.7
296	3/12/2012 15:16:20	9.31	50.24	32.67	9.53	8.06	7.4	3.151	102.4
297	3/12/2012 15:31:19	9.26	50.24	32.66	9.53	7.99	6.5	3.162	102.4
298	3/12/2012 15:46:19	9.27	50.35	32.74	9.48	7.99	6.0	3.160	101.9
299	3/12/2012 16:01:20	9.53	49.42	32.09	9.54	8.07	7.3	3.136	102.7
300	3/12/2012 16:16:19	9.57	49.46	32.12	9.52	8.01	8.8	3.096	102.6
301	3/12/2012 16:31:19	9.51	49.67	32.27	9.58	8.01	8.7	3.044	103.1
302	3/12/2012 16:46:20	9.62	49.43	32.11	9.48	8.06	10.6	2.989	102.2
303	3/12/2012 17:01:20	9.82	48.87	31.71	9.43	8.06	11.5	2.900	101.9
304	3/12/2012 17:16:20	9.90	48.64	31.55	9.41	8.07	14.5	2.806	101.8
305	3/12/2012 17:31:20	9.94	48.60	31.52	9.34	8.07	15.6	2.741	101.1
306	3/12/2012 17:46:19	9.90	48.65	31.56	9.30	8.00	15.1	2.649	100.6
307	3/12/2012 18:01:19	9.89	48.67	31.57	9.31	8.00	16.0	2.558	100.6
308	3/12/2012 18:16:19	9.90	48.65	31.56	9.27	8.00	16.8	2.492	100.3
309	3/12/2012 18:31:20	9.96	48.54	31.48	9.24	8.05	19.4	2.423	100.0
310	3/12/2012 18:46:20	9.92	48.52	31.47	9.20	8.05	21.2	2.338	99.5
311	3/12/2012 19:01:19	9.95	48.37	31.36	9.18	7.99	20.3	2.280	99.2
312	3/12/2012 19:16:19	10.01	48.24	31.27	9.17	7.99	20.0	2.230	99.2
313	3/12/2012 19:31:19	10.00	47.99	31.09	9.14	7.99	17.6	2.176	98.8
314	3/12/2012 19:46:19	10.04	47.87	31.01	9.13	7.99	18.6	2.111	98.7
315	3/12/2012 20:01:20	10.07	47.72	30.90	9.13	8.04	18.1	2.065	98.7
316	3/12/2012 20:16:19	10.09	47.53	30.76	9.11	7.99	15.0	2.041	98.5
317	3/12/2012 20:31:19	10.08	47.52	30.76	9.03	7.99	14.8	2.021	97.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
318	3/12/2012 20:46:20	10.07	47.62	30.83	9.09	8.04	13.9	2.035	98.2
319	3/12/2012 21:01:19	10.03	47.80	30.96	9.10	7.99	15.8	2.035	98.3
320	3/12/2012 21:16:20	10.01	48.00	31.10	9.13	8.04	14.6	2.089	98.7
321	3/12/2012 21:31:19	9.99	48.08	31.16	9.15	7.98	15.0	2.110	98.9
322	3/12/2012 21:46:19	9.91	48.33	31.33	9.18	7.98	13.9	2.169	99.1
323	3/12/2012 22:01:20	9.89	48.46	31.42	9.17	8.05	13.6	2.246	99.1
324	3/12/2012 22:16:20	9.83	48.59	31.51	9.20	8.05	12.0	2.310	99.3
325	3/12/2012 22:31:19	9.78	48.69	31.58	9.22	7.97	11.5	2.397	99.5
326	3/12/2012 22:46:20	9.76	48.81	31.67	9.24	8.06	12.5	2.477	99.7
327	3/12/2012 23:01:19	9.79	48.59	31.51	9.23	7.98	12.6	2.562	99.6
328	3/12/2012 23:16:20	9.83	48.56	31.49	9.21	8.06	14.1	2.642	99.5
329	3/12/2012 23:31:19	9.83	48.50	31.45	9.21	7.98	13.1	2.720	99.4
330	3/12/2012 23:46:20	9.76	48.87	31.71	9.26	8.05	14.8	2.802	99.9
331	3/13/2012 0:01:20	9.62	49.12	31.88	9.28	8.06	14.2	2.886	100.0
332	3/13/2012 0:16:20	9.50	49.37	32.05	9.32	8.06	14.8	3.009	100.3
333	3/13/2012 0:31:20	9.34	49.78	32.33	9.34	8.07	15.2	3.133	100.3
334	3/13/2012 0:46:19	9.26	49.87	32.40	9.37	7.96	12.8	3.227	100.4
335	3/13/2012 1:01:19	9.20	50.08	32.54	9.37	7.96	11.7	3.354	100.4
336	3/13/2012 1:16:20	9.11	50.42	32.78	9.37	8.06	11.1	3.463	100.3
337	3/13/2012 1:31:20	9.03	50.59	32.90	9.36	8.05	8.9	3.535	100.2
338	3/13/2012 1:46:20	8.98	50.69	32.97	9.35	8.05	7.2	3.597	100.0
339	3/13/2012 2:01:20	8.95	50.74	33.00	9.31	8.04	6.7	3.696	99.6
340	3/13/2012 2:16:20	8.92	50.51	32.83	9.32	8.04	5.4	3.735	99.5
341	3/13/2012 2:31:20	8.92	50.62	32.91	9.29	8.03	5.3	3.786	99.1
342	3/13/2012 2:46:19	8.92	50.69	32.96	9.18	7.95	4.7	3.817	98.1
343	3/13/2012 3:01:20	8.93	50.67	32.95	9.22	8.03	5.9	3.839	98.5
344	3/13/2012 3:16:20	8.97	50.66	32.94	9.26	8.03	7.0	3.835	99.0
345	3/13/2012 3:31:20	8.93	50.73	32.99	9.26	8.03	6.3	3.804	98.9
346	3/13/2012 3:46:20	8.96	50.66	32.94	9.27	8.03	6.8	3.765	99.1
347	3/13/2012 4:01:20	9.00	50.59	32.90	9.26	8.03	8.4	3.710	99.0
348	3/13/2012 4:16:20	9.13	49.93	32.43	9.27	8.04	8.8	3.634	99.1
349	3/13/2012 4:31:20	9.27	49.49	32.12	9.28	8.04	7.3	3.528	99.3
350	3/13/2012 4:46:19	9.30	49.16	31.88	9.24	7.96	9.2	3.429	98.8
351	3/13/2012 5:01:20	9.29	49.51	32.13	9.20	8.06	8.8	3.326	98.5
352	3/13/2012 5:16:20	9.32	49.07	31.83	9.19	8.06	9.4	3.219	98.3
353	3/13/2012 5:31:19	9.29	48.79	31.62	9.25	7.97	10.3	3.097	98.7
354	3/13/2012 5:46:19	9.37	48.66	31.53	9.23	7.97	10.1	2.971	98.7
355	3/13/2012 6:01:20	9.39	48.83	31.65	9.20	8.05	9.0	2.866	98.4
356	3/13/2012 6:16:20	9.39	48.76	31.60	9.16	8.06	9.4	2.742	98.0
357	3/13/2012 6:31:20	9.41	48.44	31.38	9.15	8.06	9.7	2.615	97.8
358	3/13/2012 6:46:20	9.43	48.12	31.14	9.13	8.06	11.4	2.494	97.4
359	3/13/2012 7:01:20	9.49	47.76	30.89	9.12	8.06	11.4	2.375	97.3
360	3/13/2012 7:16:19	9.49	48.01	31.07	9.08	7.95	10.2	2.235	97.0
361	3/13/2012 7:31:20	9.51	47.94	31.02	9.06	8.05	10.2	2.107	96.8
362	3/13/2012 7:46:20	9.56	47.87	30.98	9.04	8.05	11.4	1.977	96.6
363	3/13/2012 8:01:20	9.59	47.71	30.86	9.02	8.05	11.5	1.863	96.5
364	3/13/2012 8:16:20	9.59	47.61	30.80	9.06	8.05	11.1	1.718	96.8
365	3/13/2012 8:31:20	9.61	47.52	30.73	9.06	8.05	11.8	1.616	96.8
366	3/13/2012 8:46:20	9.62	47.44	30.67	9.06	8.05	11.4	1.506	96.8
367	3/13/2012 9:01:20	9.63	47.17	30.48	9.04	8.05	11.2	1.406	96.5
368	3/13/2012 9:16:19	9.63	46.87	30.27	9.02	7.96	11.6	1.349	96.2
369	3/13/2012 9:31:20	9.63	46.87	30.27	8.97	8.04	11.4	1.286	95.6
370	3/13/2012 9:46:20	9.63	46.82	30.23	8.95	8.04	12.2	1.266	95.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
371	3/13/2012 10:01:20	9.65	46.93	30.31	8.99	8.05	10.6	1.277	95.9
372	3/13/2012 10:16:20	9.70	46.94	30.32	9.01	8.05	9.2	1.326	96.3
373	3/13/2012 10:31:19	9.79	46.94	30.32	9.01	7.96	9.4	1.347	96.4
374	3/13/2012 10:46:19	9.86	46.55	30.05	9.03	7.96	9.6	1.447	96.6
375	3/13/2012 11:01:19	9.72	46.24	29.82	9.00	7.95	10.6	1.539	95.9
376	3/13/2012 11:16:20	9.66	45.87	29.55	8.99	8.03	11.1	1.617	95.5
377	3/13/2012 11:31:20	9.64	45.66	29.40	8.97	8.03	10.9	1.697	95.1
378	3/13/2012 11:46:20	9.64	45.96	29.61	8.93	8.03	10.6	1.784	94.9
379	3/13/2012 12:01:20	9.64	46.13	29.74	8.92	8.03	9.8	1.866	94.8
380	3/13/2012 12:16:20	9.63	46.35	29.89	8.90	8.04	9.9	1.951	94.7
381	3/13/2012 12:31:20	9.62	46.75	30.18	8.90	8.04	9.5	2.032	94.8
382	3/13/2012 12:46:19	9.62	46.54	30.03	8.97	7.94	9.4	2.083	95.5
383	3/13/2012 13:01:20	9.63	47.20	30.50	8.98	8.04	10.1	2.187	95.9
384	3/13/2012 13:16:20	9.63	47.28	30.56	9.00	8.05	10.1	2.280	96.1
385	3/13/2012 13:31:20	9.65	47.34	30.60	8.98	8.05	10.5	2.356	96.0
386	3/13/2012 13:46:20	9.66	47.25	30.54	8.99	8.05	10.8	2.436	96.1
387	3/13/2012 14:01:20	9.65	47.35	30.61	9.00	8.06	10.3	2.508	96.2
388	3/13/2012 14:16:20	9.83	46.74	30.18	9.08	8.05	10.8	2.596	97.2
389	3/13/2012 14:31:20	9.99	46.59	30.09	9.11	8.06	10.4	2.655	97.8
390	3/13/2012 14:46:19	10.04	46.71	30.17	9.15	7.94	9.7	2.727	98.4
391	3/13/2012 15:01:19	9.64	47.73	30.89	9.11	7.94	10.1	2.799	97.5
392	3/13/2012 15:16:20	9.68	47.76	30.91	9.16	8.06	11.2	2.855	98.1
393	3/13/2012 15:31:20	9.69	47.84	30.96	9.15	8.06	10.1	2.912	98.1
394	3/13/2012 15:46:20	9.68	47.90	31.01	9.14	8.05	9.7	2.982	98.0
395	3/13/2012 16:01:20	9.59	48.29	31.28	9.23	8.05	9.4	3.019	99.0
396	3/13/2012 16:16:20	9.56	48.57	31.48	9.29	8.04	8.1	3.047	99.7
397	3/13/2012 16:31:20	9.68	47.98	31.07	9.16	8.04	8.6	3.071	98.3
398	3/13/2012 16:46:20	9.58	48.57	31.48	9.23	8.03	8.1	3.076	99.1
399	3/13/2012 17:01:20	9.57	48.60	31.50	9.26	8.03	8.8	3.064	99.4
400	3/13/2012 17:16:20	9.58	48.42	31.38	9.21	8.04	11.2	3.010	98.8
401	3/13/2012 17:31:19	10.07	47.21	30.53	9.40	7.98	10.8	2.978	101.4
402	3/13/2012 17:46:19	10.11	47.16	30.50	9.26	8.00	10.4	2.914	100.0
403	3/13/2012 18:01:20	10.04	47.23	30.55	9.23	8.06	10.8	2.836	99.5
404	3/13/2012 18:16:20	10.15	46.83	30.27	9.28	8.07	11.1	2.776	100.1
405	3/13/2012 18:31:20	10.09	47.13	30.48	9.24	8.07	8.6	2.715	99.7
406	3/13/2012 18:46:20	10.11	46.74	30.20	9.21	8.07	8.4	2.638	99.2
407	3/13/2012 19:01:19	10.09	46.28	29.87	9.19	7.98	9.8	2.575	98.7
408	3/13/2012 19:16:19	10.10	46.31	29.89	9.17	7.98	10.1	2.513	98.6
409	3/13/2012 19:31:20	10.09	45.98	29.66	9.13	8.06	10.7	2.459	97.9
410	3/13/2012 19:46:19	10.08	45.93	29.62	9.08	7.96	9.8	2.391	97.3
411	3/13/2012 20:01:19	10.09	45.96	29.65	9.01	7.97	10.0	2.349	96.7
412	3/13/2012 20:16:19	10.04	45.85	29.56	8.99	7.95	9.8	2.286	96.3
413	3/13/2012 20:31:19	10.02	45.72	29.47	8.87	7.95	9.1	2.249	94.9
414	3/13/2012 20:46:20	10.02	45.71	29.46	8.60	8.02	9.0	2.197	92.0
415	3/13/2012 21:01:20	10.02	45.62	29.40	8.81	8.03	10.0	2.170	94.2
416	3/13/2012 21:16:20	10.00	45.50	29.31	8.46	8.03	8.6	2.153	90.4
417	3/13/2012 21:31:20	10.04	45.72	29.47	8.84	8.04	8.8	2.159	94.7
418	3/13/2012 21:46:19	10.08	45.35	29.20	9.01	7.95	9.5	2.166	96.4
419	3/13/2012 22:01:20	10.06	45.74	29.48	9.00	8.04	8.8	2.189	96.3
420	3/13/2012 22:16:20	10.04	45.92	29.61	9.01	8.04	8.6	2.222	96.5
421	3/13/2012 22:31:20	10.02	46.07	29.72	8.97	8.04	9.2	2.290	96.2
422	3/13/2012 22:46:19	10.03	45.95	29.64	9.02	7.94	11.0	2.318	96.7
423	3/13/2012 23:01:19	10.02	46.03	29.69	9.06	7.94	9.9	2.373	97.1

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	3/13/2012 23:16:19	10.02	45.99	29.66	9.10	7.94	10.5	2.456	97.5
425	3/13/2012 23:31:19	9.98	46.21	29.82	9.14	7.94	11.2	2.526	97.9
426	3/13/2012 23:46:19	9.92	46.34	29.91	9.17	7.93	10.0	2.575	98.1
427	3/14/2012 0:01:20	9.90	46.41	29.95	9.18	8.05	10.1	2.649	98.3
428	3/14/2012 0:16:19	9.88	46.58	30.08	9.17	7.93	9.7	2.735	98.2
429	3/14/2012 0:31:20	9.85	46.41	29.95	9.22	8.06	10.4	2.810	98.6
430	3/14/2012 0:46:20	9.74	46.93	30.31	9.22	8.05	10.4	2.874	98.6
431	3/14/2012 1:01:20	9.69	46.82	30.23	9.26	8.04	10.9	2.965	98.8
432	3/14/2012 1:16:20	9.60	47.67	30.83	9.26	8.04	10.4	3.046	99.0
433	3/14/2012 1:31:20	9.51	48.75	31.60	9.27	8.03	11.8	3.114	99.4
434	3/14/2012 1:46:20	9.45	49.05	31.82	9.28	8.03	12.3	3.209	99.6
435	3/14/2012 2:01:19	9.40	49.09	31.84	9.30	7.91	11.9	3.289	99.6
436	3/14/2012 2:16:20	9.35	49.30	31.99	9.29	8.02	12.3	3.371	99.5
437	3/14/2012 2:31:20	9.30	49.45	32.10	9.29	8.01	12.3	3.442	99.5
438	3/14/2012 2:46:20	9.25	49.56	32.17	9.30	8.01	11.1	3.510	99.6
439	3/14/2012 3:01:20	9.20	49.72	32.28	9.29	8.01	10.6	3.567	99.4
440	3/14/2012 3:16:20	9.18	49.84	32.37	9.30	8.01	8.9	3.613	99.5
441	3/14/2012 3:31:19	9.17	49.92	32.43	9.31	7.91	8.1	3.665	99.7
442	3/14/2012 3:46:20	9.16	49.97	32.46	9.29	8.00	7.1	3.683	99.4
443	3/14/2012 4:01:20	9.17	49.92	32.43	9.17	8.00	6.7	3.685	98.1
444	3/14/2012 4:16:20	9.14	50.10	32.55	9.27	8.00	9.0	3.674	99.2
445	3/14/2012 4:31:20	9.15	50.01	32.49	9.28	8.00	8.8	3.649	99.4
446	3/14/2012 4:46:20	9.31	48.46	31.38	9.16	8.01	10.6	3.593	97.7
447	3/14/2012 5:01:19	9.22	49.69	32.26	9.26	7.91	10.3	3.530	99.1
448	3/14/2012 5:16:20	9.26	49.34	32.01	9.23	8.00	10.3	3.473	98.7
449	3/14/2012 5:31:20	9.30	49.12	31.86	9.24	8.00	12.0	3.387	98.8
450	3/14/2012 5:46:20	9.40	48.37	31.32	9.17	8.01	12.5	3.290	97.9
451	3/14/2012 6:01:20	9.42	48.22	31.22	9.16	8.01	13.4	3.202	97.8
452	3/14/2012 6:16:20	9.46	47.69	30.84	9.14	8.01	12.2	3.106	97.5
453	3/14/2012 6:31:20	9.47	47.91	31.00	9.14	8.01	12.2	2.989	97.6
454	3/14/2012 6:46:20	9.56	46.82	30.22	9.04	8.01	12.0	2.893	96.2
455	3/14/2012 7:01:20	9.56	46.77	30.19	9.06	8.01	9.8	2.784	96.4
456	3/14/2012 7:16:20	9.54	46.75	30.17	9.07	8.01	10.1	2.669	96.4
457	3/14/2012 7:31:20	9.61	46.49	29.99	9.07	8.01	9.5	2.557	96.4
458	3/14/2012 7:46:19	9.66	46.32	29.87	9.09	7.91	8.3	2.445	96.8
459	3/14/2012 8:01:20	9.69	46.48	29.99	9.09	8.02	9.5	2.331	96.9
460	3/14/2012 8:16:20	9.75	46.40	29.94	9.19	8.03	8.5	2.210	98.1
461	3/14/2012 8:31:20	9.87	46.15	29.77	9.18	8.03	10.0	2.090	98.1
462	3/14/2012 8:46:20	9.95	46.08	29.72	9.27	8.04	8.9	1.966	99.2
463	3/14/2012 9:01:20	10.05	46.03	29.69	9.30	8.06	9.2	1.845	99.7
464	3/14/2012 9:16:20	10.16	45.84	29.56	9.40	8.06	10.1	1.718	100.9
465	3/14/2012 9:31:20	10.23	45.62	29.41	9.21	8.05	9.4	1.624	99.0
466	3/14/2012 9:46:19	10.26	45.47	29.30	9.16	7.95	9.4	1.530	98.5
467	3/14/2012 10:01:19	10.31	45.37	29.24	9.10	7.95	10.7	1.450	97.8
468	3/14/2012 10:16:20	10.34	45.30	29.19	9.06	8.04	9.5	1.391	97.4
469	3/14/2012 10:31:20	10.38	45.16	29.09	9.03	8.04	8.2	1.348	97.1
470	3/14/2012 10:46:19	10.39	45.18	29.11	8.95	7.95	7.6	1.330	96.3
471	3/14/2012 11:01:19	10.36	45.31	29.19	9.06	7.95	7.8	1.342	97.5
472	3/14/2012 11:16:19	10.32	45.44	29.28	9.05	7.94	7.9	1.358	97.4
473	3/14/2012 11:31:20	10.32	45.53	29.35	9.06	8.04	8.1	1.432	97.5
474	3/14/2012 11:46:20	10.26	45.36	29.23	9.00	8.03	7.7	1.492	96.6
475	3/14/2012 12:01:20	10.21	45.09	29.03	8.94	8.02	7.9	1.551	95.8
476	3/14/2012 12:16:20	10.17	44.95	28.93	8.91	8.02	9.4	1.626	95.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	3/14/2012 12:31:20	10.13	44.70	28.75	8.92	7.95	9.5	1.698	95.2
478	3/14/2012 12:46:20	10.12	45.01	28.96	8.90	8.02	8.1	1.765	95.1
479	3/14/2012 13:01:20	10.10	45.15	29.06	8.86	8.02	7.9	1.828	94.7
480	3/14/2012 13:16:20	10.09	45.16	29.07	8.82	8.01	6.5	1.901	94.3
481	3/14/2012 13:31:20	10.05	45.04	28.99	8.88	8.01	8.6	1.988	94.8
482	3/14/2012 13:46:20	9.99	45.09	29.01	8.92	8.01	8.3	2.036	95.1
483	3/14/2012 14:01:19	9.95	45.22	29.11	8.94	7.90	7.7	2.113	95.3
484	3/14/2012 14:16:19	9.95	45.20	29.09	9.01	7.90	8.3	2.199	96.1
485	3/14/2012 14:31:19	9.98	44.94	28.91	9.08	7.91	8.3	2.280	96.7
486	3/14/2012 14:46:20	9.93	45.28	29.15	9.05	8.02	8.3	2.343	96.5
487	3/14/2012 15:01:20	9.93	45.36	29.20	9.04	8.03	8.7	2.421	96.4
488	3/14/2012 15:16:20	9.97	45.31	29.17	9.03	8.03	8.4	2.501	96.4
489	3/14/2012 15:31:19	9.89	45.91	29.60	9.02	7.90	7.9	2.565	96.3
490	3/14/2012 15:46:20	9.89	46.08	29.71	9.06	8.03	8.4	2.634	96.8
491	3/14/2012 16:01:20	9.82	46.40	29.94	9.02	8.03	8.7	2.703	96.4
492	3/14/2012 16:16:20	9.82	46.42	29.96	9.08	8.03	9.3	2.771	97.0
493	3/14/2012 16:31:20	9.79	46.53	30.03	9.11	8.03	9.2	2.825	97.4
494	3/14/2012 16:46:20	9.77	46.64	30.11	9.12	8.02	9.4	2.878	97.5
495	3/14/2012 17:01:20	9.76	46.73	30.17	9.13	8.02	8.4	2.928	97.5
496	3/14/2012 17:16:20	9.73	46.83	30.24	9.11	8.02	7.4	2.967	97.3
497	3/14/2012 17:31:20	9.68	47.00	30.36	9.03	8.02	6.7	2.997	96.5
498	3/14/2012 17:46:20	9.64	47.24	30.53	9.04	8.01	6.6	3.017	96.5
499	3/14/2012 18:01:20	9.63	47.34	30.60	9.05	8.01	7.5	3.019	96.7
500	3/14/2012 18:16:20	9.63	47.45	30.68	9.06	8.01	7.6	3.028	96.8
501	3/14/2012 18:31:20	9.68	47.18	30.49	8.98	8.01	6.8	3.011	96.0
502	3/14/2012 18:46:20	9.78	46.75	30.19	9.09	8.02	8.4	2.958	97.2
503	3/14/2012 19:01:20	9.95	46.21	29.81	9.10	8.03	7.8	2.917	97.4
504	3/14/2012 19:16:20	10.02	45.91	29.61	9.15	8.04	7.8	2.879	98.0
505	3/14/2012 19:31:20	9.85	46.39	29.93	9.03	8.02	8.0	2.818	96.5
506	3/14/2012 19:46:20	9.83	46.44	29.97	9.03	8.02	8.8	2.740	96.5
507	3/14/2012 20:01:19	9.90	46.09	29.73	9.02	7.91	8.0	2.690	96.4
508	3/14/2012 20:16:20	9.90	46.11	29.74	8.99	8.02	7.3	2.644	96.1
509	3/14/2012 20:31:19	9.96	45.82	29.54	8.88	7.91	7.0	2.570	95.0
510	3/14/2012 20:46:19	10.02	45.53	29.33	8.97	7.91	7.0	2.511	95.8
511	3/14/2012 21:01:20	10.03	45.50	29.31	8.96	8.02	7.3	2.487	95.8
512	3/14/2012 21:16:20	10.07	45.36	29.21	8.93	8.02	7.3	2.444	95.5
513	3/14/2012 21:31:20	10.07	45.24	29.13	8.93	8.02	7.5	2.392	95.5
514	3/14/2012 21:46:20	10.07	45.27	29.15	8.84	8.02	7.8	2.366	94.5
515	3/14/2012 22:01:19	10.07	45.17	29.08	8.89	7.90	6.7	2.350	94.9
516	3/14/2012 22:16:20	9.98	45.65	29.42	8.71	8.01	6.5	2.328	93.1
517	3/14/2012 22:31:20	9.98	45.61	29.39	8.72	8.01	5.3	2.298	93.2
518	3/14/2012 22:46:19	10.11	45.01	28.97	8.85	7.90	6.8	2.326	94.6
519	3/14/2012 23:01:19	10.09	45.04	28.98	8.91	7.90	6.3	2.337	95.2
520	3/14/2012 23:16:19	10.03	45.34	29.20	8.93	7.90	6.4	2.348	95.4
521	3/14/2012 23:31:19	9.99	45.61	29.38	8.95	7.90	6.6	2.386	95.6
522	3/14/2012 23:46:19	10.01	45.50	29.31	8.96	7.90	6.7	2.430	95.8
523	3/15/2012 0:01:19	10.00	45.46	29.28	8.95	7.90	7.6	2.475	95.6
524	3/15/2012 0:16:19	9.96	45.66	29.42	8.93	7.89	7.6	2.526	95.4
525	3/15/2012 0:31:19	9.94	45.75	29.49	9.00	7.89	7.6	2.594	96.1
526	3/15/2012 0:46:20	9.92	45.89	29.58	9.00	8.02	7.5	2.638	96.1
527	3/15/2012 1:01:20	9.89	45.86	29.56	9.00	8.02	7.5	2.707	96.1
528	3/15/2012 1:16:20	9.87	46.11	29.74	9.06	8.02	7.4	2.771	96.8
529	3/15/2012 1:31:19	9.86	46.15	29.76	9.10	7.89	7.1	2.838	97.2

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
530	3/15/2012 1:46:20	9.85	46.30	29.87	9.14	8.03	7.5	2.900	97.6
531	3/15/2012 2:01:19	9.86	46.11	29.73	9.13	7.90	8.3	2.970	97.6
532	3/15/2012 2:16:20	9.76	46.21	29.80	9.17	8.02	7.8	3.041	97.8
533	3/15/2012 2:31:20	9.71	46.11	29.73	9.19	8.02	7.3	3.110	97.9
534	3/15/2012 2:46:20	9.67	46.62	30.09	9.18	8.02	7.1	3.179	97.9
535	3/15/2012 3:01:20	9.64	47.00	30.36	9.17	8.02	6.9	3.242	97.8
536	3/15/2012 3:16:19	9.57	47.76	30.90	9.13	7.89	6.2	3.301	97.7
537	3/15/2012 3:31:20	9.47	48.71	31.57	9.16	8.01	7.1	3.372	98.1
538	3/15/2012 3:46:20	9.43	49.02	31.79	9.15	8.01	6.4	3.417	98.0
539	3/15/2012 4:01:19	9.42	49.08	31.84	9.11	7.89	6.9	3.471	97.7
540	3/15/2012 4:16:19	9.39	49.29	31.98	9.18	7.90	6.5	3.518	98.4
541	3/15/2012 4:31:20	9.39	49.34	32.02	9.14	8.01	6.2	3.561	98.0
542	3/15/2012 4:46:20	9.38	49.35	32.03	9.14	8.01	6.5	3.584	98.0
543	3/15/2012 5:01:20	9.40	49.25	31.96	9.11	8.01	6.1	3.588	97.7
544	3/15/2012 5:16:20	9.39	49.33	32.01	9.08	8.01	7.0	3.591	97.4
545	3/15/2012 5:31:20	9.40	49.25	31.96	9.04	8.00	6.4	3.564	96.9
546	3/15/2012 5:46:20	9.41	49.25	31.96	9.07	8.01	7.6	3.518	97.3
547	3/15/2012 6:01:20	9.49	48.30	31.28	9.07	8.00	7.4	3.472	97.0
548	3/15/2012 6:16:20	9.60	47.82	30.94	9.06	8.00	7.8	3.408	96.9
549	3/15/2012 6:31:20	9.52	48.42	31.37	9.05	8.00	8.0	3.344	96.9
550	3/15/2012 6:46:20	9.58	48.01	31.08	9.05	8.00	8.0	3.271	96.9
551	3/15/2012 7:01:20	9.70	47.16	30.48	9.04	8.00	7.2	3.182	96.7
552	3/15/2012 7:16:20	9.71	47.04	30.40	9.05	8.00	7.2	3.107	96.7
553	3/15/2012 7:31:20	9.73	46.87	30.27	9.06	8.01	6.9	3.002	96.8
554	3/15/2012 7:46:20	9.77	46.76	30.19	9.04	8.00	7.6	2.897	96.6
555	3/15/2012 8:01:20	9.80	46.64	30.11	9.03	8.00	7.3	2.808	96.5
556	3/15/2012 8:16:20	9.79	46.84	30.25	9.03	8.01	6.9	2.708	96.6
557	3/15/2012 8:31:20	9.81	46.77	30.21	9.06	8.01	7.5	2.602	97.0
558	3/15/2012 8:46:20	9.84	46.78	30.21	9.13	8.01	7.0	2.508	97.7
559	3/15/2012 9:01:19	9.93	46.24	29.83	9.19	7.89	7.2	2.392	98.3
560	3/15/2012 9:16:19	10.00	45.85	29.56	9.12	7.89	8.6	2.283	97.5
561	3/15/2012 9:31:20	10.07	46.13	29.76	9.24	8.03	8.7	2.177	99.1
562	3/15/2012 9:46:19	10.18	45.69	29.46	9.28	7.91	8.3	2.067	99.6
563	3/15/2012 10:01:19	10.29	45.39	29.25	9.38	7.92	8.3	1.953	100.8
564	3/15/2012 10:16:20	10.40	45.01	28.98	9.39	8.04	9.2	1.842	101.1
565	3/15/2012 10:31:19	10.49	44.42	28.56	9.29	7.92	8.3	1.753	99.8
566	3/15/2012 10:46:20	10.55	44.24	28.44	9.24	8.03	9.5	1.652	99.4
567	3/15/2012 11:01:20	10.60	44.07	28.32	9.18	8.03	9.0	1.575	98.8
568	3/15/2012 11:16:19	10.62	43.99	28.27	9.12	7.91	8.2	1.531	98.1
569	3/15/2012 11:31:20	10.63	44.02	28.29	9.11	8.03	8.3	1.479	98.1
570	3/15/2012 11:46:20	10.62	44.06	28.32	8.87	8.02	7.8	1.469	95.4
571	3/15/2012 12:01:19	10.64	44.02	28.29	9.14	7.91	8.0	1.457	98.4
572	3/15/2012 12:16:20	10.61	44.12	28.36	9.15	8.02	7.9	1.467	98.5
573	3/15/2012 12:31:20	10.52	44.31	28.49	9.07	8.02	7.5	1.499	97.5
574	3/15/2012 12:46:19	10.54	44.18	28.40	9.13	7.90	6.5	1.535	98.2
575	3/15/2012 13:01:19	10.47	44.23	28.43	9.03	7.89	6.1	1.593	97.0
576	3/15/2012 13:16:20	10.44	44.18	28.39	9.05	8.01	7.2	1.635	97.1
577	3/15/2012 13:31:20	10.39	44.10	28.34	9.00	8.00	6.5	1.710	96.4
578	3/15/2012 13:46:20	10.34	43.94	28.22	8.98	8.00	7.3	1.771	96.0
579	3/15/2012 14:01:20	10.33	43.93	28.21	8.97	7.99	6.9	1.834	95.9
580	3/15/2012 14:16:20	10.32	44.40	28.54	8.94	8.00	6.7	1.909	95.7
581	3/15/2012 14:31:20	10.28	44.35	28.51	8.94	7.99	6.7	1.974	95.6
582	3/15/2012 14:46:20	10.19	44.47	28.58	8.94	7.99	6.5	2.042	95.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	3/15/2012 15:01:20	10.18	44.59	28.67	8.93	7.99	7.8	2.115	95.4
584	3/15/2012 15:16:20	10.20	44.60	28.68	9.00	8.00	7.2	2.189	96.2
585	3/15/2012 15:31:20	10.21	44.68	28.74	9.03	8.00	8.2	2.268	96.5
586	3/15/2012 15:46:20	10.18	44.85	28.86	9.01	8.00	7.3	2.338	96.4
587	3/15/2012 16:01:20	10.19	44.81	28.83	9.04	8.01	7.5	2.426	96.7
588	3/15/2012 16:16:20	10.20	45.12	29.05	9.07	8.02	7.5	2.498	97.1
589	3/15/2012 16:31:20	10.07	45.82	29.55	8.97	8.01	7.0	2.560	96.2
590	3/15/2012 16:46:20	10.06	45.86	29.57	8.99	8.01	7.2	2.633	96.3
591	3/15/2012 17:01:20	10.01	46.01	29.67	8.98	8.01	7.6	2.704	96.2
592	3/15/2012 17:16:19	9.99	46.06	29.71	9.02	7.88	8.3	2.776	96.6
593	3/15/2012 17:31:19	9.96	46.23	29.83	9.05	7.88	8.3	2.828	96.9
594	3/15/2012 17:46:19	9.95	46.36	29.92	9.09	7.88	7.3	2.895	97.4
595	3/15/2012 18:01:20	9.93	46.51	30.02	9.09	8.01	7.9	2.955	97.4
596	3/15/2012 18:16:19	9.92	46.57	30.07	9.13	7.89	6.9	3.002	97.9
597	3/15/2012 18:31:20	9.91	46.72	30.18	9.10	8.01	7.5	3.036	97.6
598	3/15/2012 18:46:19	9.91	46.74	30.19	9.09	7.89	6.3	3.069	97.5
599	3/15/2012 19:01:20	9.90	46.84	30.26	9.02	8.01	6.0	3.111	96.8
600	3/15/2012 19:16:20	9.90	46.83	30.25	9.03	8.00	6.6	3.112	96.8
601	3/15/2012 19:31:19	9.88	46.93	30.32	9.07	7.89	6.5	3.115	97.2
602	3/15/2012 19:46:20	9.89	46.90	30.30	9.10	8.01	8.4	3.083	97.6
603	3/15/2012 20:01:20	9.91	46.77	30.21	9.08	8.00	9.0	3.059	97.4
604	3/15/2012 20:16:20	9.96	46.33	29.90	9.03	8.00	6.8	3.028	96.8
605	3/15/2012 20:31:19	10.05	45.61	29.39	9.01	7.89	7.5	2.952	96.4
606	3/15/2012 20:46:19	10.02	45.89	29.59	8.97	7.88	7.3	2.894	96.0
607	3/15/2012 21:01:19	10.05	45.74	29.49	8.92	7.88	7.2	2.836	95.6
608	3/15/2012 21:16:19	10.08	45.60	29.38	8.93	7.88	7.0	2.760	95.6
609	3/15/2012 21:31:19	10.13	45.43	29.27	8.85	7.88	8.1	2.712	94.8
610	3/15/2012 21:46:20	10.16	45.18	29.09	8.87	8.00	7.5	2.668	95.0
611	3/15/2012 22:01:20	10.16	45.06	29.01	8.88	7.92	8.3	2.601	95.1
612	3/15/2012 22:16:20	10.16	45.09	29.03	8.86	7.92	7.9	2.579	94.8
613	3/15/2012 22:31:20	10.16	44.99	28.96	8.87	8.00	7.2	2.535	94.9
614	3/15/2012 22:46:20	10.19	44.69	28.74	8.84	7.99	6.6	2.486	94.5
615	3/15/2012 23:01:20	10.20	44.69	28.75	8.82	7.99	7.4	2.467	94.3
616	3/15/2012 23:16:20	10.22	44.47	28.59	8.82	7.99	6.4	2.447	94.2
617	3/15/2012 23:31:20	10.22	44.41	28.55	8.81	7.99	6.3	2.431	94.1
618	3/15/2012 23:46:20	10.26	44.49	28.61	8.72	7.99	6.5	2.404	93.2
619	3/16/2012 0:01:19	10.19	44.49	28.60	8.73	7.86	6.4	2.402	93.3
620	3/16/2012 0:16:19	10.15	44.97	28.94	8.77	7.87	6.1	2.403	93.8
621	3/16/2012 0:31:20	10.15	44.87	28.87	8.80	7.99	6.9	2.432	94.1
622	3/16/2012 0:46:20	10.16	44.90	28.89	8.85	7.99	6.1	2.466	94.6
623	3/16/2012 1:01:19	10.16	44.93	28.91	8.81	7.86	6.7	2.492	94.2
624	3/16/2012 1:16:20	10.16	44.76	28.79	8.89	7.99	7.2	2.538	95.0
625	3/16/2012 1:31:20	10.13	44.90	28.89	8.86	7.99	6.8	2.567	94.7
626	3/16/2012 1:46:19	10.10	45.20	29.10	8.86	7.86	6.6	2.610	94.7
627	3/16/2012 2:01:20	10.08	45.44	29.27	8.91	7.99	7.5	2.670	95.3
628	3/16/2012 2:16:20	10.06	45.49	29.30	8.92	8.00	6.7	2.710	95.5
629	3/16/2012 2:31:19	10.05	45.50	29.31	8.94	7.87	6.7	2.778	95.6
630	3/16/2012 2:46:19	9.97	45.98	29.65	8.97	7.87	6.2	2.844	96.0
631	3/16/2012 3:01:19	9.98	45.85	29.55	9.02	7.87	6.2	2.892	96.5
632	3/16/2012 3:16:19	9.96	45.90	29.60	9.04	7.87	7.0	2.969	96.7
633	3/16/2012 3:31:20	9.91	46.21	29.81	9.06	8.01	6.4	3.060	96.9
634	3/16/2012 3:46:20	9.87	46.42	29.96	9.06	8.01	6.1	3.095	96.9
635	3/16/2012 4:01:20	9.83	46.77	30.21	9.05	8.01	6.5	3.175	96.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	3/16/2012 4:16:20	9.78	47.44	30.69	9.04	8.01	7.1	3.238	97.0
637	3/16/2012 4:31:20	9.76	47.56	30.77	9.00	8.02	7.4	3.290	96.6
638	3/16/2012 4:46:20	9.75	47.60	30.80	9.01	8.02	6.8	3.344	96.6
639	3/16/2012 5:01:20	9.73	47.65	30.83	9.05	8.02	6.1	3.436	97.0
640	3/16/2012 5:16:20	9.70	47.71	30.87	9.07	8.02	5.8	3.471	97.2
641	3/16/2012 5:31:19	9.68	47.77	30.91	9.08	7.91	6.0	3.482	97.4
642	3/16/2012 5:46:20	9.67	47.88	30.99	9.05	8.03	6.1	3.550	97.1
643	3/16/2012 6:01:20	9.66	47.87	30.98	9.00	8.03	6.0	3.553	96.5
644	3/16/2012 6:16:20	9.68	47.82	30.95	9.00	8.02	7.0	3.559	96.5
645	3/16/2012 6:31:20	9.65	47.92	31.02	9.05	8.03	6.4	3.555	97.0
646	3/16/2012 6:46:20	9.65	47.93	31.03	8.99	8.03	6.4	3.524	96.4
647	3/16/2012 7:01:20	9.86	46.61	30.10	8.97	8.01	7.3	3.504	96.0
648	3/16/2012 7:16:20	9.74	47.48	30.71	9.00	8.02	7.0	3.434	96.5
649	3/16/2012 7:31:20	9.75	47.49	30.72	8.98	8.01	6.6	3.379	96.3
650	3/16/2012 7:46:20	9.93	45.48	29.29	8.90	7.99	9.4	3.308	94.9
651	3/16/2012 8:01:19	9.96	45.17	29.07	8.95	7.87	7.5	3.213	95.4
652	3/16/2012 8:16:20	9.92	45.63	29.40	8.98	8.00	7.0	3.150	95.8
653	3/16/2012 8:31:20	9.91	45.58	29.36	8.95	8.00	7.0	3.063	95.5
654	3/16/2012 8:46:20	9.94	45.14	29.05	8.96	8.00	7.1	2.951	95.4
655	3/16/2012 9:01:19	9.95	45.22	29.10	8.97	7.87	7.4	2.863	95.6
656	3/16/2012 9:16:19	10.01	44.66	28.71	8.99	7.87	8.4	2.785	95.7
657	3/16/2012 9:31:19	10.04	44.54	28.63	9.03	7.86	7.5	2.693	96.1
658	3/16/2012 9:46:19	10.05	44.64	28.70	9.05	7.87	6.8	2.582	96.4
659	3/16/2012 10:01:19	10.10	44.52	28.62	9.08	7.87	7.1	2.455	96.8
660	3/16/2012 10:16:19	10.16	44.46	28.58	9.21	7.88	7.0	2.379	98.3
661	3/16/2012 10:31:20	10.24	44.27	28.45	9.07	8.00	7.3	2.265	96.9
662	3/16/2012 10:46:20	10.28	44.42	28.56	9.37	8.03	6.7	2.171	100.3
663	3/16/2012 11:01:20	10.33	44.24	28.43	9.32	8.02	8.1	2.045	99.7
664	3/16/2012 11:16:20	10.37	44.27	28.45	9.39	8.04	7.5	1.942	100.6
665	3/16/2012 11:31:19	10.43	44.19	28.40	9.49	7.93	8.2	1.845	101.7
666	3/16/2012 11:46:19	10.49	43.96	28.24	9.44	7.93	7.0	1.750	101.3
667	3/16/2012 12:01:20	10.55	43.90	28.20	9.40	8.05	7.8	1.656	100.9
668	3/16/2012 12:16:20	10.59	43.75	28.10	9.26	8.04	7.7	1.594	99.5
669	3/16/2012 12:31:19	10.64	43.64	28.02	9.22	7.92	7.6	1.541	99.1
670	3/16/2012 12:46:19	10.66	43.46	27.90	9.13	7.90	6.5	1.474	98.0
671	3/16/2012 13:01:19	10.66	43.64	28.02	9.05	7.90	7.0	1.474	97.3
672	3/16/2012 13:16:20	10.62	43.67	28.04	9.11	8.03	6.8	1.472	97.9
673	3/16/2012 13:31:20	10.58	43.73	28.08	9.12	8.02	6.6	1.500	97.9
674	3/16/2012 13:46:20	10.51	43.79	28.12	8.96	8.01	6.2	1.515	96.1
675	3/16/2012 14:01:19	10.47	43.76	28.10	8.92	7.87	5.6	1.575	95.6
676	3/16/2012 14:16:19	10.45	43.64	28.01	8.93	7.87	6.1	1.614	95.6
677	3/16/2012 14:31:20	10.42	43.61	27.99	8.96	7.99	7.8	1.696	95.7
678	3/16/2012 14:46:20	10.39	43.19	27.69	8.99	7.99	7.6	1.752	95.9
679	3/16/2012 15:01:20	10.38	43.39	27.83	8.92	7.98	7.7	1.829	95.2
680	3/16/2012 15:16:20	10.35	41.33	26.37	9.02	7.97	12.7	1.915	95.3
681	3/16/2012 15:31:20	10.30	42.92	27.50	8.95	7.98	10.0	1.986	95.1
682	3/16/2012 15:46:20	10.26	43.35	27.79	8.89	7.98	8.1	2.068	94.6
683	3/16/2012 16:01:20	10.25	42.40	27.12	9.00	7.98	9.1	2.162	95.4
684	3/16/2012 16:16:20	10.28	41.85	26.74	9.13	7.99	16.0	2.222	96.5
685	3/16/2012 16:31:20	10.26	43.43	27.85	9.07	8.00	11.4	2.302	96.5
686	3/16/2012 16:46:20	10.24	43.40	27.83	9.07	7.99	11.0	2.396	96.5
687	3/16/2012 17:01:20	10.22	43.55	27.94	9.06	8.00	11.2	2.466	96.4
688	3/16/2012 17:16:20	10.20	43.69	28.03	9.03	7.99	10.5	2.530	96.1

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
689	3/16/2012 17:31:20	10.18	43.89	28.17	9.02	8.00	9.9	2.600	96.0
690	3/16/2012 17:46:20	10.15	44.17	28.37	9.01	8.00	8.8	2.661	96.0
691	3/16/2012 18:01:20	10.11	44.33	28.48	9.01	8.00	8.6	2.722	95.9
692	3/16/2012 18:16:19	10.07	44.48	28.59	9.02	7.86	8.8	2.791	96.1
693	3/16/2012 18:31:19	10.02	44.75	28.77	9.06	7.86	9.5	2.853	96.5
694	3/16/2012 18:46:19	10.01	44.77	28.79	9.06	7.87	9.0	2.912	96.5
695	3/16/2012 19:01:19	10.00	44.87	28.86	9.09	7.87	9.2	2.970	96.9
696	3/16/2012 19:16:19	9.98	44.91	28.89	9.13	7.87	8.5	3.048	97.2
697	3/16/2012 19:31:20	9.95	45.14	29.05	9.11	8.01	9.5	3.101	97.1
698	3/16/2012 19:46:20	9.93	45.25	29.13	9.13	8.02	9.3	3.119	97.3
699	3/16/2012 20:01:19	9.91	45.30	29.16	9.11	7.88	8.2	3.161	97.1
700	3/16/2012 20:16:20	9.97	45.20	29.09	9.07	8.01	7.6	3.180	96.7
701	3/16/2012 20:31:19	9.92	45.54	29.34	9.12	7.89	7.8	3.199	97.2
702	3/16/2012 20:46:20	9.91	45.65	29.41	9.06	8.02	7.9	3.191	96.7
703	3/16/2012 21:01:20	9.92	45.55	29.34	9.13	8.02	8.8	3.167	97.4
704	3/16/2012 21:16:20	9.95	45.18	29.08	9.07	8.01	9.5	3.140	96.6
705	3/16/2012 21:31:19	9.95	44.99	28.94	9.03	7.87	9.2	3.108	96.1
706	3/16/2012 21:46:20	9.95	44.89	28.87	9.03	8.00	9.3	3.063	96.1
707	3/16/2012 22:01:19	9.94	44.48	28.58	9.02	7.87	9.6	3.000	95.8
708	3/16/2012 22:16:19	9.98	44.28	28.44	9.02	7.87	11.7	2.920	95.8
709	3/16/2012 22:31:19	9.97	43.70	28.03	8.97	7.86	9.0	2.853	95.0
710	3/16/2012 22:46:20	10.02	43.89	28.17	8.96	8.00	8.9	2.807	95.1
711	3/16/2012 23:01:20	9.99	43.38	27.80	8.98	8.00	9.4	2.726	95.0
712	3/16/2012 23:16:20	10.00	43.01	27.54	9.01	7.99	9.4	2.665	95.1
713	3/16/2012 23:31:20	10.03	43.01	27.54	8.98	7.99	9.2	2.628	95.0
714	3/16/2012 23:46:20	10.05	43.12	27.62	8.98	7.90	8.7	2.545	95.0
715	3/17/2012 0:01:20	10.10	43.01	27.55	9.00	8.00	7.9	2.504	95.3
716	3/17/2012 0:16:20	10.12	42.99	27.53	8.96	7.99	7.9	2.471	94.9
717	3/17/2012 0:31:20	10.15	43.12	27.63	8.90	7.99	7.0	2.427	94.4
718	3/17/2012 0:46:20	10.12	43.06	27.58	8.77	7.99	7.6	2.415	92.9
719	3/17/2012 1:01:20	10.03	42.00	26.83	8.85	7.98	8.1	2.397	93.1
720	3/17/2012 1:16:20	10.06	42.25	27.01	8.81	7.99	7.4	2.380	92.9
721	3/17/2012 1:31:20	10.02	41.96	26.80	8.93	7.98	7.5	2.354	93.9
722	3/17/2012 1:46:20	10.01	42.30	27.04	8.86	7.98	8.5	2.379	93.3
723	3/17/2012 2:01:20	10.01	41.65	26.58	8.99	7.98	8.3	2.400	94.4
724	3/17/2012 2:16:19	10.00	41.90	26.76	8.98	7.84	8.6	2.414	94.3
725	3/17/2012 2:31:19	10.07	42.79	27.39	8.93	7.85	8.1	2.443	94.4
726	3/17/2012 2:46:20	10.04	43.02	27.55	8.95	7.98	8.7	2.485	94.6
727	3/17/2012 3:01:20	10.03	43.16	27.65	8.93	7.98	9.7	2.545	94.5
728	3/17/2012 3:16:19	10.00	43.23	27.70	8.98	7.85	8.8	2.579	94.9
729	3/17/2012 3:31:19	9.98	43.18	27.66	9.01	7.85	9.8	2.645	95.2
730	3/17/2012 3:46:20	9.96	42.99	27.52	9.03	7.98	10.3	2.716	95.3
731	3/17/2012 4:01:20	9.93	42.97	27.51	9.04	7.99	9.2	2.767	95.3
732	3/17/2012 4:16:19	9.90	42.87	27.43	9.06	7.85	9.6	2.839	95.5
733	3/17/2012 4:31:20	9.88	43.28	27.72	9.08	7.99	9.8	2.906	95.7
734	3/17/2012 4:46:20	9.86	43.93	28.19	9.07	8.00	8.4	2.977	95.9
735	3/17/2012 5:01:20	9.84	44.78	28.79	9.10	8.01	8.1	3.062	96.5
736	3/17/2012 5:16:20	9.83	44.84	28.83	9.04	8.01	7.6	3.116	96.0
737	3/17/2012 5:31:20	9.81	45.16	29.05	9.07	8.02	7.7	3.174	96.3
738	3/17/2012 5:46:20	9.78	45.38	29.21	9.12	8.02	8.4	3.244	96.9
739	3/17/2012 6:01:20	9.77	45.69	29.43	9.11	8.03	7.8	3.301	96.9
740	3/17/2012 6:16:20	9.75	46.35	29.90	9.13	8.04	7.1	3.351	97.3
741	3/17/2012 6:31:20	9.75	46.51	30.02	9.10	8.04	6.4	3.400	97.1

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	3/17/2012 6:46:20	9.74	46.68	30.14	9.17	8.05	7.1	3.439	97.9
743	3/17/2012 7:01:20	9.72	46.78	30.20	9.11	8.05	6.1	3.477	97.3
744	3/17/2012 7:16:20	9.75	46.79	30.21	9.10	8.04	7.0	3.476	97.2
745	3/17/2012 7:31:20	9.74	47.04	30.39	9.12	8.05	6.7	3.496	97.6
746	3/17/2012 7:46:20	9.74	47.02	30.38	9.10	8.05	6.4	3.494	97.3
747	3/17/2012 8:01:20	9.72	47.12	30.45	9.20	8.05	7.4	3.465	98.4
748	3/17/2012 8:16:20	9.78	46.43	29.96	9.07	8.04	7.1	3.428	96.9
749	3/17/2012 8:31:20	9.76	46.59	30.07	9.09	8.04	7.3	3.375	97.0
750	3/17/2012 8:46:20	9.78	46.00	29.65	9.05	8.03	8.1	3.314	96.4
751	3/17/2012 9:01:20	9.79	45.50	29.30	9.03	8.02	8.8	3.243	96.0
752	3/17/2012 9:16:20	9.81	44.82	28.82	9.04	8.01	9.0	3.156	95.9
753	3/17/2012 9:31:20	9.81	43.81	28.10	9.07	8.00	9.4	3.071	95.7
754	3/17/2012 9:46:20	9.80	43.61	27.95	9.12	8.01	9.7	2.979	96.2
755	3/17/2012 10:01:20	9.84	43.74	28.05	9.12	8.01	9.0	2.894	96.3
756	3/17/2012 10:16:20	9.88	43.62	27.96	9.12	8.00	9.0	2.794	96.4
757	3/17/2012 10:31:19	10.18	43.00	27.54	9.21	7.87	8.6	2.691	97.7
758	3/17/2012 10:46:20	10.29	43.05	27.59	9.20	8.00	8.6	2.605	97.9
759	3/17/2012 11:01:20	10.47	43.28	27.76	9.26	8.02	8.3	2.499	99.0
760	3/17/2012 11:16:19	10.48	43.08	27.61	9.31	7.88	8.0	2.400	99.4
761	3/17/2012 11:31:19	10.61	42.87	27.48	9.50	7.90	8.4	2.290	101.7
762	3/17/2012 11:46:20	10.63	42.68	27.34	9.53	8.02	7.6	2.193	102.0
763	3/17/2012 12:01:19	10.75	42.66	27.33	9.40	7.88	7.6	2.083	100.8
764	3/17/2012 12:16:19	10.80	42.52	27.23	9.40	7.88	7.6	1.969	100.9
765	3/17/2012 12:31:20	10.93	42.42	27.17	9.36	8.01	8.1	1.867	100.7
766	3/17/2012 12:46:20	11.08	42.19	27.01	9.42	8.02	8.3	1.755	101.6
767	3/17/2012 13:01:20	11.14	41.96	26.85	9.45	8.02	8.5	1.660	101.9
768	3/17/2012 13:16:19	11.22	41.74	26.70	9.42	7.90	8.2	1.599	101.7
769	3/17/2012 13:31:20	11.14	41.68	26.66	9.35	8.02	8.1	1.533	100.7
770	3/17/2012 13:46:19	11.12	41.69	26.66	9.25	7.89	8.4	1.496	99.6
771	3/17/2012 14:01:19	11.61	41.53	26.57	9.29	7.91	7.6	1.454	101.1
772	3/17/2012 14:16:19	11.09	42.06	26.92	9.38	7.91	6.8	1.462	101.1
773	3/17/2012 14:31:20	10.73	42.13	26.95	9.09	8.00	7.8	1.469	97.2
774	3/17/2012 14:46:20	11.28	41.96	26.86	9.36	8.02	7.4	1.496	101.2
775	3/17/2012 15:01:19	11.32	41.80	26.75	9.32	7.89	7.3	1.550	100.8
776	3/17/2012 15:16:20	11.15	41.93	26.83	9.24	8.01	7.0	1.600	99.7
777	3/17/2012 15:31:19	11.09	41.91	26.82	9.23	7.88	7.7	1.680	99.4
778	3/17/2012 15:46:20	10.99	41.72	26.68	9.21	8.00	7.7	1.739	98.8
779	3/17/2012 16:01:19	10.91	41.68	26.65	9.16	7.86	8.0	1.814	98.2
780	3/17/2012 16:16:20	10.85	41.36	26.42	9.17	7.99	8.3	1.883	98.0
781	3/17/2012 16:31:19	10.77	41.23	26.32	9.13	7.84	8.6	1.959	97.4
782	3/17/2012 16:46:20	10.70	40.99	26.15	9.16	7.97	9.3	2.058	97.4
783	3/17/2012 17:01:20	10.65	40.87	26.06	9.15	7.97	9.4	2.121	97.1
784	3/17/2012 17:16:20	10.59	40.98	26.14	9.13	7.97	9.7	2.199	96.9
785	3/17/2012 17:31:20	10.52	41.02	26.17	9.15	7.98	9.4	2.284	96.9
786	3/17/2012 17:46:20	10.47	41.33	26.38	9.14	7.97	9.0	2.375	96.8
787	3/17/2012 18:01:20	10.52	40.96	26.12	9.20	7.97	9.2	2.441	97.4
788	3/17/2012 18:16:20	10.48	40.90	26.08	9.19	7.97	10.0	2.528	97.2
789	3/17/2012 18:31:20	10.25	41.78	26.69	9.10	7.98	10.0	2.617	96.2
790	3/17/2012 18:46:20	10.15	42.30	27.05	9.07	7.98	11.3	2.694	95.9
791	3/17/2012 19:01:19	10.08	42.65	27.29	9.07	7.85	13.2	2.775	95.8
792	3/17/2012 19:16:19	10.07	42.52	27.20	9.08	7.85	13.0	2.843	95.9
793	3/17/2012 19:31:19	10.03	43.06	27.57	9.08	7.86	13.9	2.936	96.0
794	3/17/2012 19:46:20	9.95	43.73	28.05	9.08	8.00	16.3	2.999	96.1

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
795	3/17/2012 20:01:20	9.97	43.83	28.12	9.13	8.02	11.4	3.066	96.7
796	3/17/2012 20:16:20	10.00	44.64	28.70	9.23	8.03	12.8	3.138	98.2
797	3/17/2012 20:31:20	10.02	44.95	28.92	9.28	8.04	10.8	3.194	99.0
798	3/17/2012 20:46:20	10.00	45.23	29.12	9.27	8.05	10.0	3.235	98.9
799	3/17/2012 21:01:20	10.00	45.35	29.20	9.23	8.05	8.7	3.263	98.5
800	3/17/2012 21:16:20	10.00	44.19	28.38	9.25	8.03	8.4	3.272	98.3
801	3/17/2012 21:31:20	10.01	45.13	29.05	9.17	8.04	9.2	3.262	97.8
802	3/17/2012 21:46:20	10.01	44.25	28.42	9.12	8.03	8.9	3.238	96.9
803	3/17/2012 22:01:20	10.13	42.11	26.91	9.08	8.01	10.2	3.208	95.8
804	3/17/2012 22:16:20	10.08	42.93	27.49	9.13	8.01	12.5	3.164	96.6
805	3/17/2012 22:31:20	10.08	41.78	26.68	9.15	8.00	13.9	3.080	96.3
806	3/17/2012 22:46:20	10.10	41.50	26.48	9.21	8.00	11.2	3.026	96.8
807	3/17/2012 23:01:19	10.06	42.03	26.85	9.16	7.86	11.1	2.940	96.5
808	3/17/2012 23:16:19	10.04	41.93	26.78	9.13	7.86	10.0	2.857	96.1
809	3/17/2012 23:31:20	10.06	41.69	26.61	9.08	7.98	10.4	2.788	95.5
810	3/17/2012 23:46:20	10.07	41.59	26.54	9.06	7.98	9.5	2.711	95.2
811	3/18/2012 0:01:20	10.05	41.76	26.66	9.01	7.97	9.8	2.636	94.7
812	3/18/2012 0:16:20	10.00	41.91	26.77	9.01	7.97	9.2	2.590	94.7
813	3/18/2012 0:31:20	10.07	41.48	26.47	9.00	7.97	9.2	2.525	94.5
814	3/18/2012 0:46:20	10.08	41.43	26.43	9.02	7.97	11.7	2.442	94.8
815	3/18/2012 1:01:20	10.05	41.43	26.43	9.04	7.97	11.4	2.380	94.9
816	3/18/2012 1:16:20	10.03	41.57	26.52	9.09	7.98	11.2	2.337	95.4
817	3/18/2012 1:31:20	10.09	41.51	26.48	9.09	7.89	11.3	2.313	95.5
818	3/18/2012 1:46:20	10.35	41.02	26.15	9.13	7.99	12.2	2.246	96.4
819	3/18/2012 2:01:20	10.34	40.94	26.10	9.13	7.99	12.4	2.223	96.3
820	3/18/2012 2:16:20	10.37	40.94	26.10	9.12	7.99	15.6	2.195	96.3
821	3/18/2012 2:31:20	10.35	40.96	26.11	9.11	7.99	14.8	2.171	96.1
822	3/18/2012 2:46:19	10.36	40.87	26.05	9.05	7.85	11.5	2.201	95.4
823	3/18/2012 3:01:20	10.28	40.99	26.13	9.00	7.98	12.5	2.193	94.9
824	3/18/2012 3:16:20	10.23	41.01	26.15	9.09	7.98	10.2	2.197	95.7
825	3/18/2012 3:31:19	10.30	40.72	25.95	9.16	7.86	11.1	2.242	96.4
826	3/18/2012 3:46:20	10.31	40.86	26.04	9.14	7.98	11.3	2.309	96.3
827	3/18/2012 4:01:20	10.25	40.82	26.01	9.06	7.97	10.8	2.360	95.3
828	3/18/2012 4:16:20	10.22	40.50	25.79	9.06	7.96	12.3	2.426	95.2
829	3/18/2012 4:31:20	10.23	40.76	25.97	9.03	7.96	10.7	2.511	94.9
830	3/18/2012 4:46:20	10.23	41.05	26.17	8.97	7.96	8.6	2.579	94.4
831	3/18/2012 5:01:19	10.18	41.32	26.36	9.01	7.84	10.7	2.644	94.9
832	3/18/2012 5:16:20	10.14	41.46	26.45	9.06	7.97	9.3	2.690	95.4
833	3/18/2012 5:31:19	10.10	41.80	26.69	9.06	7.85	9.1	2.782	95.4
834	3/18/2012 5:46:20	10.03	42.02	26.85	9.12	7.99	9.2	2.874	96.0
835	3/18/2012 6:01:20	9.98	42.74	27.35	9.16	8.01	10.1	2.939	96.6
836	3/18/2012 6:16:20	9.95	43.14	27.63	9.15	8.01	9.4	3.016	96.6
837	3/18/2012 6:31:20	9.91	43.66	28.00	9.23	8.03	10.6	3.075	97.6
838	3/18/2012 6:46:20	9.90	44.07	28.29	9.18	8.03	9.8	3.176	97.2
839	3/18/2012 7:01:20	9.90	44.46	28.56	9.16	8.04	9.2	3.242	97.2
840	3/18/2012 7:16:19	9.92	45.11	29.03	9.17	7.92	8.7	3.321	97.7
841	3/18/2012 7:31:20	9.87	45.00	28.94	9.26	8.06	9.5	3.376	98.4
842	3/18/2012 7:46:20	9.84	44.88	28.86	9.24	8.06	9.3	3.408	98.1
843	3/18/2012 8:01:19	9.82	45.05	28.98	9.24	7.93	9.4	3.454	98.1
844	3/18/2012 8:16:20	9.82	45.28	29.14	9.25	8.07	8.9	3.489	98.3
845	3/18/2012 8:31:20	9.83	45.27	29.13	9.21	8.06	9.3	3.509	97.9
846	3/18/2012 8:46:20	9.86	45.37	29.21	9.13	8.06	9.2	3.508	97.2
847	3/18/2012 9:01:19	9.87	45.55	29.34	9.21	7.93	10.1	3.492	98.2

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
848	3/18/2012 9:16:20	9.82	44.67	28.71	9.17	8.06	10.4	3.463	97.3
849	3/18/2012 9:31:20	9.79	44.02	28.25	9.23	8.04	13.0	3.401	97.5
850	3/18/2012 9:46:20	9.65	43.47	27.85	9.41	8.05	11.9	3.337	98.9
851	3/18/2012 10:01:20	9.69	43.19	27.65	9.55	8.05	12.8	3.275	100.3
852	3/18/2012 10:16:20	9.73	43.12	27.61	9.50	8.06	9.9	3.167	99.8
853	3/18/2012 10:31:20	9.74	42.92	27.46	9.48	8.05	11.1	3.100	99.5
854	3/18/2012 10:46:19	9.82	42.78	27.37	9.48	7.91	10.3	2.992	99.6
855	3/18/2012 11:01:19	9.90	42.87	27.44	9.49	7.92	9.9	2.903	99.9
856	3/18/2012 11:16:19	10.01	42.25	27.00	9.42	7.90	9.7	2.807	99.2
857	3/18/2012 11:31:19	10.16	42.27	27.03	9.43	7.90	9.5	2.701	99.6
858	3/18/2012 11:46:20	10.30	41.93	26.79	9.41	8.02	10.2	2.598	99.6
859	3/18/2012 12:01:20	10.40	41.72	26.65	9.56	8.03	10.3	2.494	101.3
860	3/18/2012 12:16:20	10.47	41.16	26.26	9.57	8.03	10.6	2.381	101.3
861	3/18/2012 12:31:20	10.83	41.53	26.53	9.54	8.08	12.6	2.278	102.0
862	3/18/2012 12:46:20	11.07	41.31	26.39	9.76	8.08	11.6	2.166	104.8
863	3/18/2012 13:01:19	11.08	40.68	25.95	9.99	7.95	12.8	2.039	106.9
864	3/18/2012 13:16:20	11.35	40.70	25.97	10.11	8.10	13.5	1.919	109.0
865	3/18/2012 13:31:19	11.30	40.13	25.57	9.96	7.95	14.9	1.826	106.9
866	3/18/2012 13:46:19	11.39	40.10	25.55	10.05	7.96	14.0	1.716	108.1
867	3/18/2012 14:01:19	11.35	39.80	25.34	9.91	7.95	16.0	1.629	106.3
868	3/18/2012 14:16:19	11.43	39.77	25.32	9.92	7.95	16.2	1.541	106.6
869	3/18/2012 14:31:20	11.30	39.59	25.19	9.70	8.06	14.6	1.488	103.9
870	3/18/2012 14:46:19	11.22	39.51	25.13	9.60	7.92	14.1	1.448	102.6
871	3/18/2012 15:01:19	11.38	39.42	25.08	9.61	7.93	14.3	1.403	103.0
872	3/18/2012 15:16:19	11.26	39.61	25.21	9.58	7.92	12.8	1.409	102.5
873	3/18/2012 15:31:19	11.20	39.63	25.21	9.49	7.91	12.9	1.437	101.4
874	3/18/2012 15:46:19	11.07	39.62	25.20	9.54	7.90	14.4	1.478	101.6
875	3/18/2012 16:01:19	11.17	39.69	25.26	9.61	7.91	12.7	1.502	102.6
876	3/18/2012 16:16:19	11.02	39.37	25.03	9.50	7.89	12.3	1.571	101.0
877	3/18/2012 16:31:20	11.00	39.28	24.96	9.45	8.01	12.8	1.652	100.4
878	3/18/2012 16:46:20	10.94	39.21	24.91	9.42	8.00	14.3	1.713	99.9
879	3/18/2012 17:01:20	10.88	39.22	24.91	9.37	7.99	13.9	1.801	99.2
880	3/18/2012 17:16:20	10.87	39.57	25.16	9.33	8.00	14.1	1.887	99.0
881	3/18/2012 17:31:20	10.72	39.51	25.12	9.30	7.99	13.8	1.970	98.3
882	3/18/2012 17:46:19	10.56	39.77	25.29	9.31	7.87	12.5	2.054	98.2
883	3/18/2012 18:01:20	10.46	40.34	25.68	9.29	7.99	13.4	2.153	97.9
884	3/18/2012 18:16:20	10.37	40.91	26.08	9.26	7.99	13.9	2.238	97.7
885	3/18/2012 18:31:20	10.32	40.91	26.08	9.26	7.99	13.0	2.335	97.6
886	3/18/2012 18:46:19	10.29	41.35	26.38	9.29	7.88	13.1	2.424	98.1
887	3/18/2012 19:01:20	10.28	40.99	26.13	9.35	7.99	14.1	2.505	98.5
888	3/18/2012 19:16:20	10.21	41.66	26.60	9.30	8.00	13.1	2.581	98.1
889	3/18/2012 19:31:20	10.17	41.96	26.81	9.29	8.01	16.2	2.679	98.1
890	3/18/2012 19:46:20	10.15	42.03	26.86	9.29	7.93	17.4	2.758	98.0
891	3/18/2012 20:01:20	10.11	42.09	26.90	9.30	8.01	15.8	2.837	98.1
892	3/18/2012 20:16:20	10.08	42.18	26.96	9.31	8.01	19.5	2.918	98.1
893	3/18/2012 20:31:19	10.04	42.44	27.14	9.34	7.90	23.6	2.996	98.5
894	3/18/2012 20:46:19	10.03	42.89	27.46	9.42	7.91	16.9	3.076	99.6
895	3/18/2012 21:01:19	10.01	43.22	27.69	9.56	7.93	16.1	3.136	101.1
896	3/18/2012 21:16:19	9.99	43.49	27.88	9.56	7.94	13.3	3.197	101.2
897	3/18/2012 21:31:19	9.99	43.66	28.00	9.55	7.94	11.1	3.245	101.2
898	3/18/2012 21:46:19	9.99	43.82	28.11	9.47	7.94	8.4	3.269	100.4
899	3/18/2012 22:01:20	10.00	43.71	28.03	9.50	8.07	11.4	3.277	100.7
900	3/18/2012 22:16:20	10.00	43.72	28.04	9.53	8.07	11.6	3.267	101.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
901	3/18/2012 22:31:19	10.00	43.44	27.85	9.48	7.94	10.1	3.254	100.4
902	3/18/2012 22:46:19	10.00	43.16	27.65	9.51	7.93	14.1	3.199	100.5
903	3/18/2012 23:01:20	9.89	40.62	25.85	9.36	8.01	17.4	3.142	97.5
904	3/18/2012 23:16:20	9.80	40.35	25.66	9.37	8.01	13.6	3.065	97.3
905	3/18/2012 23:31:20	9.81	40.94	26.07	9.34	7.93	12.5	2.989	97.3
906	3/18/2012 23:46:20	9.81	40.83	26.00	9.39	8.01	10.4	2.916	97.8
907	3/19/2012 0:01:20	9.75	40.75	25.94	9.35	8.00	10.6	2.827	97.2
908	3/19/2012 0:16:20	9.74	40.66	25.87	9.28	7.99	10.3	2.744	96.5
909	3/19/2012 0:31:20	9.77	40.90	26.05	9.28	7.99	9.8	2.669	96.6
910	3/19/2012 0:46:20	9.77	40.96	26.09	9.24	7.99	9.5	2.585	96.3
911	3/19/2012 1:01:20	9.83	40.27	25.60	9.24	7.98	12.0	2.494	96.1
912	3/19/2012 1:16:20	9.68	40.86	26.01	9.21	7.98	9.6	2.415	95.7
913	3/19/2012 1:31:19	9.74	40.21	25.56	9.24	7.88	10.3	2.338	95.8
914	3/19/2012 1:46:20	9.76	39.97	25.39	9.23	7.98	10.5	2.267	95.7
915	3/19/2012 2:01:20	9.66	40.05	25.44	9.22	7.97	10.5	2.195	95.4
916	3/19/2012 2:16:20	9.70	39.77	25.25	9.18	7.97	10.1	2.118	94.9
917	3/19/2012 2:31:20	9.73	39.64	25.15	9.17	7.97	10.4	2.060	94.8
918	3/19/2012 2:46:20	9.81	39.35	24.96	9.18	7.97	10.0	2.024	94.9
919	3/19/2012 3:01:20	9.81	39.38	24.98	9.14	7.97	10.2	1.974	94.6
920	3/19/2012 3:16:20	9.84	39.23	24.88	9.13	7.97	9.4	1.950	94.5
921	3/19/2012 3:31:20	9.80	39.45	25.03	9.11	7.97	9.5	1.966	94.3
922	3/19/2012 3:46:20	9.76	39.30	24.92	9.20	7.97	9.4	1.970	95.1
923	3/19/2012 4:01:20	9.77	39.39	24.99	9.18	7.97	9.9	1.989	94.9
924	3/19/2012 4:16:20	9.82	39.44	25.03	9.16	7.96	9.8	2.048	94.9
925	3/19/2012 4:31:20	9.82	39.38	24.98	9.16	7.96	10.6	2.102	94.9
926	3/19/2012 4:46:20	9.83	38.86	24.62	9.22	7.95	11.2	2.157	95.3
927	3/19/2012 5:01:20	9.88	39.24	24.89	9.19	7.95	10.8	2.217	95.2
928	3/19/2012 5:16:19	9.89	39.32	24.94	9.20	7.87	10.1	2.298	95.4
929	3/19/2012 5:31:20	9.87	39.45	25.03	9.25	7.96	11.4	2.381	95.9
930	3/19/2012 5:46:19	9.87	39.70	25.21	9.27	7.87	10.7	2.442	96.2
931	3/19/2012 6:01:19	9.86	40.05	25.45	9.27	7.88	9.7	2.508	96.3
932	3/19/2012 6:16:19	9.85	40.46	25.74	9.30	7.89	9.7	2.588	96.8
933	3/19/2012 6:31:20	9.77	40.60	25.83	9.34	7.98	10.0	2.665	97.1
934	3/19/2012 6:46:20	9.74	40.91	26.05	9.34	7.98	10.3	2.729	97.1
935	3/19/2012 7:01:20	9.65	41.00	26.11	9.38	7.99	11.2	2.818	97.4
936	3/19/2012 7:16:20	9.66	41.19	26.24	9.38	8.00	10.3	2.890	97.6
937	3/19/2012 7:31:20	9.65	41.75	26.63	9.39	8.01	11.3	2.976	97.9
938	3/19/2012 7:46:20	9.65	42.13	26.90	9.40	8.02	10.1	3.057	98.1
939	3/19/2012 8:01:20	9.78	44.11	28.30	9.33	8.04	15.5	3.136	98.5
940	3/19/2012 8:16:20	9.73	44.55	28.62	9.36	8.05	17.5	3.216	98.9
941	3/19/2012 8:31:20	9.69	44.71	28.73	9.38	8.06	19.7	3.283	99.2
942	3/19/2012 8:46:20	9.65	44.90	28.86	9.41	8.07	20.5	3.352	99.5
943	3/19/2012 9:01:20	9.62	45.10	29.00	9.45	8.07	15.4	3.417	100.0
944	3/19/2012 9:16:20	9.60	45.28	29.13	9.47	8.08	12.5	3.445	100.2
945	3/19/2012 9:31:20	9.58	45.39	29.21	9.38	8.08	9.2	3.469	99.2
946	3/19/2012 9:46:20	9.61	45.26	29.12	9.42	8.08	11.6	3.477	99.6
947	3/19/2012 10:01:20	9.59	45.35	29.18	9.44	8.08	12.5	3.464	99.9
948	3/19/2012 10:16:20	9.59	45.35	29.18	9.49	8.08	13.1	3.410	100.4
949	3/19/2012 10:31:20	9.64	44.78	28.78	9.46	8.07	13.7	3.367	99.9
950	3/19/2012 10:46:20	9.76	43.36	27.78	9.38	8.05	13.7	3.293	98.7
951	3/19/2012 11:01:20	9.78	43.30	27.73	9.40	8.05	13.4	3.212	98.9
952	3/19/2012 11:16:20	9.78	43.11	27.60	9.37	8.05	14.1	3.109	98.6
953	3/19/2012 11:31:20	9.80	42.89	27.44	9.37	8.04	14.8	3.012	98.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
954	3/19/2012 11:46:20	9.85	41.99	26.82	9.38	8.03	11.1	2.928	98.3
955	3/19/2012 12:01:20	9.83	42.05	26.86	9.38	8.03	11.5	2.811	98.2
956	3/19/2012 12:16:20	9.91	41.38	26.39	9.46	8.03	9.0	2.710	99.0
957	3/19/2012 12:31:20	9.94	41.06	26.16	9.51	8.02	8.8	2.609	99.5
958	3/19/2012 12:46:19	9.98	40.63	25.86	9.63	7.91	9.3	2.489	100.6
959	3/19/2012 13:01:19	9.99	40.26	25.61	9.50	7.91	10.9	2.385	99.1
960	3/19/2012 13:16:19	10.00	39.87	25.33	9.73	7.91	10.0	2.273	101.3
961	3/19/2012 13:31:19	10.06	39.93	25.38	9.62	7.93	9.0	2.146	100.4
962	3/19/2012 13:46:20	10.07	39.77	25.27	9.97	8.03	9.1	2.022	104.0
963	3/19/2012 14:01:20	10.11	39.65	25.19	10.05	8.07	8.6	1.914	104.8
964	3/19/2012 14:16:19	10.10	39.56	25.12	9.92	7.96	9.6	1.808	103.4
965	3/19/2012 14:31:19	10.06	39.35	24.97	9.84	7.95	10.1	1.702	102.4
966	3/19/2012 14:46:19	10.02	38.96	24.70	9.73	7.93	10.0	1.609	101.0
967	3/19/2012 15:01:20	10.01	38.95	24.69	9.63	8.02	10.1	1.539	99.9
968	3/19/2012 15:16:20	10.00	38.89	24.65	9.52	8.01	9.7	1.489	98.7
969	3/19/2012 15:31:20	10.00	38.82	24.60	9.50	8.01	9.0	1.436	98.4
970	3/19/2012 15:46:19	10.00	39.05	24.76	9.17	7.88	7.0	1.410	95.1
971	3/19/2012 16:01:19	9.98	38.87	24.63	9.56	7.92	9.2	1.432	99.1
972	3/19/2012 16:16:20	9.97	39.10	24.79	9.58	8.01	11.1	1.458	99.4
973	3/19/2012 16:31:20	9.99	39.19	24.85	9.47	8.00	9.7	1.487	98.3
974	3/19/2012 16:46:19	9.96	38.85	24.62	9.55	7.91	9.7	1.532	98.9
975	3/19/2012 17:01:19	9.95	38.69	24.51	9.47	7.89	9.3	1.615	98.0
976	3/19/2012 17:16:19	9.93	38.37	24.28	9.46	7.88	9.8	1.709	97.7
977	3/19/2012 17:31:20	9.91	38.20	24.16	9.45	7.96	10.4	1.777	97.4
978	3/19/2012 17:46:20	9.96	38.94	24.68	9.36	7.97	9.4	1.850	97.0
979	3/19/2012 18:01:20	9.92	38.81	24.59	9.35	7.97	10.5	1.952	96.7
980	3/19/2012 18:16:20	9.89	39.29	24.92	9.34	7.97	10.0	2.048	96.8
981	3/19/2012 18:31:20	9.88	39.75	25.24	9.32	7.98	11.2	2.126	96.7
982	3/19/2012 18:46:20	9.89	40.60	25.84	9.31	7.98	12.5	2.225	97.1
983	3/19/2012 19:01:20	9.89	40.87	26.03	9.30	7.99	11.8	2.319	97.1
984	3/19/2012 19:16:20	9.90	40.93	26.07	9.33	7.99	11.9	2.422	97.4
985	3/19/2012 19:31:20	9.88	40.92	26.06	9.36	7.99	12.0	2.510	97.6
986	3/19/2012 19:46:20	9.86	41.26	26.30	9.35	7.99	13.3	2.596	97.6
987	3/19/2012 20:01:20	9.80	41.54	26.50	9.36	8.00	14.8	2.695	97.8
988	3/19/2012 20:16:20	9.78	41.78	26.66	9.36	8.01	14.6	2.778	97.9
989	3/19/2012 20:31:20	9.74	42.05	26.85	9.40	8.02	17.1	2.868	98.3
990	3/19/2012 20:46:20	9.71	42.51	27.17	9.41	8.02	17.2	2.951	98.6
991	3/19/2012 21:01:20	9.69	42.97	27.49	9.41	8.03	18.0	3.040	98.7
992	3/19/2012 21:16:20	9.65	44.00	28.22	9.46	8.05	25.5	3.135	99.6
993	3/19/2012 21:31:20	9.58	44.86	28.83	9.47	8.07	19.7	3.208	100.0
994	3/19/2012 21:46:20	9.55	45.40	29.21	9.47	8.08	19.5	3.290	100.1
995	3/19/2012 22:01:20	9.53	45.77	29.48	9.45	8.08	16.1	3.352	100.0
996	3/19/2012 22:16:20	9.51	46.11	29.71	9.45	8.09	13.7	3.398	100.2
997	3/19/2012 22:31:20	9.48	46.36	29.89	9.43	8.09	10.3	3.425	99.9
998	3/19/2012 22:46:20	9.51	46.14	29.74	9.41	8.09	10.8	3.438	99.7
999	3/19/2012 23:01:20	9.48	46.50	29.99	9.41	8.09	11.6	3.423	99.8
1000	3/19/2012 23:16:20	9.52	44.57	28.62	9.43	8.08	11.1	3.387	99.3
1001	3/19/2012 23:31:20	9.53	44.23	28.38	9.44	8.07	11.8	3.326	99.2
1002	3/19/2012 23:46:20	9.54	44.19	28.35	9.42	8.07	12.5	3.256	99.0
1003	3/20/2012 0:01:20	9.58	42.63	27.25	9.39	8.04	14.4	3.170	98.1
1004	3/20/2012 0:16:20	9.59	43.53	27.89	9.43	8.06	22.0	3.064	98.9
1005	3/20/2012 0:31:20	9.62	43.03	27.53	9.42	8.05	19.5	2.982	98.7
1006	3/20/2012 0:46:20	9.64	41.87	26.72	9.37	8.02	15.6	2.881	97.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1007	3/20/2012 1:01:20	9.61	41.19	26.24	9.38	8.01	11.9	2.786	97.4
1008	3/20/2012 1:16:20	9.61	41.20	26.24	9.36	8.00	11.4	2.704	97.2
1009	3/20/2012 1:31:20	9.62	41.30	26.32	9.35	8.00	10.1	2.613	97.1
1010	3/20/2012 1:46:20	9.66	40.58	25.81	9.35	7.99	11.3	2.510	96.9
1011	3/20/2012 2:01:20	9.63	40.78	25.95	9.33	7.99	10.6	2.415	96.8
1012	3/20/2012 2:16:20	9.66	39.86	25.31	9.35	7.98	12.4	2.318	96.6
1013	3/20/2012 2:31:20	9.64	39.72	25.21	9.36	7.97	10.6	2.256	96.7
1014	3/20/2012 2:46:20	9.59	40.08	25.46	9.33	7.97	10.4	2.150	96.4
1015	3/20/2012 3:01:20	9.61	39.71	25.20	9.33	7.97	10.6	2.061	96.3
1016	3/20/2012 3:16:20	9.64	39.34	24.94	9.35	7.97	9.8	1.988	96.3
1017	3/20/2012 3:31:20	9.65	39.17	24.83	9.34	7.97	9.8	1.927	96.2
1018	3/20/2012 3:46:20	9.67	39.05	24.74	9.30	7.98	9.2	1.887	95.8
1019	3/20/2012 4:01:20	9.68	38.93	24.66	9.31	7.98	8.6	1.853	95.9
1020	3/20/2012 4:16:20	9.68	39.41	24.99	9.23	7.97	8.6	1.866	95.2
1021	3/20/2012 4:31:20	9.65	39.17	24.83	9.30	7.97	9.5	1.854	95.9
1022	3/20/2012 4:46:20	9.67	39.41	25.00	9.25	7.97	9.2	1.891	95.4
1023	3/20/2012 5:01:20	9.66	39.27	24.90	9.31	7.97	9.4	1.934	96.0
1024	3/20/2012 5:16:20	9.64	39.14	24.81	9.32	7.96	9.3	1.992	96.0
1025	3/20/2012 5:31:20	9.64	39.16	24.82	9.28	7.96	9.7	2.074	95.6
1026	3/20/2012 5:46:20	9.64	39.09	24.77	9.27	7.95	10.5	2.157	95.4
1027	3/20/2012 6:01:20	9.65	39.47	25.04	9.26	7.96	10.0	2.232	95.5
1028	3/20/2012 6:16:20	9.63	39.70	25.19	9.28	7.96	9.7	2.309	95.8
1029	3/20/2012 6:31:20	9.63	40.63	25.85	9.27	7.98	9.8	2.395	96.0
1030	3/20/2012 6:46:20	9.64	41.26	26.29	9.27	7.99	11.7	2.476	96.4
1031	3/20/2012 7:01:20	9.65	41.61	26.54	9.29	8.00	12.5	2.562	96.7
1032	3/20/2012 7:16:20	9.62	41.49	26.45	9.33	8.00	9.6	2.634	97.1
1033	3/20/2012 7:31:20	9.61	41.84	26.69	9.33	8.00	9.7	2.719	97.2
1034	3/20/2012 7:46:20	9.57	41.84	26.70	9.36	8.01	9.4	2.803	97.4
1035	3/20/2012 8:01:20	9.55	42.15	26.91	9.40	8.01	10.1	2.891	97.9
1036	3/20/2012 8:16:20	9.57	43.15	27.61	9.35	8.03	10.1	2.976	97.9
1037	3/20/2012 8:31:20	9.55	43.86	28.12	9.34	8.04	15.8	3.061	98.1
1038	3/20/2012 8:46:20	9.53	44.16	28.33	9.36	8.04	15.2	3.146	98.4
1039	3/20/2012 9:01:20	9.50	44.40	28.49	9.38	8.05	16.1	3.224	98.6
1040	3/20/2012 9:16:20	9.48	44.90	28.85	9.41	8.06	17.5	3.315	99.1
1041	3/20/2012 9:31:20	9.44	45.44	29.23	9.43	8.07	15.3	3.380	99.4
1042	3/20/2012 9:46:20	9.41	45.73	29.44	9.44	8.08	14.1	3.442	99.7
1043	3/20/2012 10:01:20	9.40	45.99	29.62	9.45	8.08	10.6	3.492	99.8
1044	3/20/2012 10:16:20	9.40	46.07	29.68	9.41	8.08	9.1	3.522	99.5
1045	3/20/2012 10:31:20	9.39	46.18	29.76	9.38	8.09	7.9	3.545	99.2
1046	3/20/2012 10:46:20	9.40	46.12	29.71	9.42	8.09	9.8	3.540	99.6
1047	3/20/2012 11:01:20	9.39	46.22	29.78	9.45	8.09	10.4	3.526	99.9
1048	3/20/2012 11:16:20	9.41	46.09	29.69	9.44	8.08	12.1	3.464	99.8
1049	3/20/2012 11:31:20	9.66	44.10	28.30	9.57	8.07	12.6	3.412	100.8
1050	3/20/2012 11:46:20	9.72	43.69	28.01	9.52	8.06	11.7	3.333	100.2
1051	3/20/2012 12:01:20	9.86	42.48	27.16	9.48	8.04	8.3	3.229	99.7
1052	3/20/2012 12:16:20	9.70	43.52	27.89	9.44	8.05	13.4	3.127	99.2
1053	3/20/2012 12:31:20	9.79	43.04	27.55	9.48	8.04	10.9	3.028	99.7
1054	3/20/2012 12:46:20	9.92	42.47	27.16	9.51	8.04	9.0	2.930	100.1
1055	3/20/2012 13:01:19	9.97	41.86	26.73	9.51	7.94	9.1	2.824	99.9
1056	3/20/2012 13:16:19	10.02	41.30	26.34	9.61	7.93	9.5	2.697	100.8
1057	3/20/2012 13:31:19	10.00	41.78	26.68	9.64	7.94	8.4	2.589	101.2
1058	3/20/2012 13:46:19	10.02	41.73	26.64	9.67	7.95	9.3	2.486	101.7
1059	3/20/2012 14:01:19	10.05	41.35	26.37	9.82	7.95	8.1	2.366	103.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	3/20/2012 14:16:20	10.11	40.69	25.91	9.89	8.03	9.7	2.251	103.7
1061	3/20/2012 14:31:20	10.27	40.54	25.81	10.12	8.09	8.3	2.119	106.4
1062	3/20/2012 14:46:20	10.31	40.22	25.59	10.08	8.07	8.8	2.026	105.9
1063	3/20/2012 15:01:20	10.35	39.69	25.22	10.17	8.06	8.3	1.915	106.7
1064	3/20/2012 15:16:20	10.41	39.47	25.07	10.12	8.06	8.7	1.793	106.2
1065	3/20/2012 15:31:20	10.42	39.33	24.98	9.97	8.05	8.4	1.699	104.5
1066	3/20/2012 15:46:19	10.44	39.11	24.82	9.88	7.96	8.2	1.632	103.6
1067	3/20/2012 16:01:20	10.39	39.02	24.76	9.76	8.02	8.7	1.571	102.1
1068	3/20/2012 16:16:20	10.37	39.00	24.74	9.64	8.01	8.0	1.517	100.9
1069	3/20/2012 16:31:20	10.37	38.87	24.65	9.58	8.00	7.2	1.498	100.2
1070	3/20/2012 16:46:20	10.40	39.19	24.87	9.67	8.02	8.9	1.524	101.3
1071	3/20/2012 17:01:20	10.43	39.29	24.95	9.78	8.02	8.4	1.538	102.5
1072	3/20/2012 17:16:20	10.43	39.22	24.90	9.78	8.02	8.6	1.591	102.5
1073	3/20/2012 17:31:20	10.35	39.31	24.96	9.66	8.00	7.9	1.667	101.2
1074	3/20/2012 17:46:20	10.35	38.46	24.36	9.65	7.98	8.1	1.755	100.7
1075	3/20/2012 18:01:20	10.26	38.33	24.27	9.64	7.97	9.0	1.838	100.3
1076	3/20/2012 18:16:20	10.24	38.79	24.59	9.59	7.98	8.4	1.927	99.9
1077	3/20/2012 18:31:20	10.20	38.84	24.62	9.56	7.97	9.0	2.024	99.6
1078	3/20/2012 18:46:20	10.11	39.51	25.09	9.49	7.98	10.4	2.118	99.0
1079	3/20/2012 19:01:20	10.07	40.00	25.43	9.45	7.98	9.8	2.210	98.7
1080	3/20/2012 19:16:20	10.01	40.76	25.96	9.41	7.99	10.4	2.301	98.5
1081	3/20/2012 19:31:20	9.98	41.11	26.20	9.43	8.00	10.1	2.395	98.8
1082	3/20/2012 19:46:20	9.98	41.17	26.25	9.44	7.99	9.8	2.490	98.8
1083	3/20/2012 20:01:20	9.96	41.47	26.45	9.44	8.00	11.1	2.580	99.0
1084	3/20/2012 20:16:20	9.95	41.69	26.61	9.43	8.00	12.1	2.674	98.9
1085	3/20/2012 20:31:20	9.94	41.82	26.70	9.46	8.01	12.6	2.764	99.3
1086	3/20/2012 20:46:20	9.90	42.26	27.01	9.46	8.02	14.5	2.857	99.3
1087	3/20/2012 21:01:20	9.90	42.44	27.14	9.46	8.02	14.2	2.963	99.4
1088	3/20/2012 21:16:20	9.87	42.88	27.44	9.47	8.03	15.4	3.037	99.7
1089	3/20/2012 21:31:20	9.83	43.28	27.72	9.49	8.04	14.8	3.128	99.9
1090	3/20/2012 21:46:20	9.73	44.61	28.66	9.55	8.06	17.5	3.211	101.1
1091	3/20/2012 22:01:20	9.69	45.07	28.98	9.55	8.07	16.2	3.305	101.1
1092	3/20/2012 22:16:20	9.67	45.33	29.17	9.57	8.08	13.7	3.382	101.4
1093	3/20/2012 22:31:20	9.65	45.49	29.28	9.53	8.09	13.1	3.450	101.0
1094	3/20/2012 22:46:20	9.63	45.69	29.42	9.51	8.09	11.8	3.517	100.9
1095	3/20/2012 23:01:20	9.62	45.84	29.53	9.55	8.09	10.9	3.515	101.3
1096	3/20/2012 23:16:20	9.60	46.06	29.68	9.47	8.10	9.1	3.538	100.6
1097	3/20/2012 23:31:20	9.62	45.83	29.52	9.53	8.09	13.4	3.562	101.1
1098	3/20/2012 23:46:20	9.61	46.00	29.64	9.54	8.09	10.9	3.510	101.2
1099	3/21/2012 0:01:20	9.74	44.47	28.56	9.47	8.07	12.5	3.447	100.2
1100	3/21/2012 0:16:20	9.83	43.25	27.70	9.42	8.04	9.2	3.370	99.2
1101	3/21/2012 0:31:19	9.83	43.38	27.79	9.44	7.95	9.9	3.325	99.5
1102	3/21/2012 0:46:19	9.79	43.93	28.18	9.46	7.97	13.4	3.192	99.8
1103	3/21/2012 1:01:20	9.84	43.29	27.73	9.44	8.04	11.9	3.092	99.5
1104	3/21/2012 1:16:20	9.85	43.21	27.68	9.42	8.03	10.4	3.013	99.2
1105	3/21/2012 1:31:20	9.86	43.00	27.53	9.40	8.03	10.4	2.886	99.0
1106	3/21/2012 1:46:20	9.90	42.40	27.11	9.39	8.02	10.0	2.786	98.7
1107	3/21/2012 2:01:20	9.92	42.19	26.96	9.36	8.01	9.4	2.694	98.4
1108	3/21/2012 2:16:20	9.97	41.53	26.49	9.37	8.00	10.6	2.594	98.2
1109	3/21/2012 2:31:20	9.98	41.54	26.51	9.37	8.00	9.2	2.497	98.3
1110	3/21/2012 2:46:20	10.00	41.48	26.46	9.33	7.99	10.8	2.389	97.9
1111	3/21/2012 3:01:20	10.09	40.28	25.63	9.36	7.98	10.0	2.302	97.9
1112	3/21/2012 3:16:20	10.06	40.93	26.08	9.29	7.97	9.8	2.194	97.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1113	3/21/2012 3:31:20	10.10	40.67	25.90	9.26	7.97	11.1	2.112	97.0
1114	3/21/2012 3:46:19	10.15	39.88	25.35	9.28	7.89	10.0	2.052	97.0
1115	3/21/2012 4:01:20	10.15	40.13	25.52	9.24	7.96	9.4	1.932	96.7
1116	3/21/2012 4:16:20	10.18	39.84	25.32	9.25	7.95	9.6	1.829	96.7
1117	3/21/2012 4:31:20	10.20	39.70	25.22	9.22	7.95	9.2	1.794	96.4
1118	3/21/2012 4:46:20	10.22	39.56	25.13	9.21	7.95	9.7	1.737	96.3
1119	3/21/2012 5:01:20	10.18	39.78	25.28	9.02	7.95	8.7	1.755	94.3
1120	3/21/2012 5:16:20	10.18	39.74	25.25	9.22	7.95	7.6	1.741	96.3
1121	3/21/2012 5:31:20	10.18	39.83	25.31	9.24	7.95	7.9	1.773	96.6
1122	3/21/2012 5:46:20	10.17	39.85	25.33	9.23	7.96	8.4	1.826	96.5
1123	3/21/2012 6:01:20	10.15	39.84	25.32	9.23	7.95	8.7	1.910	96.4
1124	3/21/2012 6:16:20	10.13	39.85	25.32	9.25	7.95	9.1	1.952	96.7
1125	3/21/2012 6:31:20	10.12	39.85	25.32	9.27	7.95	9.7	2.023	96.8
1126	3/21/2012 6:46:19	10.10	39.97	25.40	9.27	7.89	10.1	2.168	96.8
1127	3/21/2012 7:01:19	10.04	40.49	25.77	9.28	7.90	11.4	2.243	97.0
1128	3/21/2012 7:16:19	10.02	40.67	25.90	9.29	7.90	9.5	2.332	97.1
1129	3/21/2012 7:31:20	9.99	41.23	26.28	9.32	7.98	10.7	2.418	97.7
1130	3/21/2012 7:46:20	9.99	41.39	26.40	9.32	7.99	9.8	2.504	97.7
1131	3/21/2012 8:01:20	9.98	41.57	26.52	9.34	7.99	8.9	2.573	98.0
1132	3/21/2012 8:16:20	9.96	41.93	26.78	9.35	8.00	8.9	2.675	98.2
1133	3/21/2012 8:31:20	9.91	42.43	27.13	9.33	8.00	11.5	2.757	98.1
1134	3/21/2012 8:46:20	9.90	42.60	27.24	9.34	8.01	11.3	2.840	98.3
1135	3/21/2012 9:01:20	9.89	42.74	27.35	9.37	8.01	11.8	2.911	98.6
1136	3/21/2012 9:16:20	9.87	42.99	27.52	9.39	8.02	11.7	3.015	98.9
1137	3/21/2012 9:31:20	9.85	43.30	27.74	9.42	8.03	12.0	3.087	99.3
1138	3/21/2012 9:46:20	9.82	43.68	28.01	9.44	8.04	13.4	3.178	99.7
1139	3/21/2012 10:01:20	9.78	44.36	28.49	9.56	8.05	14.5	3.259	101.1
1140	3/21/2012 10:16:20	9.73	44.98	28.92	9.68	8.06	15.1	3.366	102.6
1141	3/21/2012 10:31:20	9.70	45.45	29.25	9.79	8.07	13.4	3.393	103.9
1142	3/21/2012 10:46:20	9.71	45.62	29.38	9.78	8.08	10.4	3.436	103.8
1143	3/21/2012 11:01:20	9.67	45.89	29.56	9.81	8.08	10.4	3.500	104.2
1144	3/21/2012 11:16:20	9.66	46.04	29.68	9.73	8.09	9.1	3.508	103.4
1145	3/21/2012 11:31:20	9.66	46.15	29.75	9.80	8.09	10.1	3.511	104.3
1146	3/21/2012 11:46:20	9.66	46.28	29.84	9.86	8.09	13.0	3.497	104.9
1147	3/21/2012 12:01:20	9.66	46.11	29.73	9.89	8.09	13.5	3.441	105.2
1148	3/21/2012 12:16:20	9.83	45.13	29.04	9.78	8.08	13.4	3.382	103.9
1149	3/21/2012 12:31:19	9.98	44.50	28.60	9.73	7.98	9.8	3.311	103.5
1150	3/21/2012 12:46:20	10.07	43.84	28.14	9.62	8.06	11.6	3.211	102.1
1151	3/21/2012 13:01:20	9.92	43.89	28.16	9.53	8.05	20.8	3.098	100.9
1152	3/21/2012 13:16:20	10.16	43.36	27.80	9.55	8.05	14.2	3.024	101.4
1153	3/21/2012 13:31:20	10.28	43.20	27.69	9.55	8.05	11.7	2.920	101.6
1154	3/21/2012 13:46:20	10.32	43.18	27.68	9.64	8.05	10.3	2.800	102.6
1155	3/21/2012 14:01:19	10.39	42.90	27.49	9.66	7.96	8.6	2.696	102.9
1156	3/21/2012 14:16:20	10.44	42.90	27.49	9.71	8.05	8.3	2.599	103.6
1157	3/21/2012 14:31:20	10.55	41.82	26.73	9.62	8.02	10.2	2.485	102.3
1158	3/21/2012 14:46:20	10.63	41.73	26.67	9.69	8.04	8.8	2.386	103.3
1159	3/21/2012 15:01:19	10.75	41.18	26.28	9.89	7.99	8.4	2.280	105.4
1160	3/21/2012 15:16:19	10.83	40.89	26.09	9.75	7.97	8.9	2.182	103.9
1161	3/21/2012 15:31:19	10.92	40.79	26.02	9.92	7.99	8.3	2.090	105.9
1162	3/21/2012 15:46:20	11.02	40.88	26.09	10.18	8.08	8.6	1.960	108.9
1163	3/21/2012 16:01:20	11.04	40.51	25.82	9.94	8.06	8.3	1.879	106.3
1164	3/21/2012 16:16:20	11.06	40.25	25.64	9.81	8.05	8.9	1.805	104.8
1165	3/21/2012 16:31:20	11.08	40.03	25.49	9.73	8.03	8.5	1.728	103.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	3/21/2012 16:46:20	11.08	39.93	25.42	9.62	8.02	8.4	1.663	102.7
1167	3/21/2012 17:01:20	11.11	39.80	25.33	9.63	8.01	7.3	1.649	102.7
1168	3/21/2012 17:16:19	11.11	39.85	25.37	9.60	7.93	8.1	1.637	102.5
1169	3/21/2012 17:31:19	11.01	39.99	25.46	9.55	7.93	7.1	1.643	101.8
1170	3/21/2012 17:46:20	11.00	40.09	25.53	9.64	8.01	8.2	1.685	102.7
1171	3/21/2012 18:01:20	10.99	40.06	25.51	9.64	8.00	8.4	1.746	102.7
1172	3/21/2012 18:16:20	10.94	39.90	25.39	9.59	7.99	7.9	1.834	102.0
1173	3/21/2012 18:31:20	10.94	39.54	25.14	9.58	7.98	9.0	1.916	101.8
1174	3/21/2012 18:46:20	10.89	39.89	25.39	9.56	7.98	8.9	2.005	101.6
1175	3/21/2012 19:01:20	10.84	39.99	25.45	9.53	7.98	9.1	2.099	101.2
1176	3/21/2012 19:16:20	10.77	40.32	25.68	9.52	7.99	10.1	2.205	101.1
1177	3/21/2012 19:31:20	10.69	40.87	26.06	9.50	8.00	9.4	2.288	100.9
1178	3/21/2012 19:46:20	10.61	41.09	26.22	9.49	8.00	10.0	2.373	100.8
1179	3/21/2012 20:01:20	10.53	41.52	26.51	9.47	8.00	9.7	2.466	100.5
1180	3/21/2012 20:16:20	10.52	41.69	26.63	9.47	8.00	10.2	2.544	100.6
1181	3/21/2012 20:31:20	10.48	42.03	26.88	9.47	8.01	11.9	2.641	100.7
1182	3/21/2012 20:46:20	10.44	42.19	26.98	9.51	8.01	14.1	2.740	101.1
1183	3/21/2012 21:01:20	10.38	42.61	27.28	9.55	8.02	14.5	2.856	101.5
1184	3/21/2012 21:16:20	10.33	42.85	27.44	9.57	8.03	15.0	2.971	101.8
1185	3/21/2012 21:31:20	10.26	43.37	27.81	9.60	8.04	14.8	3.093	102.1
1186	3/21/2012 21:46:20	10.16	44.11	28.33	9.67	8.05	15.8	3.183	103.0
1187	3/21/2012 22:01:20	10.08	44.89	28.88	9.81	8.07	15.7	3.266	104.7
1188	3/21/2012 22:16:20	10.04	45.25	29.13	9.82	8.07	15.0	3.355	104.8
1189	3/21/2012 22:31:20	10.00	45.59	29.37	9.84	8.08	13.3	3.435	105.2
1190	3/21/2012 22:46:20	9.98	45.71	29.46	9.83	8.08	12.2	3.500	105.1
1191	3/21/2012 23:01:20	9.95	45.81	29.53	9.85	8.09	10.3	3.536	105.3
1192	3/21/2012 23:16:20	9.93	45.92	29.61	9.83	8.09	9.1	3.596	105.0
1193	3/21/2012 23:31:20	9.98	45.63	29.40	9.75	8.08	9.1	3.619	104.1
1194	3/21/2012 23:46:20	9.95	45.65	29.42	9.83	8.09	11.2	3.618	105.0
1195	3/22/2012 0:01:20	9.93	45.92	29.60	9.82	8.09	10.4	3.592	105.0
1196	3/22/2012 0:16:20	9.94	45.83	29.54	9.88	8.09	10.9	3.555	105.6
1197	3/22/2012 0:31:20	10.02	44.21	28.39	9.70	8.07	13.4	3.486	103.1
1198	3/22/2012 0:46:20	10.08	43.04	27.57	9.60	8.04	13.4	3.419	101.6
1199	3/22/2012 1:01:20	10.08	43.06	27.58	9.61	8.04	12.2	3.343	101.8
1200	3/22/2012 1:16:20	10.08	42.91	27.47	9.58	8.03	13.7	3.237	101.4
1201	3/22/2012 1:31:20	10.08	42.68	27.31	9.57	8.00	13.0	3.119	101.1
1202	3/22/2012 1:46:20	10.12	42.36	27.09	9.55	8.02	12.4	3.032	100.8
1203	3/22/2012 2:01:20	10.08	42.52	27.20	9.53	8.02	13.3	2.920	100.7
1204	3/22/2012 2:16:20	10.11	41.75	26.66	9.50	8.01	13.0	2.794	100.1
1205	3/22/2012 2:31:20	10.28	41.18	26.26	9.52	8.00	16.2	2.686	100.4
1206	3/22/2012 2:46:20	10.14	40.52	25.80	9.50	7.99	15.0	2.578	99.6
1207	3/22/2012 3:01:20	10.09	40.40	25.71	9.45	7.98	13.4	2.481	98.9
1208	3/22/2012 3:16:20	10.09	40.24	25.59	9.43	7.98	12.7	2.349	98.6
1209	3/22/2012 3:31:20	10.22	40.02	25.45	9.40	7.97	15.6	2.240	98.4
1210	3/22/2012 3:46:20	10.13	40.11	25.50	9.39	7.96	15.2	2.120	98.2
1211	3/22/2012 4:01:20	10.28	39.76	25.27	9.39	7.96	14.7	2.025	98.3
1212	3/22/2012 4:16:20	10.29	39.70	25.22	9.35	7.96	13.9	1.924	97.9
1213	3/22/2012 4:31:20	10.26	39.62	25.17	9.31	7.95	13.3	1.807	97.5
1214	3/22/2012 4:46:20	10.29	39.50	25.08	9.33	7.96	13.1	1.738	97.6
1215	3/22/2012 5:01:20	10.34	39.30	24.95	9.32	7.95	11.9	1.658	97.5
1216	3/22/2012 5:16:20	10.37	39.20	24.88	9.28	7.95	11.9	1.620	97.2
1217	3/22/2012 5:31:19	10.39	39.04	24.77	9.28	7.91	11.0	1.579	97.1
1218	3/22/2012 5:46:20	10.34	39.14	24.84	9.20	7.95	10.2	1.574	96.2

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1219	3/22/2012 6:01:20	10.29	39.40	25.02	9.28	7.95	11.7	1.621	97.1
1220	3/22/2012 6:16:20	10.37	39.51	25.10	9.31	7.96	11.2	1.643	97.6
1221	3/22/2012 6:31:20	10.28	39.48	25.07	9.30	7.95	11.6	1.706	97.3
1222	3/22/2012 6:46:20	10.23	38.59	24.45	9.32	7.94	11.9	1.791	97.1
1223	3/22/2012 7:01:20	10.28	38.21	24.19	9.37	7.93	13.0	1.882	97.5
1224	3/22/2012 7:16:20	10.30	38.92	24.68	9.34	7.94	11.6	1.962	97.5
1225	3/22/2012 7:31:20	10.31	38.63	24.48	9.31	7.94	11.2	2.073	97.1
1226	3/22/2012 7:46:20	10.30	39.36	24.99	9.35	7.95	12.3	2.168	97.8
1227	3/22/2012 8:01:20	10.28	40.13	25.53	9.39	7.97	11.8	2.253	98.5
1228	3/22/2012 8:16:20	10.27	40.77	25.97	9.43	7.98	11.9	2.355	99.2
1229	3/22/2012 8:31:20	10.26	41.16	26.25	9.43	7.99	11.1	2.452	99.4
1230	3/22/2012 8:46:20	10.25	41.15	26.24	9.44	7.99	10.0	2.535	99.4
1231	3/22/2012 9:01:19	10.23	41.52	26.50	9.47	7.96	10.9	2.612	99.9
1232	3/22/2012 9:16:20	10.19	41.76	26.67	9.49	8.00	12.4	2.699	100.1
1233	3/22/2012 9:31:19	10.16	41.84	26.72	9.52	7.96	13.0	2.792	100.4
1234	3/22/2012 9:46:20	10.15	42.18	26.96	9.55	8.01	14.2	2.877	100.8
1235	3/22/2012 10:01:20	10.15	42.36	27.09	9.57	8.00	12.9	2.954	101.2
1236	3/22/2012 10:16:20	10.09	42.56	27.23	9.62	8.02	12.7	3.048	101.7
1237	3/22/2012 10:31:20	10.05	43.11	27.62	9.65	8.03	13.9	3.133	102.1
1238	3/22/2012 10:46:20	9.95	43.86	28.14	9.72	8.05	14.8	3.217	103.0
1239	3/22/2012 11:01:20	9.91	44.44	28.55	9.75	8.06	13.0	3.284	103.4
1240	3/22/2012 11:16:20	9.92	44.63	28.68	9.75	8.07	11.9	3.363	103.5
1241	3/22/2012 11:31:20	9.89	45.01	28.95	9.77	8.07	10.8	3.402	103.9
1242	3/22/2012 11:46:20	9.91	45.22	29.11	9.76	8.08	10.0	3.444	103.9
1243	3/22/2012 12:01:19	9.92	45.25	29.13	9.75	8.02	8.3	3.467	103.8
1244	3/22/2012 12:16:20	9.93	45.12	29.04	9.75	8.08	10.3	3.476	103.9
1245	3/22/2012 12:31:20	9.94	45.17	29.07	9.76	8.08	9.3	3.453	104.0
1246	3/22/2012 12:46:20	10.01	44.92	28.89	9.79	8.08	12.4	3.405	104.4
1247	3/22/2012 13:01:20	10.59	43.24	27.74	9.97	8.08	11.7	3.339	106.8
1248	3/22/2012 13:16:20	10.54	43.14	27.66	9.97	8.08	9.8	3.266	106.7
1249	3/22/2012 13:31:19	10.66	42.79	27.42	9.92	8.01	9.7	3.168	106.2
1250	3/22/2012 13:46:20	10.81	42.51	27.23	9.84	8.06	10.1	3.058	105.6
1251	3/22/2012 14:01:19	10.92	42.39	27.15	9.84	7.99	10.1	2.957	105.8
1252	3/22/2012 14:16:19	11.02	42.19	27.01	9.86	7.99	9.0	2.849	106.1
1253	3/22/2012 14:31:19	11.04	42.06	26.92	9.87	8.00	9.5	2.752	106.3
1254	3/22/2012 14:46:20	11.16	41.53	26.55	9.87	8.04	9.8	2.641	106.2
1255	3/22/2012 15:01:20	11.23	41.23	26.34	9.97	8.06	9.3	2.530	107.3
1256	3/22/2012 15:16:20	11.34	41.81	26.76	10.16	8.11	8.8	2.440	110.0
1257	3/22/2012 15:31:19	11.51	40.98	26.17	10.50	8.04	8.1	2.343	113.6
1258	3/22/2012 15:46:20	11.59	40.45	25.80	10.17	8.08	8.3	2.229	110.0
1259	3/22/2012 16:01:20	11.70	40.22	25.65	10.14	8.07	9.2	2.129	109.9
1260	3/22/2012 16:16:19	11.86	39.92	25.44	10.49	8.02	8.5	2.027	113.9
1261	3/22/2012 16:31:19	11.86	39.50	25.15	10.04	7.99	9.0	1.929	108.8
1262	3/22/2012 16:46:19	12.02	39.71	25.30	10.21	8.03	9.8	1.860	111.1
1263	3/22/2012 17:01:19	12.01	39.46	25.13	10.16	8.01	9.4	1.784	110.5
1264	3/22/2012 17:16:20	12.00	39.43	25.10	10.01	8.06	9.0	1.737	108.8
1265	3/22/2012 17:31:19	11.96	39.30	25.01	9.88	7.99	9.0	1.703	107.2
1266	3/22/2012 17:46:20	11.96	39.39	25.07	9.88	8.05	9.6	1.698	107.2
1267	3/22/2012 18:01:20	11.73	39.53	25.17	9.74	8.02	8.4	1.700	105.2
1268	3/22/2012 18:16:20	11.77	39.59	25.20	9.81	8.03	9.2	1.752	106.1
1269	3/22/2012 18:31:20	11.78	39.43	25.10	9.87	8.03	13.4	1.801	106.7
1270	3/22/2012 18:46:20	11.74	38.65	24.55	9.81	8.01	12.5	1.869	105.6
1271	3/22/2012 19:01:20	11.69	38.83	24.67	9.77	8.00	13.3	1.958	105.1

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1272	3/22/2012 19:16:20	11.61	38.60	24.51	9.77	7.99	14.5	2.049	104.9
1273	3/22/2012 19:31:20	11.57	39.05	24.82	9.76	8.00	25.6	2.147	104.8
1274	3/22/2012 19:46:20	11.41	38.99	24.78	9.72	7.99	23.4	2.229	104.0
1275	3/22/2012 20:01:20	11.31	39.19	24.91	9.69	7.99	26.1	2.323	103.6
1276	3/22/2012 20:16:20	11.07	40.73	25.98	9.61	8.00	10.4	2.416	102.9
1277	3/22/2012 20:31:19	11.04	40.93	26.12	9.61	7.97	12.0	2.501	102.9
1278	3/22/2012 20:46:20	11.07	41.21	26.32	9.65	8.02	16.2	2.590	103.6
1279	3/22/2012 21:01:20	10.97	41.51	26.53	9.66	8.02	12.3	2.678	103.6
1280	3/22/2012 21:16:19	10.87	41.85	26.77	9.69	7.98	16.6	2.765	103.8
1281	3/22/2012 21:31:20	10.77	42.08	26.92	9.71	8.03	18.4	2.858	103.9
1282	3/22/2012 21:46:20	10.67	42.58	27.27	9.72	8.03	16.7	2.955	104.0
1283	3/22/2012 22:01:20	10.62	42.85	27.46	9.72	8.04	17.9	3.040	104.0
1284	3/22/2012 22:16:20	10.53	43.30	27.77	9.75	8.05	17.2	3.138	104.3
1285	3/22/2012 22:31:20	10.40	44.11	28.34	9.75	8.06	14.6	3.237	104.5
1286	3/22/2012 22:46:20	10.31	44.89	28.89	9.79	8.07	15.2	3.310	105.0
1287	3/22/2012 23:01:20	10.26	45.35	29.22	9.78	8.08	12.8	3.398	105.0
1288	3/22/2012 23:16:20	10.22	45.64	29.42	9.74	8.09	12.0	3.464	104.7
1289	3/22/2012 23:31:20	10.20	45.83	29.56	9.76	8.09	11.3	3.531	105.0
1290	3/22/2012 23:46:20	10.18	45.97	29.65	9.81	8.10	10.3	3.575	105.4
1291	3/23/2012 0:01:20	10.16	46.16	29.79	9.72	8.10	16.2	3.604	104.5
1292	3/23/2012 0:16:20	10.15	46.12	29.76	9.55	8.10	7.6	3.616	102.7
1293	3/23/2012 0:31:20	10.17	46.06	29.72	9.75	8.10	9.1	3.595	104.9
1294	3/23/2012 0:46:20	10.18	45.66	29.44	9.78	8.10	10.0	3.566	105.0
1295	3/23/2012 1:01:20	10.11	43.34	27.78	9.69	8.04	11.2	3.502	102.7
1296	3/23/2012 1:16:19	10.17	42.09	26.90	9.71	8.00	13.5	3.409	102.6
1297	3/23/2012 1:31:20	10.21	42.19	26.97	9.68	8.03	11.2	3.333	102.4
1298	3/23/2012 1:46:20	10.23	41.39	26.41	9.69	8.02	13.0	3.221	102.2
1299	3/23/2012 2:01:20	10.27	43.02	27.57	9.74	8.05	13.8	3.102	103.5
1300	3/23/2012 2:16:20	10.35	43.06	27.59	9.72	8.04	14.7	2.988	103.5
1301	3/23/2012 2:31:20	10.36	43.10	27.62	9.70	8.04	12.6	2.875	103.4
1302	3/23/2012 2:46:20	10.30	41.51	26.50	9.59	8.01	11.9	2.775	101.4
1303	3/23/2012 3:01:20	10.29	41.54	26.52	9.58	8.01	11.5	2.659	101.1
1304	3/23/2012 3:16:20	10.32	41.22	26.29	9.58	8.00	11.9	2.542	101.1
1305	3/23/2012 3:31:20	10.35	40.83	26.02	9.58	7.99	12.2	2.425	101.0
1306	3/23/2012 3:46:20	10.37	40.54	25.82	9.52	7.99	12.8	2.323	100.3
1307	3/23/2012 4:01:20	10.54	39.78	25.30	9.53	7.98	11.7	2.205	100.5
1308	3/23/2012 4:16:20	10.51	39.68	25.22	9.48	7.98	11.4	2.081	99.8
1309	3/23/2012 4:31:20	10.40	39.60	25.16	9.44	7.97	10.6	1.979	99.1
1310	3/23/2012 4:46:20	10.38	39.38	25.00	9.39	7.96	11.3	1.859	98.4
1311	3/23/2012 5:01:20	10.43	39.00	24.74	9.39	7.96	11.1	1.766	98.3
1312	3/23/2012 5:16:20	10.50	38.77	24.58	9.39	7.96	11.7	1.679	98.4
1313	3/23/2012 5:31:20	10.51	38.66	24.51	9.38	7.95	11.4	1.596	98.3
1314	3/23/2012 5:46:20	10.50	38.62	24.48	9.32	7.95	10.9	1.551	97.6
1315	3/23/2012 6:01:20	10.51	38.53	24.42	9.28	7.96	10.3	1.520	97.2
1316	3/23/2012 6:16:20	10.56	38.98	24.73	9.23	7.96	8.8	1.497	97.0
1317	3/23/2012 6:31:20	10.44	38.77	24.59	9.35	7.95	10.0	1.515	97.8
1318	3/23/2012 6:46:20	10.46	38.94	24.70	9.35	7.96	10.1	1.571	98.0
1319	3/23/2012 7:01:20	10.45	38.98	24.73	9.36	7.95	9.9	1.611	98.1
1320	3/23/2012 7:16:20	10.43	38.71	24.54	9.39	7.95	9.2	1.682	98.2
1321	3/23/2012 7:31:20	10.43	38.34	24.29	9.40	7.95	9.9	1.772	98.1
1322	3/23/2012 7:46:20	10.47	38.36	24.30	9.40	7.94	10.0	1.863	98.3
1323	3/23/2012 8:01:20	10.50	38.75	24.57	9.37	7.95	10.3	1.954	98.2
1324	3/23/2012 8:16:20	10.47	38.22	24.20	9.42	7.94	10.4	2.041	98.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	DO%
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters	
1325	3/23/2012 8:31:20	10.46	39.37	25.00	9.45	7.96	10.1	2.137	99.2
1326	3/23/2012 8:46:20	10.48	40.41	25.73	9.46	7.99	10.6	2.227	99.9
1327	3/23/2012 9:01:20	10.49	40.80	26.01	9.52	8.00	9.8	2.307	100.7
1328	3/23/2012 9:16:20	10.50	40.77	25.99	9.55	8.00	9.7	2.401	101.0
1329	3/23/2012 9:31:20	10.49	40.95	26.11	9.55	8.00	9.2	2.481	101.1
1330	3/23/2012 9:46:20	10.47	41.36	26.40	9.58	8.01	11.4	2.573	101.5
1331	3/23/2012 10:01:20	10.43	41.62	26.58	9.60	8.01	11.9	2.654	101.8
1332	3/23/2012 10:16:20	10.43	41.91	26.79	9.62	8.02	12.3	2.733	102.1
1333	3/23/2012 10:31:20	10.38	42.22	27.01	9.63	8.02	11.9	2.818	102.3
1334	3/23/2012 10:46:20	10.33	42.50	27.20	9.64	8.03	12.8	2.904	102.4
1335	3/23/2012 11:01:20	10.29	42.93	27.50	9.66	8.04	11.8	2.988	102.7
1336	3/23/2012 11:16:20	10.22	43.49	27.89	9.66	8.04	12.6	3.063	102.8
1337	3/23/2012 11:31:20	10.07	44.75	28.78	9.70	8.06	12.6	3.151	103.4
1338	3/23/2012 11:46:20	10.05	45.27	29.15	9.71	8.07	11.4	3.223	103.7
1339	3/23/2012 12:01:20	10.07	45.36	29.21	9.68	8.08	9.5	3.283	103.6
1340	3/23/2012 12:16:20	10.11	45.49	29.31	9.68	8.09	9.0	3.334	103.6
1341	3/23/2012 12:31:20	10.09	45.68	29.44	9.67	8.09	8.8	3.374	103.6
1342	3/23/2012 12:46:20	10.14	45.69	29.45	9.62	8.09	6.8	3.389	103.2
1343	3/23/2012 13:01:20	10.47	44.60	28.70	9.73	8.09	9.4	3.387	104.6
1344	3/23/2012 13:16:20	10.10	45.78	29.51	9.48	8.09	17.9	3.373	101.6
	Mean	10.07	44.78	28.81	9.25	8.00	10.18	2.56	98.66
	Minimum	8.92	38.20	24.16	7.60	7.84	4.70	1.12	81.30
	Maximum	12.02	50.92	33.14	10.50	8.13	28.60	3.86	113.90

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	3/23/2012 14:46:19	10.45	44.759	28.81	9.43	8.04	10.4	3.066	101.4
1	3/23/2012 15:01:19	10.66	44.364	28.54	9.57	8.03	10.9	3.282	103.2
2	3/23/2012 15:16:19	10.61	44.26	28.46	9.5	8.02	11.2	3.182	102.3
3	3/23/2012 15:31:19	10.42	44.193	28.4	9.43	8.01	13.5	3.107	101.1
4	3/23/2012 15:46:19	10.53	43.767	28.11	9.43	8.01	10.7	3.004	101.1
5	3/23/2012 16:01:19	11.09	42.203	27.02	9.5	8.00	13.8	2.906	102.4
6	3/23/2012 16:16:19	11.19	41.903	26.82	9.53	8.00	12.3	2.804	102.8
7	3/23/2012 16:31:19	11.23	41.442	26.49	9.51	7.99	12.3	2.709	102.5
8	3/23/2012 16:46:19	11.26	41.466	26.51	9.51	7.99	12.3	2.637	102.6
9	3/23/2012 17:01:18	11.27	41.192	26.32	9.53	7.97	12.4	2.539	102.7
10	3/23/2012 17:16:19	11.25	40.868	26.09	9.56	7.99	13.6	2.445	102.9
11	3/23/2012 17:31:18	11.26	40.421	25.77	9.58	7.97	13	2.359	102.9
12	3/23/2012 17:46:19	11.33	40.077	25.53	9.68	8.00	11.4	2.271	103.9
13	3/23/2012 18:01:19	11.37	40.266	25.67	9.62	8.01	10.6	2.168	103.5
14	3/23/2012 18:16:18	11.44	39.888	25.41	9.57	7.97	10.1	2.103	103
15	3/23/2012 18:31:19	11.51	39.432	25.09	9.49	7.98	9.5	2.058	102.1
16	3/23/2012 18:46:19	11.51	39.373	25.05	9.46	7.98	9.7	1.98	101.6
17	3/23/2012 19:01:19	11.53	39.15	24.89	9.47	7.97	9	1.972	101.7
18	3/23/2012 19:16:19	11.34	39.953	25.45	9.33	7.97	8.7	1.963	100.2
19	3/23/2012 19:31:19	11.28	40.132	25.57	9.37	7.96	8.7	1.973	100.5
20	3/23/2012 19:46:19	11.4	39.633	25.23	9.44	7.97	9	1.995	101.4
21	3/23/2012 20:01:19	11.32	40.015	25.49	9.42	7.97	9.4	2.047	101.1
22	3/23/2012 20:16:19	11.36	39.482	25.12	9.46	7.96	10.3	2.128	101.4
23	3/23/2012 20:31:19	11.31	39.459	25.1	9.45	7.96	12.9	2.205	101.2
24	3/23/2012 20:46:19	11.27	40.111	25.56	9.41	7.96	12.7	2.295	100.9
25	3/23/2012 21:01:19	11.24	40.406	25.76	9.41	7.96	11.7	2.377	101
26	3/23/2012 21:16:19	11.23	40.152	25.58	9.43	7.97	10.1	2.467	101.1
27	3/23/2012 21:31:19	11.09	41.225	26.33	9.39	7.97	12.7	2.55	100.8
28	3/23/2012 21:46:19	11.02	41.427	26.47	9.39	7.98	12.2	2.638	100.7
29	3/23/2012 22:01:19	10.98	41.709	26.67	9.38	7.98	12.3	2.723	100.7
30	3/23/2012 22:16:19	10.93	42.032	26.9	9.36	7.98	11.7	2.797	100.5
31	3/23/2012 22:31:19	10.84	42.606	27.3	9.37	7.99	13.4	2.884	100.7
32	3/23/2012 22:46:19	10.79	43.037	27.6	9.36	7.99	14.4	2.986	100.6
33	3/23/2012 23:01:19	10.72	43.263	27.76	9.36	8.00	13.9	3.078	100.6
34	3/23/2012 23:16:18	10.64	43.551	27.96	9.36	7.98	15.1	3.124	100.6
35	3/23/2012 23:31:19	10.53	44.094	28.34	9.37	8.01	15.8	3.283	100.7
36	3/23/2012 23:46:19	10.44	44.609	28.7	9.38	8.03	15	3.353	100.8
37	3/24/2012 0:01:19	10.28	45.719	29.48	9.4	8.03	13.7	3.43	101.2
38	3/24/2012 0:16:19	10.21	46.099	29.75	9.4	8.03	12.6	3.524	101.2
39	3/24/2012 0:31:19	10.19	46.265	29.87	9.39	8.04	10.4	3.619	101.1
40	3/24/2012 0:46:19	10.16	46.479	30.02	9.39	8.04	9	3.687	101.1
41	3/24/2012 1:01:19	10.14	46.676	30.16	9.38	8.04	8.9	3.729	101.1
42	3/24/2012 1:16:19	10.09	46.869	30.29	9.38	8.05	7.3	3.769	101
43	3/24/2012 1:31:19	10.09	46.955	30.35	9.34	8.05	6.7	3.791	100.7
44	3/24/2012 1:46:19	10.13	46.694	30.17	9.32	8.04	6.9	3.793	100.4
45	3/24/2012 2:01:19	10.07	47.091	30.45	9.34	8.05	7.5	3.803	100.7
46	3/24/2012 2:16:19	10.12	46.966	30.36	9.36	8.05	8.4	3.768	101
47	3/24/2012 2:31:19	10.17	46.623	30.12	9.35	8.04	9.1	3.695	100.7
48	3/24/2012 2:46:19	10.21	45.884	29.6	9.33	8.08	12.6	3.619	100.3
49	3/24/2012 3:01:19	10.19	45.399	29.25	9.31	8.07	10.6	3.527	99.8
50	3/24/2012 3:16:19	10.19	45.154	29.07	9.32	8.02	10.5	3.42	99.8
51	3/24/2012 3:31:19	10.23	44.698	28.75	9.3	8.02	11.1	3.331	99.6
52	3/24/2012 3:46:19	10.26	44.177	28.38	9.29	8.01	11.6	3.203	99.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	3/24/2012 4:01:19	10.31	43.737	28.07	9.29	8.01	15.2	3.096	99.1
54	3/24/2012 4:16:19	10.34	43.055	27.59	9.29	8.00	14.9	2.981	98.9
55	3/24/2012 4:31:19	10.36	42.873	27.46	9.26	7.99	14.7	2.862	98.5
56	3/24/2012 4:46:19	10.36	42.755	27.38	9.26	7.99	13.5	2.761	98.5
57	3/24/2012 5:01:18	10.45	42.248	27.03	9.23	7.97	14.6	2.631	98.1
58	3/24/2012 5:16:19	10.44	42.354	27.1	9.21	7.98	12.8	2.505	98
59	3/24/2012 5:31:19	10.44	42.165	26.97	9.19	8.01	12.8	2.403	97.7
60	3/24/2012 5:46:19	10.48	41.545	26.53	9.18	7.97	11.4	2.279	97.4
61	3/24/2012 6:01:19	10.49	40.822	26.02	9.16	7.96	11.7	2.173	96.9
62	3/24/2012 6:16:19	10.38	41.128	26.23	9.12	7.96	10.6	2.056	96.3
63	3/24/2012 6:31:19	10.49	40.337	25.68	9.12	7.95	11.1	1.949	96.2
64	3/24/2012 6:46:19	10.52	40.048	25.48	9.12	7.95	10.6	1.864	96.2
65	3/24/2012 7:01:19	10.54	39.772	25.29	9.1	7.95	10.3	1.754	95.9
66	3/24/2012 7:16:19	10.57	39.568	25.15	9.1	7.95	10.6	1.691	95.8
67	3/24/2012 7:31:19	10.58	39.415	25.04	9.07	7.95	10.4	1.643	95.5
68	3/24/2012 7:46:19	10.58	39.303	24.96	9.11	7.95	10.8	1.627	95.8
69	3/24/2012 8:01:19	10.56	39.437	25.05	9.05	7.95	9.5	1.617	95.3
70	3/24/2012 8:16:19	10.56	39.566	25.14	9.07	7.94	10.3	1.644	95.5
71	3/24/2012 8:31:19	10.56	39.603	25.17	9.08	7.94	10	1.695	95.6
72	3/24/2012 8:46:19	10.55	39.663	25.21	9.08	7.94	10.1	1.764	95.6
73	3/24/2012 9:01:19	10.5	38.923	24.69	9.14	7.93	10.1	1.851	95.8
74	3/24/2012 9:16:19	10.51	38.59	24.46	9.16	7.93	10.3	1.936	95.9
75	3/24/2012 9:31:19	10.58	39.564	25.14	9.11	7.97	9.5	2.032	96
76	3/24/2012 9:46:19	10.59	39.659	25.21	9.11	7.94	11.2	2.125	96
77	3/24/2012 10:01:19	10.57	40.037	25.47	9.13	7.95	11.5	2.211	96.3
78	3/24/2012 10:16:19	10.56	40.332	25.68	9.11	7.95	10.9	2.296	96.3
79	3/24/2012 10:31:19	10.57	40.637	25.9	9.14	7.96	10.9	2.391	96.7
80	3/24/2012 10:46:19	10.57	40.717	25.95	9.17	7.97	11.1	2.467	97.1
81	3/24/2012 11:01:18	10.59	40.936	26.11	9.17	7.96	10.7	2.552	97.2
82	3/24/2012 11:16:19	10.6	40.976	26.14	9.18	7.97	10.8	2.638	97.4
83	3/24/2012 11:31:19	10.61	41.462	26.48	9.2	8.01	11.9	2.707	97.8
84	3/24/2012 11:46:19	10.57	41.582	26.56	9.2	7.97	12.1	2.795	97.8
85	3/24/2012 12:01:19	10.58	41.841	26.74	9.2	8.01	13.9	2.874	97.9
86	3/24/2012 12:16:19	10.56	42.186	26.99	9.22	7.98	13.2	2.956	98.3
87	3/24/2012 12:31:19	10.54	42.497	27.21	9.23	7.98	12.2	3.04	98.5
88	3/24/2012 12:46:19	10.45	42.979	27.54	9.24	7.99	13.1	3.13	98.6
89	3/24/2012 13:01:19	10.28	43.974	28.24	9.26	8.00	19.8	3.202	98.8
90	3/24/2012 13:16:19	10.19	44.774	28.8	9.27	8.01	19.6	3.277	99.1
91	3/24/2012 13:31:19	10.18	45.213	29.11	9.28	8.02	14.8	3.333	99.4
92	3/24/2012 13:46:19	10.19	45.419	29.26	9.29	8.02	10.3	3.391	99.6
93	3/24/2012 14:01:19	10.17	45.592	29.38	9.28	8.03	9.5	3.445	99.5
94	3/24/2012 14:16:19	10.17	45.71	29.47	9.21	8.02	6.7	3.455	98.8
95	3/24/2012 14:31:19	10.17	45.631	29.41	9.25	8.02	8.1	3.458	99.2
96	3/24/2012 14:46:19	10.15	45.781	29.52	9.23	8.03	8.6	3.449	99.1
97	3/24/2012 15:01:19	10.16	45.674	29.44	9.26	8.03	9.7	3.405	99.4
98	3/24/2012 15:16:19	10.23	45.125	29.06	9.28	8.02	10.8	3.343	99.5
99	3/24/2012 15:31:19	10.43	44.163	28.38	9.32	8.01	12.2	3.282	99.9
100	3/24/2012 15:46:19	10.69	43.174	27.69	9.37	8.01	11.3	3.205	100.6
101	3/24/2012 16:01:19	10.67	43.289	27.77	9.36	8.01	10.6	3.112	100.5
102	3/24/2012 16:16:19	10.77	42.778	27.42	9.35	8.00	10.8	3.02	100.4
103	3/24/2012 16:31:19	10.89	42.298	27.08	9.39	8.00	9.3	2.934	100.9
104	3/24/2012 16:46:19	10.97	41.909	26.81	9.41	8.00	8.7	2.842	101.1
105	3/24/2012 17:01:19	10.98	41.947	26.84	9.47	8.01	8.6	2.744	101.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	3/24/2012 17:16:19	11.01	41.768	26.71	9.57	8.01	8.3	2.665	102.8
107	3/24/2012 17:31:19	11.03	41.692	26.66	9.68	8.03	8.1	2.574	104
108	3/24/2012 17:46:19	11.09	40.971	26.15	9.68	8.01	8.1	2.489	103.8
109	3/24/2012 18:01:19	11.16	40.33	25.71	9.45	7.98	8.2	2.414	101.2
110	3/24/2012 18:16:19	11.2	40.191	25.61	9.58	8.01	7.8	2.341	102.6
111	3/24/2012 18:31:19	11.21	40.573	25.88	9.78	7.98	7.6	2.258	105
112	3/24/2012 18:46:19	11.22	40.211	25.62	9.76	7.93	7.8	2.21	104.6
113	3/24/2012 19:01:19	11.25	39.969	25.46	9.67	7.91	7.5	2.151	103.6
114	3/24/2012 19:16:19	11.27	39.781	25.32	9.5	7.99	7.6	2.106	101.8
115	3/24/2012 19:31:19	11.29	39.779	25.32	9.43	7.98	8.1	2.101	101
116	3/24/2012 19:46:19	11.29	39.674	25.25	9.4	7.98	6.9	2.099	100.7
117	3/24/2012 20:01:19	11.23	39.896	25.4	9.41	7.99	7	2.103	100.7
118	3/24/2012 20:16:19	11.23	39.916	25.42	9.47	7.99	7.5	2.136	101.3
119	3/24/2012 20:31:19	11.21	39.81	25.34	9.4	7.98	7.5	2.182	100.6
120	3/24/2012 20:46:19	11.2	39.976	25.46	9.43	7.98	7.9	2.247	100.9
121	3/24/2012 21:01:19	11.24	39.379	25.04	9.43	7.97	8.4	2.321	100.7
122	3/24/2012 21:16:19	11.19	39.749	25.3	9.39	7.97	8.4	2.398	100.4
123	3/24/2012 21:31:19	11.13	40.604	25.9	9.32	7.97	10	2.476	99.9
124	3/24/2012 21:46:19	11.11	40.782	26.02	9.32	7.97	8.8	2.556	99.9
125	3/24/2012 22:01:19	11.05	41.072	26.22	9.33	7.98	8.4	2.639	100
126	3/24/2012 22:16:19	10.93	41.597	26.59	9.31	7.98	8.5	2.717	99.8
127	3/24/2012 22:31:19	10.89	41.599	26.59	9.33	7.99	8.1	2.793	99.9
128	3/24/2012 22:46:19	10.83	41.687	26.65	9.34	7.99	7.8	2.883	99.9
129	3/24/2012 23:01:19	10.74	42.679	27.34	9.31	7.99	7.9	2.958	99.8
130	3/24/2012 23:16:19	10.6	43.8	28.13	9.27	8.00	10.3	3.038	99.6
131	3/24/2012 23:31:19	10.55	44.187	28.4	9.26	8.00	12.8	3.134	99.5
132	3/24/2012 23:46:19	10.52	44.415	28.56	9.26	8.05	12.6	3.205	99.6
133	3/25/2012 0:01:19	10.49	44.612	28.7	9.26	8.05	11.8	3.304	99.6
134	3/25/2012 0:16:19	10.44	44.889	28.9	9.29	8.06	12.6	3.383	99.9
135	3/25/2012 0:31:19	10.37	45.411	29.27	9.31	8.06	13	3.473	100.2
136	3/25/2012 0:46:19	10.31	45.835	29.57	9.32	8.03	12.2	3.538	100.5
137	3/25/2012 1:01:19	10.26	46.187	29.82	9.33	8.03	10.9	3.597	100.6
138	3/25/2012 1:16:19	10.23	46.605	30.11	9.34	8.04	8.6	3.655	100.8
139	3/25/2012 1:31:19	10.2	46.792	30.25	9.33	8.04	8.7	3.699	100.7
140	3/25/2012 1:46:19	10.19	46.901	30.32	9.3	8.04	7.3	3.726	100.5
141	3/25/2012 2:01:19	10.19	46.981	30.38	9.22	8.03	5.2	3.739	99.6
142	3/25/2012 2:16:19	10.21	46.88	30.31	9.26	8.08	7.6	3.717	100
143	3/25/2012 2:31:19	10.2	46.988	30.38	9.3	8.04	7.5	3.699	100.5
144	3/25/2012 2:46:19	10.21	46.856	30.29	9.29	8.04	8.5	3.643	100.3
145	3/25/2012 3:01:19	10.37	44.883	28.89	9.21	8.06	11.2	3.563	99
146	3/25/2012 3:16:19	10.4	44.069	28.31	9.2	8.01	9.7	3.489	98.6
147	3/25/2012 3:31:19	10.42	43.883	28.18	9.23	8.01	9.8	3.396	98.8
148	3/25/2012 3:46:19	10.52	42.804	27.42	9.22	7.99	9.3	3.302	98.5
149	3/25/2012 4:01:19	10.52	43.367	27.82	9.21	8.00	11.3	3.18	98.6
150	3/25/2012 4:16:19	10.55	42.767	27.4	9.16	8.03	9.3	3.102	97.9
151	3/25/2012 4:31:19	10.57	42.916	27.5	9.18	7.99	11.6	2.989	98.2
152	3/25/2012 4:46:19	10.65	42.968	27.54	9.2	7.99	12.5	2.88	98.6
153	3/25/2012 5:01:19	10.71	42.016	26.87	9.16	8.02	11.5	2.771	97.9
154	3/25/2012 5:16:19	10.68	41.458	26.48	9.14	7.97	10.2	2.648	97.3
155	3/25/2012 5:31:19	10.68	41.487	26.5	9.11	7.97	9.4	2.541	97
156	3/25/2012 5:46:19	10.74	41.168	26.28	9.09	7.96	9.4	2.425	96.9
157	3/25/2012 6:01:19	10.67	41.279	26.35	9.04	7.95	8.6	2.317	96.2
158	3/25/2012 6:16:19	10.77	40.829	26.04	8.99	7.95	8.4	2.189	95.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	3/25/2012 6:31:19	10.77	40.704	25.95	9	7.95	8.5	2.069	95.7
160	3/25/2012 6:46:19	10.81	40.434	25.76	8.96	7.95	9.2	1.97	95.3
161	3/25/2012 7:01:19	10.79	40.335	25.69	8.91	7.97	8.6	1.842	94.7
162	3/25/2012 7:16:19	10.86	39.954	25.43	8.92	7.94	8.3	1.761	94.7
163	3/25/2012 7:31:19	10.83	39.958	25.43	8.92	7.94	8.2	1.677	94.7
164	3/25/2012 7:46:19	10.85	39.798	25.32	8.91	7.93	8.7	1.621	94.6
165	3/25/2012 8:01:19	10.87	39.68	25.24	8.86	7.93	8.1	1.565	94
166	3/25/2012 8:16:19	10.89	39.627	25.2	8.9	7.93	7.6	1.559	94.4
167	3/25/2012 8:31:19	10.86	39.888	25.38	8.82	7.93	7.6	1.548	93.7
168	3/25/2012 8:46:19	10.84	39.999	25.46	8.9	7.97	7.7	1.597	94.5
169	3/25/2012 9:01:19	10.84	39.972	25.44	8.94	7.94	7.6	1.619	94.9
170	3/25/2012 9:16:19	10.83	40.028	25.48	8.91	7.93	7.7	1.68	94.6
171	3/25/2012 9:31:19	10.84	39.673	25.23	8.95	7.93	7.6	1.779	94.9
172	3/25/2012 9:46:19	10.83	39.08	24.82	8.99	7.93	8.8	1.834	95.1
173	3/25/2012 10:01:19	10.83	39.5	25.11	8.95	7.93	8.4	1.922	94.8
174	3/25/2012 10:16:19	10.82	39.522	25.12	8.94	7.93	7.9	2.022	94.7
175	3/25/2012 10:31:19	10.83	40.137	25.56	8.93	7.94	8.4	2.097	94.9
176	3/25/2012 10:46:19	10.82	39.725	25.27	9	7.94	8.5	2.184	95.4
177	3/25/2012 11:01:19	10.78	40.409	25.75	9.01	7.98	8.1	2.269	95.7
178	3/25/2012 11:16:19	10.77	40.836	26.05	9.04	7.96	8.3	2.357	96.2
179	3/25/2012 11:31:19	10.75	41.162	26.27	9.05	7.96	8.1	2.425	96.4
180	3/25/2012 11:46:19	10.73	41.681	26.64	9.07	7.97	7.6	2.52	96.9
181	3/25/2012 12:01:19	10.75	41.802	26.72	9.1	7.98	8	2.61	97.2
182	3/25/2012 12:16:19	10.71	42.147	26.97	9.11	7.98	8.5	2.673	97.4
183	3/25/2012 12:31:19	10.69	42.461	27.19	9.1	7.98	8.9	2.757	97.3
184	3/25/2012 12:46:19	10.66	42.64	27.31	9.09	7.98	10.5	2.826	97.3
185	3/25/2012 13:01:19	10.7	42.752	27.39	9.13	8.02	10.1	2.906	97.8
186	3/25/2012 13:16:19	10.73	42.844	27.46	9.15	7.99	8.7	2.981	98.1
187	3/25/2012 13:31:19	10.69	42.997	27.57	9.15	7.99	9.7	3.049	98.1
188	3/25/2012 13:46:19	10.57	43.522	27.93	9.16	7.99	11.2	3.121	98.2
189	3/25/2012 14:01:19	10.43	44.503	28.62	9.21	8.04	12.1	3.182	98.9
190	3/25/2012 14:16:19	10.4	44.923	28.92	9.23	8.05	10.7	3.24	99.2
191	3/25/2012 14:31:19	10.4	45.244	29.15	9.26	8.05	8.5	3.281	99.8
192	3/25/2012 14:46:19	10.41	45.38	29.25	9.2	8.02	6.1	3.299	99.1
193	3/25/2012 15:01:19	10.43	45.265	29.17	9.23	8.01	6.8	3.328	99.4
194	3/25/2012 15:16:19	10.42	45.421	29.28	9.21	8.02	7	3.323	99.3
195	3/25/2012 15:31:19	10.51	44.867	28.89	9.25	8.01	7.6	3.29	99.6
196	3/25/2012 15:46:19	10.74	44.389	28.56	9.3	8.01	8.9	3.246	100.5
197	3/25/2012 16:01:19	10.92	43.874	28.2	9.34	8.02	8.1	3.192	101.1
198	3/25/2012 16:16:19	11.27	43.232	27.76	9.37	8.02	7.9	3.127	102
199	3/25/2012 16:31:19	11.43	43.12	27.69	9.51	8.03	9.7	3.038	103.7
200	3/25/2012 16:46:19	11.39	43.151	27.71	9.54	8.02	8.3	2.957	103.9
201	3/25/2012 17:01:19	11.65	42.335	27.14	9.51	8.02	7.8	2.881	103.9
202	3/25/2012 17:16:19	11.74	42.085	26.97	9.57	8.03	8.7	2.791	104.6
203	3/25/2012 17:31:19	11.8	41.756	26.74	9.71	8.03	7.7	2.721	106.1
204	3/25/2012 17:46:19	11.83	41.89	26.83	10.03	8.05	6.9	2.639	109.8
205	3/25/2012 18:01:19	11.81	41.576	26.61	9.75	8.07	6.5	2.575	106.5
206	3/25/2012 18:16:19	11.91	41.491	26.55	9.85	8.07	6.8	2.51	107.8
207	3/25/2012 18:31:18	12	41.537	26.59	9.79	8.21	6.1	2.441	107.4
208	3/25/2012 18:46:19	12.05	41.135	26.31	10.07	8.15	6	2.369	110.4
209	3/25/2012 19:01:19	12	40.353	25.75	9.65	8.01	6.4	2.318	105.3
210	3/25/2012 19:16:19	12.05	40.702	26	10.01	8.07	5.9	2.258	109.5
211	3/25/2012 19:31:19	12.02	40.381	25.77	9.83	8.04	6.1	2.219	107.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	3/25/2012 19:46:19	12.09	40.189	25.64	9.68	8.02	6.1	2.181	105.7
213	3/25/2012 20:01:19	12.16	39.992	25.5	9.56	8.00	6	2.173	104.5
214	3/25/2012 20:16:19	12.03	40.208	25.65	9.58	8.01	5.8	2.164	104.5
215	3/25/2012 20:31:19	12	40.177	25.63	9.63	8.01	6	2.173	104.9
216	3/25/2012 20:46:19	11.99	40.249	25.68	9.61	8.01	6.2	2.208	104.7
217	3/25/2012 21:01:19	11.86	40.613	25.93	9.44	7.99	6.5	2.252	102.8
218	3/25/2012 21:16:19	11.89	40.357	25.75	9.53	8.00	6.9	2.308	103.7
219	3/25/2012 21:31:19	12	40.164	25.62	9.49	7.99	7	2.357	103.5
220	3/25/2012 21:46:19	11.79	40.861	26.1	9.38	7.99	7	2.434	102.1
221	3/25/2012 22:01:19	11.75	41.246	26.37	9.32	8.02	8	2.511	101.6
222	3/25/2012 22:16:19	11.73	41.399	26.48	9.37	7.99	7.2	2.574	102.1
223	3/25/2012 22:31:19	11.67	41.666	26.67	9.38	8.03	6.7	2.655	102.2
224	3/25/2012 22:46:19	11.6	41.82	26.77	9.37	8.03	7.2	2.729	102
225	3/25/2012 23:01:19	11.36	42.087	26.95	9.36	8.00	8	2.801	101.5
226	3/25/2012 23:16:19	11.21	42.42	27.18	9.36	8.00	7.6	2.875	101.3
227	3/25/2012 23:31:19	11.13	42.753	27.41	9.33	8.00	6.7	2.955	101
228	3/25/2012 23:46:19	11.04	42.95	27.55	9.34	8.00	6.3	3.041	100.9
229	3/26/2012 0:01:19	10.96	43.566	27.98	9.3	8.00	6.3	3.117	100.6
230	3/26/2012 0:16:19	10.85	44.392	28.57	9.25	8.01	6.8	3.197	100.2
231	3/26/2012 0:31:19	10.71	45.318	29.22	9.23	8.01	7.9	3.281	100.1
232	3/26/2012 0:46:19	10.7	45.619	29.43	9.23	8.02	8.8	3.35	100.2
233	3/26/2012 1:01:19	10.7	45.788	29.55	9.24	8.02	8.9	3.427	100.4
234	3/26/2012 1:16:19	10.63	46.096	29.77	9.23	8.02	9.2	3.496	100.3
235	3/26/2012 1:31:19	10.55	46.493	30.05	9.25	8.02	8.4	3.555	100.5
236	3/26/2012 1:46:19	10.51	46.731	30.22	9.25	8.07	8.3	3.604	100.5
237	3/26/2012 2:01:19	10.47	46.88	30.32	9.24	8.03	6.8	3.649	100.4
238	3/26/2012 2:16:19	10.45	47.033	30.43	9.25	8.03	6.2	3.672	100.6
239	3/26/2012 2:31:19	10.51	46.793	30.26	9.21	8.03	6.5	3.668	100.1
240	3/26/2012 2:46:19	10.49	46.866	30.31	9.15	8.02	5.7	3.663	99.5
241	3/26/2012 3:01:19	10.45	47.06	30.45	9.23	8.07	6.4	3.632	100.3
242	3/26/2012 3:16:19	10.47	46.866	30.31	9.22	8.03	7	3.573	100.2
243	3/26/2012 3:31:19	10.57	45.571	29.39	9.18	8.02	7.2	3.516	99.4
244	3/26/2012 3:46:19	10.66	44.006	28.28	9.17	8.00	7.6	3.433	98.7
245	3/26/2012 4:01:19	10.72	43.488	27.92	9.15	8.00	8.1	3.355	98.5
246	3/26/2012 4:16:19	10.83	42.95	27.54	9.19	8.00	8.7	3.266	98.9
247	3/26/2012 4:31:19	10.87	43.327	27.81	9.18	8.00	9.6	3.153	99
248	3/26/2012 4:46:19	10.98	43.105	27.66	9.18	8.00	9.8	3.061	99.2
249	3/26/2012 5:01:19	10.93	43.506	27.94	9.2	8.00	9	2.967	99.5
250	3/26/2012 5:16:19	10.95	42.6	27.3	9.15	7.99	9.2	2.862	98.5
251	3/26/2012 5:31:19	10.92	42.529	27.25	9.13	7.99	8.1	2.76	98.2
252	3/26/2012 5:46:19	10.91	42.306	27.09	9.13	7.98	8.2	2.653	98.1
253	3/26/2012 6:01:19	10.99	41.635	26.62	9.12	7.98	9.1	2.551	97.9
254	3/26/2012 6:16:19	10.86	41.74	26.69	9.09	7.98	7.9	2.442	97.3
255	3/26/2012 6:31:19	10.84	41.527	26.53	9.06	7.97	9.9	2.313	96.9
256	3/26/2012 6:46:19	10.81	41.248	26.34	9.05	7.96	15.1	2.213	96.6
257	3/26/2012 7:01:19	10.85	40.97	26.14	9.08	7.96	12.2	2.11	96.8
258	3/26/2012 7:16:19	10.86	40.822	26.04	9.06	8.00	11.5	1.996	96.6
259	3/26/2012 7:31:19	10.86	40.742	25.98	9.06	7.96	11.9	1.885	96.6
260	3/26/2012 7:46:19	10.95	40.462	25.79	9.05	7.96	14.5	1.795	96.6
261	3/26/2012 8:01:19	11.05	40.205	25.61	9.04	7.96	11.8	1.724	96.5
262	3/26/2012 8:16:19	11.1	40.021	25.49	8.99	7.96	11.5	1.657	96.1
263	3/26/2012 8:31:19	11.11	40.05	25.51	9.05	7.96	10.9	1.604	96.7
264	3/26/2012 8:46:19	11.11	39.973	25.45	8.95	7.95	8.9	1.589	95.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	3/26/2012 9:01:19	11.09	40.032	25.49	9	7.96	10.3	1.588	96.2
266	3/26/2012 9:16:19	11.08	40.211	25.62	9.04	7.96	9.2	1.604	96.6
267	3/26/2012 9:31:19	11.07	40.424	25.77	9.04	7.96	9	1.634	96.6
268	3/26/2012 9:46:19	11.07	40.422	25.77	9.05	7.96	8.9	1.693	96.8
269	3/26/2012 10:01:19	11.05	39.983	25.46	9.06	7.96	9.2	1.761	96.7
270	3/26/2012 10:16:19	11.06	39.901	25.4	9.03	7.95	9	1.825	96.3
271	3/26/2012 10:31:19	11.07	39.743	25.29	9.02	7.98	8.7	1.897	96.2
272	3/26/2012 10:46:19	11.08	40.199	25.61	8.98	7.98	7.9	1.981	96
273	3/26/2012 11:01:19	11.09	40.114	25.55	8.99	7.95	8.1	2.051	96
274	3/26/2012 11:16:19	11.07	40.095	25.54	9	7.95	8	2.126	96.1
275	3/26/2012 11:31:19	11.06	40.457	25.79	9.03	7.96	7.8	2.202	96.6
276	3/26/2012 11:46:19	11.03	40.835	26.06	9.07	7.97	7.3	2.272	97
277	3/26/2012 12:01:19	10.98	41.795	26.73	9.07	7.98	7.3	2.35	97.4
278	3/26/2012 12:16:19	11.03	41.603	26.6	9.16	7.98	8.9	2.426	98.3
279	3/26/2012 12:31:19	11.01	41.835	26.76	9.16	7.99	7.6	2.495	98.5
280	3/26/2012 12:46:19	11	42.161	26.99	9.17	7.99	7.2	2.574	98.7
281	3/26/2012 13:01:19	10.98	42.475	27.21	9.15	7.99	6.8	2.645	98.5
282	3/26/2012 13:16:19	10.94	42.772	27.42	9.13	7.99	7.2	2.711	98.4
283	3/26/2012 13:31:19	10.93	42.993	27.58	9.17	8.00	9.5	2.775	98.9
284	3/26/2012 13:46:19	10.9	43.18	27.71	9.18	8.00	8.6	2.85	99
285	3/26/2012 14:01:19	10.87	43.306	27.79	9.2	8.00	7.9	2.911	99.2
286	3/26/2012 14:16:19	10.84	43.522	27.95	9.21	8.04	8.4	2.969	99.4
287	3/26/2012 14:31:19	10.81	43.686	28.06	9.22	8.00	7.6	3.042	99.4
288	3/26/2012 14:46:19	10.79	44.005	28.29	9.22	8.02	6.9	3.081	99.6
289	3/26/2012 15:01:19	10.75	44.197	28.42	9.19	8.03	7.2	3.149	99.3
290	3/26/2012 15:16:19	10.63	44.918	28.93	9.16	8.04	7	3.179	99
291	3/26/2012 15:31:19	10.61	45.081	29.04	9.17	8.01	5.6	3.201	99.1
292	3/26/2012 15:46:19	10.6	45.297	29.2	8.98	8.01	4.6	3.209	97.1
293	3/26/2012 16:01:19	10.63	45.149	29.09	9.08	8.01	5.6	3.211	98.3
294	3/26/2012 16:16:19	10.96	44.264	28.48	9.27	8.03	7.5	3.198	100.6
295	3/26/2012 16:31:19	10.93	44.141	28.39	9.37	8.07	7.3	3.168	101.6
296	3/26/2012 16:46:19	10.97	43.913	28.23	9.31	8.02	8.1	3.119	100.9
297	3/26/2012 17:01:19	11.05	43.513	27.95	9.37	8.02	8.9	3.065	101.5
298	3/26/2012 17:16:19	11.09	43.2	27.73	9.41	8.02	8.3	2.998	101.9
299	3/26/2012 17:31:19	10.99	43.351	27.83	9.34	8.02	7.8	2.929	101
300	3/26/2012 17:46:19	11.02	42.864	27.49	9.26	8.01	10.8	2.859	100
301	3/26/2012 18:01:19	11.08	42.586	27.29	9.28	8.01	10	2.792	100.2
302	3/26/2012 18:16:19	11.06	42.551	27.27	9.27	8.01	9.5	2.723	100.1
303	3/26/2012 18:31:19	11.06	42.434	27.19	9.3	8.01	11.5	2.669	100.3
304	3/26/2012 18:46:19	11.13	42.351	27.13	9.33	8.05	8.9	2.613	100.8
305	3/26/2012 19:01:19	11.1	42.165	27	9.32	8.01	10	2.55	100.5
306	3/26/2012 19:16:19	11.08	42.086	26.94	9.28	8.01	10.9	2.498	100
307	3/26/2012 19:31:19	11.09	42.056	26.92	9.27	8.01	10.1	2.458	99.8
308	3/26/2012 19:46:19	11.06	41.953	26.85	9.23	8.00	11.1	2.415	99.4
309	3/26/2012 20:01:19	11.11	41.884	26.8	9.19	8.00	8.4	2.382	99
310	3/26/2012 20:16:19	11.1	41.906	26.81	9.16	8.04	7.9	2.361	98.7
311	3/26/2012 20:31:19	11.09	42.153	26.99	9.11	7.99	7.6	2.361	98.2
312	3/26/2012 20:46:19	11	41.962	26.85	9.21	8.00	9.7	2.354	99
313	3/26/2012 21:01:19	11.02	42.237	27.04	9.22	8.00	9	2.376	99.3
314	3/26/2012 21:16:19	10.99	42.272	27.07	9.26	8.01	8.4	2.388	99.7
315	3/26/2012 21:31:19	11	42.338	27.11	9.29	8.01	8.5	2.427	100
316	3/26/2012 21:46:19	10.98	42.447	27.19	9.28	8.01	8.2	2.467	100
317	3/26/2012 22:01:19	11	42.43	27.18	9.29	8.01	9.1	2.51	100

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	3/26/2012 22:16:19	10.93	42.719	27.38	9.28	8.01	7.9	2.555	99.9
319	3/26/2012 22:31:19	10.88	42.973	27.56	9.28	8.01	8	2.617	99.9
320	3/26/2012 22:46:19	10.84	43.245	27.75	9.27	8.05	8.7	2.681	99.9
321	3/26/2012 23:01:19	10.83	43.076	27.63	9.28	8.05	9.7	2.735	99.9
322	3/26/2012 23:16:19	10.86	42.808	27.44	9.27	8.05	11.4	2.8	99.8
323	3/26/2012 23:31:19	10.83	43.142	27.68	9.26	8.01	9.8	2.868	99.7
324	3/26/2012 23:46:19	10.8	43.364	27.83	9.28	8.05	9.8	2.941	99.9
325	3/27/2012 0:01:19	10.75	43.686	28.06	9.28	8.05	9.1	3.019	100
326	3/27/2012 0:16:19	10.7	43.897	28.21	9.27	8.05	8.6	3.082	99.9
327	3/27/2012 0:31:19	10.64	44.081	28.33	9.26	8.02	8.5	3.153	99.7
328	3/27/2012 0:46:19	10.54	44.736	28.8	9.22	8.02	7.7	3.236	99.4
329	3/27/2012 1:01:19	10.44	45.325	29.21	9.2	8.02	7.7	3.309	99.2
330	3/27/2012 1:16:19	10.38	45.873	29.6	9.16	8.02	7.3	3.375	98.8
331	3/27/2012 1:31:19	10.32	46.426	29.99	9.11	8.02	7.3	3.44	98.5
332	3/27/2012 1:46:19	10.28	46.78	30.24	9.08	8.02	7.7	3.507	98.2
333	3/27/2012 2:01:19	10.25	47.012	30.41	9.05	8.02	7.8	3.551	97.9
334	3/27/2012 2:16:19	10.21	47.22	30.55	9.04	8.06	7.7	3.617	97.8
335	3/27/2012 2:31:19	10.15	47.497	30.75	9.03	8.06	6.8	3.657	97.7
336	3/27/2012 2:46:19	10.12	47.619	30.83	9.01	8.07	6.7	3.673	97.5
337	3/27/2012 3:01:19	10.09	47.026	30.41	9.05	8.07	7.2	3.7	97.5
338	3/27/2012 3:16:19	10.08	46.946	30.35	8.87	8.06	6.7	3.691	95.5
339	3/27/2012 3:31:19	10.09	47.682	30.88	8.94	8.03	6.5	3.649	96.6
340	3/27/2012 3:46:19	10.14	46.941	30.35	9.08	8.03	7.8	3.643	98
341	3/27/2012 4:01:19	10.13	46.869	30.3	9.13	8.03	8.1	3.583	98.4
342	3/27/2012 4:16:19	10.2	46.331	29.91	9.1	8.02	10.8	3.502	98
343	3/27/2012 4:31:19	10.14	47.234	30.56	9.05	8.02	11.4	3.436	97.8
344	3/27/2012 4:46:19	10.2	46.831	30.27	9.06	8.02	10.3	3.362	97.8
345	3/27/2012 5:01:19	10.18	46.799	30.25	9.05	8.02	12	3.281	97.7
346	3/27/2012 5:16:19	10.37	44.96	28.95	9.15	8.02	15.1	3.172	98.3
347	3/27/2012 5:31:19	10.42	44.044	28.3	9.19	8.01	19.4	3.095	98.4
348	3/27/2012 5:46:19	10.42	43.193	27.69	9.23	8.01	21.9	3.002	98.5
349	3/27/2012 6:01:19	10.39	42.385	27.12	9.28	8.01	19.4	2.893	98.6
350	3/27/2012 6:16:19	10.36	41.726	26.65	9.3	8.00	18.7	2.79	98.5
351	3/27/2012 6:31:19	10.37	42.44	27.16	9.26	8.04	20.6	2.697	98.4
352	3/27/2012 6:46:19	10.37	42.443	27.16	9.25	8.00	19	2.609	98.3
353	3/27/2012 7:01:19	10.34	42.995	27.55	9.21	8.00	22.4	2.478	98
354	3/27/2012 7:16:19	10.33	43.003	27.55	9.19	8.03	23	2.402	97.8
355	3/27/2012 7:31:19	10.28	43.099	27.62	9.17	8.02	25.3	2.312	97.5
356	3/27/2012 7:46:19	10.25	43.07	27.6	9.17	7.99	24.9	2.201	97.4
357	3/27/2012 8:01:19	10.28	42.726	27.36	9.19	7.99	19.4	2.124	97.5
358	3/27/2012 8:16:19	10.29	42.463	27.17	9.19	8.02	17.7	2.028	97.4
359	3/27/2012 8:31:19	10.27	42.277	27.04	9.18	8.02	16.4	1.941	97.3
360	3/27/2012 8:46:19	10.3	42.138	26.94	9.18	7.99	16.2	1.877	97.2
361	3/27/2012 9:01:19	10.35	41.939	26.8	9.2	8.02	13.7	1.834	97.5
362	3/27/2012 9:16:19	10.37	41.77	26.68	9.21	8.02	12.6	1.771	97.6
363	3/27/2012 9:31:19	10.4	42.04	26.88	9.05	8.02	10.2	1.767	96
364	3/27/2012 9:46:19	10.38	41.772	26.69	9.17	8.02	10.7	1.77	97.1
365	3/27/2012 10:01:19	10.38	41.924	26.79	9.21	7.99	10.8	1.786	97.6
366	3/27/2012 10:16:19	10.4	42.331	27.08	9.14	7.99	10.4	1.814	97.2
367	3/27/2012 10:31:19	10.41	42.431	27.15	9.16	8.02	9.8	1.862	97.4
368	3/27/2012 10:46:19	10.37	41.899	26.78	9.16	7.99	10.8	1.924	97.1
369	3/27/2012 11:01:19	10.36	41.812	26.71	9.17	7.99	10.5	1.974	97.1
370	3/27/2012 11:16:19	10.34	41.381	26.41	9.2	7.99	10.4	2.035	97.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	3/27/2012 11:31:19	10.34	41.528	26.51	9.18	7.99	10.4	2.118	97.1
372	3/27/2012 11:46:19	10.37	42.033	26.87	9.16	7.99	10.3	2.181	97.1
373	3/27/2012 12:01:19	10.38	42.193	26.98	9.13	7.99	9.8	2.235	96.9
374	3/27/2012 12:16:19	10.38	41.894	26.77	9.15	7.99	9.4	2.313	97
375	3/27/2012 12:31:19	10.42	41.847	26.74	9.2	8.00	11.2	2.389	97.6
376	3/27/2012 12:46:19	10.46	41.632	26.59	9.26	8.04	14.3	2.426	98.2
377	3/27/2012 13:01:19	10.47	41.695	26.64	9.28	8.04	14.1	2.504	98.5
378	3/27/2012 13:16:19	10.47	41.931	26.8	9.28	8.01	13.8	2.57	98.6
379	3/27/2012 13:31:19	10.47	42.174	26.97	9.28	8.04	11.8	2.635	98.6
380	3/27/2012 13:46:19	10.48	42.096	26.92	9.27	8.01	11.9	2.705	98.6
381	3/27/2012 14:01:19	10.46	42.273	27.04	9.25	8.04	10.8	2.756	98.5
382	3/27/2012 14:16:19	10.45	42.526	27.22	9.23	8.03	10.9	2.822	98.2
383	3/27/2012 14:31:19	10.43	42.945	27.52	9.2	8.03	10.4	2.883	98.1
384	3/27/2012 14:46:19	10.41	43.396	27.84	9.13	8.01	10	2.956	97.5
385	3/27/2012 15:01:19	10.36	44.003	28.26	9.07	8.01	9.9	3.018	97.1
386	3/27/2012 15:16:19	10.31	44.277	28.46	9.05	8.04	9.6	3.072	96.8
387	3/27/2012 15:31:19	10.3	44.337	28.5	9.06	8.04	9.2	3.123	96.9
388	3/27/2012 15:46:19	10.29	44.327	28.49	9.08	8.01	9.2	3.19	97.1
389	3/27/2012 16:01:19	10.29	44.394	28.54	9.04	8.01	8.9	3.206	96.7
390	3/27/2012 16:16:19	10.28	44.697	28.75	8.97	8.03	7.4	3.225	96.1
391	3/27/2012 16:31:19	10.35	44.135	28.36	8.98	8.00	7.2	3.256	96.1
392	3/27/2012 16:46:19	10.27	44.842	28.86	8.97	8.00	7.9	3.26	96.2
393	3/27/2012 17:01:19	10.28	44.778	28.81	8.91	8.00	6.7	3.221	95.4
394	3/27/2012 17:16:19	10.35	44.17	28.38	9.06	8.04	8	3.217	97
395	3/27/2012 17:31:19	10.47	43.475	27.9	9.24	8.05	8.4	3.158	98.8
396	3/27/2012 17:46:19	10.47	43.448	27.88	9.22	8.02	8.4	3.12	98.7
397	3/27/2012 18:01:19	10.48	43.272	27.75	9.24	8.02	8.7	3.041	98.7
398	3/27/2012 18:16:19	10.41	43.666	28.03	9.12	8.04	12.5	3.002	97.6
399	3/27/2012 18:31:19	10.47	43	27.56	9.18	8.01	10.6	2.927	98
400	3/27/2012 18:46:19	10.52	42.683	27.34	9.25	8.05	8.9	2.87	98.7
401	3/27/2012 19:01:19	10.52	42.588	27.27	9.23	8.04	8.9	2.822	98.5
402	3/27/2012 19:16:19	10.5	42.655	27.32	9.21	8.01	8.7	2.772	98.2
403	3/27/2012 19:31:19	10.54	42.321	27.08	9.22	8.01	8.4	2.745	98.3
404	3/27/2012 19:46:19	10.57	42.046	26.89	9.16	8.00	8.4	2.703	97.5
405	3/27/2012 20:01:19	10.55	42.037	26.88	9.1	8.00	8.4	2.678	96.9
406	3/27/2012 20:16:19	10.53	42.081	26.91	9.07	7.99	8.2	2.67	96.5
407	3/27/2012 20:31:19	10.54	42.13	26.95	9	7.99	7.2	2.65	95.8
408	3/27/2012 20:46:19	10.53	42.119	26.94	8.94	7.98	7.2	2.622	95.2
409	3/27/2012 21:01:19	10.53	42.243	27.03	8.96	7.99	6.8	2.604	95.5
410	3/27/2012 21:16:19	10.5	41.888	26.77	9.16	8.00	9	2.63	97.4
411	3/27/2012 21:31:19	10.52	42.132	26.95	9.06	7.99	7.4	2.66	96.5
412	3/27/2012 21:46:19	10.51	42.2	27	9.09	7.99	7.2	2.617	96.8
413	3/27/2012 22:01:19	10.51	42.397	27.13	9.09	8.02	7.6	2.675	96.8
414	3/27/2012 22:16:19	10.5	42.085	26.91	9.19	8.00	7.6	2.691	97.8
415	3/27/2012 22:31:19	10.5	42.406	27.14	9.12	7.99	7.5	2.689	97.2
416	3/27/2012 22:46:19	10.5	42.469	27.18	9.11	8.00	7.5	2.724	97
417	3/27/2012 23:01:19	10.5	42.489	27.2	9.09	7.99	7.9	2.775	96.9
418	3/27/2012 23:16:19	10.47	42.788	27.41	9.06	8.00	9.2	2.834	96.7
419	3/27/2012 23:31:19	10.46	42.927	27.51	9.12	8.00	10.3	2.887	97.3
420	3/27/2012 23:46:19	10.41	42.908	27.49	9.13	8.03	8.1	2.931	97.3
421	3/28/2012 0:01:19	10.35	42.817	27.42	9.19	8.01	9.9	2.991	97.8
422	3/28/2012 0:16:19	10.35	42.772	27.39	9.23	8.01	10.3	3.07	98.1
423	3/28/2012 0:31:19	10.33	43.16	27.67	9.17	8.01	8.4	3.127	97.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	3/28/2012 0:46:19	10.32	43.719	28.06	9.14	8.01	7.7	3.207	97.6
425	3/28/2012 1:01:19	10.28	44.19	28.39	9.09	8.01	7.2	3.26	97.2
426	3/28/2012 1:16:19	10.28	44.65	28.72	9.06	8.01	6.9	3.331	97
427	3/28/2012 1:31:19	10.25	44.96	28.94	9.07	8.04	7	3.394	97.2
428	3/28/2012 1:46:19	10.2	45.425	29.27	9.04	8.01	6.5	3.454	97
429	3/28/2012 2:01:19	10.18	45.497	29.32	9.05	8.01	6.7	3.491	97
430	3/28/2012 2:16:19	10.16	45.761	29.5	8.97	8.04	5.9	3.562	96.3
431	3/28/2012 2:31:19	10.11	46.142	29.77	9.01	8.01	6.1	3.594	96.7
432	3/28/2012 2:46:19	10.14	45.705	29.46	8.98	8.04	5.9	3.614	96.3
433	3/28/2012 3:01:19	10.1	46.345	29.92	8.86	8.04	5.4	3.658	95.2
434	3/28/2012 3:16:19	10.08	46.436	29.98	8.81	8.04	5	3.666	94.7
435	3/28/2012 3:31:19	10.11	46.255	29.86	8.9	8.01	6.1	3.643	95.7
436	3/28/2012 3:46:19	10.15	45.777	29.52	8.97	8.04	6.1	3.65	96.3
437	3/28/2012 4:01:19	10.12	46.058	29.71	8.88	8.04	6	3.622	95.4
438	3/28/2012 4:16:19	10.14	45.839	29.56	8.92	8.04	7.2	3.579	95.7
439	3/28/2012 4:31:19	10.18	45.43	29.27	8.97	8.04	7.5	3.53	96.2
440	3/28/2012 4:46:19	10.2	45.176	29.09	8.99	8.04	7.3	3.47	96.4
441	3/28/2012 5:01:19	10.19	44.823	28.84	9.02	8.01	7.8	3.409	96.5
442	3/28/2012 5:16:19	10.08	42.728	27.35	9.1	8.03	9.9	3.336	96.2
443	3/28/2012 5:31:19	10.01	41.386	26.4	9.18	7.99	10.5	3.26	96.3
444	3/28/2012 5:46:19	10.05	42.19	26.96	9.15	7.99	7.9	3.192	96.4
445	3/28/2012 6:01:19	10.14	42.799	27.4	9.11	8.00	8.5	3.104	96.5
446	3/28/2012 6:16:19	10.09	42.522	27.2	9.12	7.99	7.9	3.015	96.4
447	3/28/2012 6:31:19	10.08	42.472	27.17	9.14	8.00	7.6	2.955	96.5
448	3/28/2012 6:46:19	10.09	42.455	27.15	9.13	7.99	7.4	2.878	96.4
449	3/28/2012 7:01:19	10.05	42.494	27.18	9.13	8.02	7.5	2.77	96.3
450	3/28/2012 7:16:19	10.03	42.268	27.02	9.13	7.99	7.7	2.698	96.2
451	3/28/2012 7:31:19	10.05	42.134	26.93	9.12	8.01	7.6	2.615	96.1
452	3/28/2012 7:46:19	10.03	42.225	26.99	9.12	8.01	7.5	2.506	96
453	3/28/2012 8:01:19	10.05	42.078	26.89	9.1	7.99	7.8	2.418	95.9
454	3/28/2012 8:16:19	10.03	42.059	26.87	9.11	8.01	8	2.339	95.9
455	3/28/2012 8:31:19	10.05	42.005	26.83	9.15	8.01	8.3	2.225	96.3
456	3/28/2012 8:46:19	10.14	41.778	26.68	9.19	7.99	8.2	2.148	96.9
457	3/28/2012 9:01:19	10.21	41.658	26.6	9.19	7.99	8	2.068	97
458	3/28/2012 9:16:19	10.26	41.581	26.55	9.29	7.99	7.9	1.962	98
459	3/28/2012 9:31:19	10.32	41.529	26.51	9.26	7.99	7.9	1.936	97.9
460	3/28/2012 9:46:19	10.36	41.463	26.47	9.24	8.01	7.5	1.862	97.7
461	3/28/2012 10:01:19	10.4	41.421	26.44	9.2	8.01	7.4	1.856	97.4
462	3/28/2012 10:16:19	10.45	41.354	26.4	9.14	7.98	7.4	1.841	96.8
463	3/28/2012 10:31:19	10.51	41.445	26.46	9.16	7.98	7.1	1.822	97.2
464	3/28/2012 10:46:19	10.58	41.434	26.46	9.21	8.01	7.1	1.851	97.8
465	3/28/2012 11:01:19	10.55	41.508	26.51	9.15	8.01	6.8	1.877	97.2
466	3/28/2012 11:16:19	10.44	41.491	26.49	9.08	8.00	6.9	1.933	96.2
467	3/28/2012 11:31:19	10.39	41.486	26.49	9.05	7.97	7.2	1.972	95.7
468	3/28/2012 11:46:19	10.32	41.303	26.35	9.04	7.97	7.6	2.028	95.4
469	3/28/2012 12:01:19	10.25	41.049	26.17	9.04	7.97	8.9	2.088	95.2
470	3/28/2012 12:16:19	10.22	41.144	26.24	9.01	7.97	8.1	2.146	94.9
471	3/28/2012 12:31:19	10.23	41.176	26.26	8.99	7.97	7.7	2.202	94.7
472	3/28/2012 12:46:19	10.23	41.236	26.3	8.97	7.98	7.5	2.269	94.5
473	3/28/2012 13:01:19	10.22	40.926	26.08	8.99	7.97	8.5	2.333	94.5
474	3/28/2012 13:16:19	10.26	41.131	26.23	9.02	7.99	9.8	2.383	95
475	3/28/2012 13:31:19	10.29	41.193	26.27	9.03	7.97	8.9	2.426	95.2
476	3/28/2012 13:46:19	10.34	41.27	26.33	9.02	7.99	8.8	2.508	95.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	3/28/2012 14:01:19	10.52	41.078	26.2	9.16	8.00	9.9	2.579	97
478	3/28/2012 14:16:19	10.51	41.213	26.3	9.1	7.97	9	2.625	96.5
479	3/28/2012 14:31:19	10.32	42.024	26.86	9.03	7.99	8.4	2.685	95.7
480	3/28/2012 14:46:19	10.39	41.753	26.67	9.03	7.98	9.2	2.762	95.6
481	3/28/2012 15:01:19	10.5	41.264	26.33	9.13	7.98	11.3	2.803	96.8
482	3/28/2012 15:16:19	10.49	41.574	26.55	9.12	7.98	10.5	2.854	96.7
483	3/28/2012 15:31:19	10.51	42.016	26.86	9.16	8.01	9.4	2.92	97.4
484	3/28/2012 15:46:19	10.49	42.321	27.08	9.14	8.01	8.4	2.976	97.3
485	3/28/2012 16:01:19	10.52	42.388	27.13	9.17	7.99	7.9	3.017	97.7
486	3/28/2012 16:16:19	10.49	42.495	27.2	9.15	7.99	7.5	3.064	97.5
487	3/28/2012 16:31:19	10.48	42.719	27.36	9.13	7.99	7.7	3.102	97.4
488	3/28/2012 16:46:19	10.48	42.761	27.39	9.11	7.99	7.2	3.122	97.1
489	3/28/2012 17:01:19	10.4	43.043	27.59	8.95	8.00	5.9	3.159	95.4
490	3/28/2012 17:16:19	10.26	43.189	27.68	8.95	7.99	6.5	3.168	95.2
491	3/28/2012 17:31:19	10.25	43.218	27.7	8.84	8.00	6	3.168	94
492	3/28/2012 17:46:19	10.26	43.058	27.59	8.87	7.98	6.4	3.149	94.3
493	3/28/2012 18:01:19	10.32	42.922	27.5	8.95	8.01	6.8	3.139	95.2
494	3/28/2012 18:16:19	10.66	42.153	26.97	9.24	8.03	7.8	3.119	98.7
495	3/28/2012 18:31:19	10.61	42.07	26.91	9.31	8.03	7.3	3.075	99.3
496	3/28/2012 18:46:19	10.38	42.55	27.24	9.01	8.01	7.6	3.013	95.7
497	3/28/2012 19:01:19	10.46	42.283	27.05	9.07	8.01	7.9	2.979	96.5
498	3/28/2012 19:16:19	10.54	41.858	26.75	9.09	7.98	8.5	2.939	96.7
499	3/28/2012 19:31:19	10.46	41.442	26.46	9.07	8.00	8.1	2.872	96.2
500	3/28/2012 19:46:19	10.49	41.519	26.51	9.04	8.00	7.8	2.834	95.9
501	3/28/2012 20:01:19	10.57	41.251	26.33	9.07	8.00	7.4	2.803	96.3
502	3/28/2012 20:16:19	10.59	41.124	26.24	9.07	7.98	7.6	2.765	96.2
503	3/28/2012 20:31:19	10.59	40.977	26.14	9.1	8.00	7	2.728	96.6
504	3/28/2012 20:46:19	10.58	40.986	26.14	9.08	7.97	7	2.698	96.2
505	3/28/2012 21:01:19	10.57	41.038	26.18	8.99	7.97	5.6	2.676	95.4
506	3/28/2012 21:16:19	10.55	41.243	26.32	8.93	7.99	6.7	2.675	94.7
507	3/28/2012 21:31:19	10.63	40.972	26.13	8.98	7.97	6.8	2.661	95.3
508	3/28/2012 21:46:19	10.64	40.911	26.09	9.07	7.97	7.5	2.662	96.3
509	3/28/2012 22:01:19	10.64	40.781	26	9.13	8.00	6.8	2.678	96.9
510	3/28/2012 22:16:19	10.58	41.028	26.17	9.05	7.97	7.1	2.691	96
511	3/28/2012 22:31:19	10.54	41.282	26.35	9.01	7.97	7.3	2.689	95.6
512	3/28/2012 22:46:19	10.57	41.093	26.22	9.08	7.99	6.8	2.722	96.3
513	3/28/2012 23:01:19	10.52	41.385	26.42	8.96	7.98	6.4	2.759	95.1
514	3/28/2012 23:16:19	10.49	41.533	26.52	9	7.97	7	2.789	95.4
515	3/28/2012 23:31:19	10.44	41.965	26.83	8.95	7.97	7.2	2.796	95
516	3/28/2012 23:46:19	10.4	42.28	27.05	8.93	7.97	6.5	2.82	94.9
517	3/29/2012 0:01:19	10.4	42.48	27.19	8.99	8.00	6.7	2.871	95.6
518	3/29/2012 0:16:19	10.42	42.289	27.05	9.02	8.00	7.3	2.917	95.9
519	3/29/2012 0:31:19	10.44	42.198	26.99	9.04	7.98	6.7	2.965	96.1
520	3/29/2012 0:46:19	10.44	42.244	27.02	9.12	7.99	7.8	3.018	96.9
521	3/29/2012 1:01:19	10.41	42.392	27.13	9.1	8.01	6.8	3.045	96.8
522	3/29/2012 1:16:19	10.39	42.332	27.08	9.14	7.99	7.2	3.105	97.1
523	3/29/2012 1:31:19	10.37	42.479	27.19	9.16	8.01	7.5	3.161	97.3
524	3/29/2012 1:46:19	10.3	43.528	27.92	9.13	8.01	7.3	3.222	97.4
525	3/29/2012 2:01:19	10.27	43.711	28.05	9.15	8.01	7.5	3.267	97.5
526	3/29/2012 2:16:19	10.25	43.899	28.18	9.15	8.01	7.5	3.314	97.5
527	3/29/2012 2:31:19	10.21	44.371	28.52	9.17	8.02	7.6	3.369	97.9
528	3/29/2012 2:46:19	10.18	44.654	28.72	9.17	8.02	8	3.436	98
529	3/29/2012 3:01:19	10.17	44.654	28.72	9.16	8.02	7.5	3.462	97.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
530	3/29/2012 3:16:19	10.14	44.95	28.93	9.15	7.99	7.5	3.519	97.8
531	3/29/2012 3:31:19	10.13	45.041	28.99	9.15	7.99	8.1	3.53	97.9
532	3/29/2012 3:46:19	10.14	44.912	28.9	9.13	8.02	7.5	3.559	97.6
533	3/29/2012 4:01:19	10.17	44.296	28.46	9.12	8.02	7.4	3.56	97.3
534	3/29/2012 4:16:19	10.17	44.172	28.37	8.99	8.02	6.3	3.557	95.9
535	3/29/2012 4:31:19	10.14	44.986	28.95	8.97	7.99	6.3	3.577	95.9
536	3/29/2012 4:46:19	10.17	44.575	28.66	8.98	8.02	6.1	3.521	95.9
537	3/29/2012 5:01:19	10.16	44.623	28.69	9.05	7.99	6.7	3.501	96.6
538	3/29/2012 5:16:19	10.13	41.713	26.63	9.26	7.98	9	3.478	97.5
539	3/29/2012 5:31:19	10.16	42.688	27.32	9.15	8.01	8.1	3.4	96.9
540	3/29/2012 5:46:19	10.19	43.332	27.78	9.09	8.01	8	3.339	96.5
541	3/29/2012 6:01:19	10.21	43.085	27.61	9.07	8.01	9.1	3.279	96.3
542	3/29/2012 6:16:19	10.19	41.963	26.81	9.19	8.00	9.8	3.205	97.1
543	3/29/2012 6:31:19	10.22	42.183	26.97	9.17	8.00	11.2	3.133	97
544	3/29/2012 6:46:19	10.21	42.149	26.94	9.19	7.98	11	3.056	97.2
545	3/29/2012 7:01:19	10.23	41.87	26.75	9.19	8.00	10.8	2.987	97.1
546	3/29/2012 7:16:19	10.26	41.486	26.48	9.22	7.97	10.3	2.909	97.3
547	3/29/2012 7:31:19	10.25	41.646	26.59	9.18	7.99	10.1	2.826	96.9
548	3/29/2012 7:46:19	10.25	41.254	26.32	9.17	7.98	10.7	2.75	96.6
549	3/29/2012 8:01:19	10.26	40.931	26.09	9.18	7.98	10.5	2.665	96.7
550	3/29/2012 8:16:19	10.29	40.864	26.04	9.17	7.98	9.1	2.587	96.6
551	3/29/2012 8:31:19	10.33	40.514	25.8	9.18	7.97	9	2.503	96.7
552	3/29/2012 8:46:19	10.34	40.488	25.78	9.21	7.97	9.2	2.422	96.9
553	3/29/2012 9:01:19	10.34	40.914	26.08	9.21	7.97	8.7	2.342	97.1
554	3/29/2012 9:16:19	10.38	40.668	25.91	9.24	7.97	9.2	2.254	97.4
555	3/29/2012 9:31:19	10.42	40.528	25.81	9.28	7.98	9	2.17	97.8
556	3/29/2012 9:46:19	10.46	40.269	25.63	9.29	7.85	8.3	2.119	97.9
557	3/29/2012 10:01:19	10.48	40.064	25.49	9.27	7.97	8.2	2.049	97.7
558	3/29/2012 10:16:19	10.5	39.83	25.33	9.25	7.96	8.1	1.995	97.4
559	3/29/2012 10:31:19	10.52	39.736	25.26	9.25	7.97	8.1	1.955	97.4
560	3/29/2012 10:46:19	10.52	39.693	25.23	9.27	7.97	7.4	1.938	97.6
561	3/29/2012 11:01:19	10.49	40.033	25.47	9.05	7.95	6.8	1.942	95.4
562	3/29/2012 11:16:19	10.53	39.656	25.21	9.19	7.96	8.1	1.908	96.7
563	3/29/2012 11:31:19	10.53	39.686	25.23	9.2	7.96	7.6	1.933	96.8
564	3/29/2012 11:46:19	10.53	39.735	25.26	9.24	7.97	7.3	1.952	97.4
565	3/29/2012 12:01:19	10.48	40.039	25.47	9.15	7.96	6.7	1.964	96.4
566	3/29/2012 12:16:19	10.47	40.083	25.5	9.15	7.95	7.2	1.986	96.4
567	3/29/2012 12:31:19	10.44	40.201	25.58	9.12	7.96	7.5	2.035	96.1
568	3/29/2012 12:46:19	10.42	40.401	25.72	9.05	7.96	6.8	2.076	95.4
569	3/29/2012 13:01:19	10.41	40.259	25.62	9.07	7.95	7.5	2.12	95.6
570	3/29/2012 13:16:19	10.38	40.105	25.51	9.1	7.95	8	2.168	95.6
571	3/29/2012 13:31:19	10.37	40.186	25.57	9.09	7.95	8.3	2.23	95.6
572	3/29/2012 13:46:19	10.36	40.131	25.53	9.11	7.96	7.7	2.269	95.8
573	3/29/2012 14:01:19	10.35	40.197	25.58	9.13	7.96	8.2	2.334	95.9
574	3/29/2012 14:16:19	10.37	40.216	25.59	9.13	7.95	7.6	2.391	96
575	3/29/2012 14:31:19	10.39	40.274	25.63	9.16	7.97	8.4	2.456	96.5
576	3/29/2012 14:46:19	10.41	40.327	25.67	9.17	7.97	8.5	2.511	96.6
577	3/29/2012 15:01:19	10.42	40.721	25.95	9.13	7.97	8.1	2.567	96.4
578	3/29/2012 15:16:19	10.41	40.992	26.14	9.12	7.98	8.1	2.624	96.4
579	3/29/2012 15:31:19	10.39	41.146	26.25	9.12	7.98	8.2	2.682	96.3
580	3/29/2012 15:46:19	10.38	41.15	26.25	9.12	7.97	8	2.74	96.4
581	3/29/2012 16:01:19	10.35	41.528	26.51	9.1	7.97	7.5	2.784	96.2
582	3/29/2012 16:16:19	10.35	41.52	26.51	9.11	7.98	7.5	2.851	96.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	3/29/2012 16:31:19	10.31	42.137	26.94	9.09	7.98	7.3	2.902	96.3
584	3/29/2012 16:46:19	10.3	42.156	26.95	9.09	7.99	7.3	2.951	96.3
585	3/29/2012 17:01:19	10.28	42.502	27.2	9.05	7.99	6.6	2.991	96
586	3/29/2012 17:16:19	10.28	42.504	27.2	9.06	7.98	6.8	3.021	96.1
587	3/29/2012 17:31:19	10.27	42.526	27.21	9.04	7.98	7.2	3.068	95.9
588	3/29/2012 17:46:19	10.27	42.719	27.35	9	7.99	6.1	3.087	95.5
589	3/29/2012 18:01:19	10.45	40.855	26.04	9.2	7.99	8.3	3.109	97.2
590	3/29/2012 18:16:19	10.3	42.398	27.12	9.02	7.99	6.3	3.14	95.7
591	3/29/2012 18:31:19	10.3	42.368	27.1	8.94	7.99	5.9	3.133	94.9
592	3/29/2012 18:46:19	10.28	42.587	27.26	8.86	7.98	6.1	3.112	94
593	3/29/2012 19:01:19	10.29	42.495	27.19	8.9	7.98	5.5	3.121	94.4
594	3/29/2012 19:16:19	10.51	40.534	25.82	9.29	8.00	9	3.098	98.1
595	3/29/2012 19:31:19	10.56	39.939	25.41	9.3	7.99	10.8	3.068	98.1
596	3/29/2012 19:46:19	10.34	41.76	26.68	9.07	7.97	7	3.04	96.1
597	3/29/2012 20:01:19	10.34	41.811	26.71	9.04	7.97	8	2.997	95.7
598	3/29/2012 20:16:19	10.32	41.897	26.77	8.97	7.96	7.5	2.962	95
599	3/29/2012 20:31:19	10.35	41.605	26.57	9.04	7.98	8.6	2.925	95.7
600	3/29/2012 20:46:19	10.39	41.277	26.34	9.04	7.98	7.9	2.905	95.6
601	3/29/2012 21:01:19	10.39	41.203	26.29	9.01	7.98	7.6	2.86	95.3
602	3/29/2012 21:16:19	10.39	41.263	26.33	9.02	7.96	7.3	2.834	95.3
603	3/29/2012 21:31:19	10.41	41.141	26.24	8.98	7.97	7.1	2.817	95
604	3/29/2012 21:46:19	10.48	40.569	25.84	9.11	7.98	7.3	2.799	96.2
605	3/29/2012 22:01:19	10.43	40.912	26.08	8.97	7.97	6.5	2.779	94.8
606	3/29/2012 22:16:19	10.47	40.601	25.87	9	7.97	6.2	2.767	95
607	3/29/2012 22:31:19	10.48	40.56	25.84	8.95	7.96	6.6	2.768	94.5
608	3/29/2012 22:46:19	10.49	40.448	25.76	9.16	7.97	7.1	2.752	96.7
609	3/29/2012 23:01:19	10.5	40.379	25.71	9.13	7.96	6.7	2.75	96.3
610	3/29/2012 23:16:19	10.49	40.421	25.74	8.99	7.95	7	2.75	94.9
611	3/29/2012 23:31:19	10.47	40.61	25.87	9.03	7.97	6.4	2.782	95.4
612	3/29/2012 23:46:19	10.48	40.537	25.82	9.05	7.96	6.5	2.783	95.6
613	3/30/2012 0:01:19	10.48	40.492	25.79	9.13	7.97	6.8	2.804	96.4
614	3/30/2012 0:16:19	10.45	40.764	25.98	9.04	7.97	6.6	2.827	95.5
615	3/30/2012 0:31:19	10.41	40.985	26.13	8.99	7.97	6.5	2.868	94.9
616	3/30/2012 0:46:19	10.34	41.782	26.69	8.97	7.96	6.6	2.873	95
617	3/30/2012 1:01:19	10.33	41.901	26.78	8.97	7.96	6.7	2.925	95
618	3/30/2012 1:16:19	10.33	41.951	26.81	9.01	7.97	6.7	2.956	95.5
619	3/30/2012 1:31:19	10.35	41.709	26.64	9.03	7.98	7.3	2.996	95.6
620	3/30/2012 1:46:19	10.31	42.121	26.93	9.03	7.97	7	3.039	95.7
621	3/30/2012 2:01:19	10.29	42.366	27.1	9.05	7.97	7.1	3.087	96
622	3/30/2012 2:16:19	10.31	42.213	26.99	9.1	7.97	6.7	3.133	96.4
623	3/30/2012 2:31:19	10.27	42.667	27.31	9.11	7.99	6.8	3.201	96.7
624	3/30/2012 2:46:19	10.28	42.625	27.28	9.11	7.99	7.2	3.238	96.7
625	3/30/2012 3:01:19	10.23	43.238	27.71	9.11	8.00	6.7	3.268	96.9
626	3/30/2012 3:16:19	10.2	43.563	27.94	9.14	7.99	6.7	3.343	97.3
627	3/30/2012 3:31:19	10.21	43.437	27.85	9.18	8.01	6.9	3.391	97.6
628	3/30/2012 3:46:19	10.18	43.866	28.16	9.11	8.01	6.2	3.415	97
629	3/30/2012 4:01:19	10.17	43.932	28.2	9.12	8.01	6.2	3.448	97.1
630	3/30/2012 4:16:19	10.22	43.284	27.75	9.08	8.00	6.2	3.485	96.5
631	3/30/2012 4:31:19	10.21	43.333	27.78	9.02	8.00	5.8	3.498	95.9
632	3/30/2012 4:46:19	10.2	43.482	27.89	8.9	7.99	5.1	3.509	94.6
633	3/30/2012 5:01:19	10.23	43.162	27.66	8.99	7.98	5.7	3.53	95.5
634	3/30/2012 5:16:19	10.17	44.061	28.3	8.95	8.00	5.6	3.509	95.4
635	3/30/2012 5:31:19	10.16	44.067	28.3	9	8.01	5.9	3.492	95.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	3/30/2012 5:46:19	10.18	43.871	28.16	9.04	8.00	6.3	3.474	96.3
637	3/30/2012 6:01:19	10.2	43.649	28	9.07	8.01	7.1	3.443	96.5
638	3/30/2012 6:16:19	10.27	42.752	27.37	9.17	8.01	6.5	3.399	97.3
639	3/30/2012 6:31:19	10.23	43.279	27.74	9.15	8.01	7.3	3.333	97.2
640	3/30/2012 6:46:19	10.29	42.558	27.24	9.13	8.00	8	3.268	96.8
641	3/30/2012 7:01:19	10.31	42.214	27	9.02	7.99	9.5	3.222	95.6
642	3/30/2012 7:16:19	10.37	41.673	26.62	9.03	7.98	8.7	3.152	95.6
643	3/30/2012 7:31:19	10.41	41.305	26.36	9.06	7.98	8.9	3.118	95.8
644	3/30/2012 7:46:19	10.47	40.745	25.97	9.08	7.96	9.6	3.033	96
645	3/30/2012 8:01:19	10.48	40.683	25.92	9.08	7.98	9.8	2.965	96
646	3/30/2012 8:16:19	10.5	40.533	25.82	9.07	7.97	9.4	2.871	95.9
647	3/30/2012 8:31:19	10.54	39.911	25.39	9.08	7.97	9.3	2.841	95.7
648	3/30/2012 8:46:19	10.54	40.026	25.47	9.09	7.96	9.4	2.765	95.9
649	3/30/2012 9:01:19	10.56	39.734	25.26	9.09	7.96	8.8	2.7	95.9
650	3/30/2012 9:16:19	10.57	39.643	25.2	9.07	7.96	9	2.604	95.5
651	3/30/2012 9:31:19	10.59	39.478	25.08	9.08	7.95	8.7	2.526	95.7
652	3/30/2012 9:46:19	10.6	39.356	25	9.08	7.95	8.6	2.464	95.7
653	3/30/2012 10:01:19	10.63	39.172	24.87	9.11	7.94	8.7	2.389	96
654	3/30/2012 10:16:19	10.61	39.541	25.13	9.06	7.95	8.3	2.333	95.6
655	3/30/2012 10:31:19	10.66	39.106	24.83	9.1	7.95	8.4	2.248	95.9
656	3/30/2012 10:46:19	10.66	39.188	24.88	9.07	7.95	8.1	2.189	95.6
657	3/30/2012 11:01:19	10.7	38.907	24.69	9.13	7.94	8.4	2.083	96.2
658	3/30/2012 11:16:19	10.8	38.557	24.45	9.2	7.95	7.9	2.059	97
659	3/30/2012 11:31:19	10.82	38.666	24.53	9.16	7.95	7	2.011	96.6
660	3/30/2012 11:46:19	10.73	38.953	24.72	8.96	7.94	6.9	1.964	94.5
661	3/30/2012 12:01:19	10.7	39.027	24.77	8.86	7.93	6.5	1.94	93.4
662	3/30/2012 12:16:19	10.76	38.755	24.59	9.18	7.94	7.5	1.935	96.8
663	3/30/2012 12:31:19	10.75	38.625	24.49	9.13	7.94	7.8	1.93	96.2
664	3/30/2012 12:46:19	10.75	38.741	24.58	9.11	7.94	7.8	1.96	96
665	3/30/2012 13:01:19	10.91	38.312	24.28	9.21	7.95	7.4	1.952	97.2
666	3/30/2012 13:16:19	10.73	38.852	24.65	9.04	7.93	7.3	1.97	95.3
667	3/30/2012 13:31:19	10.79	38.266	24.25	9.13	7.93	10.4	2.055	96.1
668	3/30/2012 13:46:19	10.73	38.82	24.63	9.03	7.93	9.5	2.09	95.1
669	3/30/2012 14:01:19	10.69	38.962	24.73	9.02	7.93	9.4	2.148	95
670	3/30/2012 14:16:19	10.67	38.991	24.75	8.96	7.93	8.3	2.165	94.3
671	3/30/2012 14:31:19	10.7	38.333	24.29	9.05	7.92	11.6	2.23	95.1
672	3/30/2012 14:46:19	10.68	38.494	24.4	9.02	7.92	9.9	2.257	94.8
673	3/30/2012 15:01:19	10.65	38.519	24.42	9.03	7.92	11.7	2.313	94.9
674	3/30/2012 15:16:19	10.63	38.569	24.45	9.03	7.92	11.9	2.382	94.8
675	3/30/2012 15:31:19	10.62	38.15	24.16	9.07	7.92	18	2.438	95.1
676	3/30/2012 15:46:19	10.62	38.292	24.26	9.05	7.92	13.7	2.485	94.9
677	3/30/2012 16:01:19	10.6	38.599	24.47	9.04	7.93	13.7	2.538	94.9
678	3/30/2012 16:16:19	10.58	39.003	24.75	9.04	7.93	12.4	2.6	95
679	3/30/2012 16:31:19	10.6	38.899	24.68	9.08	7.93	12	2.664	95.5
680	3/30/2012 16:46:19	10.59	39.18	24.88	9.09	7.94	11.4	2.731	95.7
681	3/30/2012 17:01:19	10.64	38.76	24.58	9.12	7.94	12.1	2.792	95.9
682	3/30/2012 17:16:19	10.67	38.87	24.66	9.13	7.94	13.4	2.854	96.1
683	3/30/2012 17:31:19	10.63	39.008	24.76	9.13	7.94	12	2.899	96
684	3/30/2012 17:46:19	10.49	40.631	25.89	9.06	7.95	10.3	2.94	95.7
685	3/30/2012 18:01:19	10.49	40.648	25.9	9.04	7.96	11.2	3.014	95.5
686	3/30/2012 18:16:19	10.49	40.533	25.82	9.07	7.97	11.2	3.027	95.8
687	3/30/2012 18:31:19	10.44	41.174	26.27	9	7.97	8.7	3.071	95.2
688	3/30/2012 18:46:19	10.45	41.143	26.25	9	7.96	8	3.122	95.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	3/30/2012 19:01:19	10.42	41.451	26.46	8.92	7.96	7.3	3.148	94.5
690	3/30/2012 19:16:19	10.42	41.436	26.45	8.96	7.97	8	3.159	94.9
691	3/30/2012 19:31:19	10.42	41.389	26.42	8.97	7.97	7.8	3.17	94.9
692	3/30/2012 19:46:19	10.5	40.581	25.85	8.99	7.96	7.5	3.185	95
693	3/30/2012 20:01:19	10.44	41.258	26.33	8.94	7.96	7.2	3.16	94.7
694	3/30/2012 20:16:19	10.45	41.077	26.2	8.97	7.96	7.6	3.149	94.9
695	3/30/2012 20:31:19	10.44	41.259	26.33	8.92	7.96	7.8	3.136	94.4
696	3/30/2012 20:46:19	10.46	41.046	26.18	8.93	7.96	8.6	3.104	94.5
697	3/30/2012 21:01:19	10.5	40.482	25.78	9.08	7.96	10.1	3.07	95.9
698	3/30/2012 21:16:19	10.49	40.713	25.95	8.97	7.96	9.5	3.028	94.9
699	3/30/2012 21:31:19	10.51	40.458	25.77	8.99	7.96	10.1	2.986	95
700	3/30/2012 21:46:19	10.58	39.968	25.43	8.95	7.95	9.6	2.948	94.5
701	3/30/2012 22:01:19	10.58	39.99	25.44	8.92	7.95	8.1	2.915	94.2
702	3/30/2012 22:16:19	10.6	39.733	25.26	8.96	7.95	10.1	2.897	94.5
703	3/30/2012 22:31:19	10.67	39.127	24.84	8.97	7.93	11.2	2.853	94.5
704	3/30/2012 22:46:19	10.8	37.252	23.54	9.1	7.91	12.4	2.822	95.4
705	3/30/2012 23:01:19	10.76	37.809	23.93	9.04	7.92	12.2	2.806	94.9
706	3/30/2012 23:16:19	10.76	37.768	23.9	8.99	7.91	10	2.802	94.4
707	3/30/2012 23:31:19	10.69	38.588	24.47	9.01	7.92	9.8	2.779	94.8
708	3/30/2012 23:46:19	10.62	39.403	25.03	8.88	7.93	7.5	2.789	93.6
709	3/31/2012 0:01:19	10.72	38.25	24.23	8.99	7.92	10.3	2.767	94.4
710	3/31/2012 0:16:19	10.67	38.812	24.62	8.92	7.92	8	2.787	93.9
711	3/31/2012 0:31:19	10.61	39.552	25.14	8.95	7.93	9.6	2.799	94.4
712	3/31/2012 0:46:19	10.72	38.248	24.23	9.04	7.92	10.4	2.783	95
713	3/31/2012 1:01:19	10.74	37.834	23.94	9.03	7.91	10.1	2.8	94.7
714	3/31/2012 1:16:19	10.64	39.396	25.03	8.94	7.92	9.2	2.823	94.2
715	3/31/2012 1:31:19	10.6	39.548	25.13	8.99	7.93	10.8	2.834	94.8
716	3/31/2012 1:46:19	10.6	39.639	25.2	8.97	7.92	11.1	2.839	94.6
717	3/31/2012 2:01:19	10.55	40.11	25.53	8.99	7.94	10.6	2.892	94.9
718	3/31/2012 2:16:19	10.48	40.921	26.09	9	7.95	12.7	2.921	95.2
719	3/31/2012 2:31:19	10.48	40.907	26.08	9.03	7.95	10.6	2.961	95.5
720	3/31/2012 2:46:19	10.47	41.122	26.23	9.07	7.96	11.6	2.995	96
721	3/31/2012 3:01:19	10.43	41.599	26.57	9.14	7.97	9.7	3.046	96.9
722	3/31/2012 3:16:19	10.43	41.633	26.59	9.14	7.97	9.1	3.091	96.9
723	3/31/2012 3:31:19	10.39	42.369	27.11	9.18	7.97	11.8	3.128	97.5
724	3/31/2012 3:46:19	10.35	43.473	27.89	9.24	8.00	10.8	3.21	98.6
725	3/31/2012 4:01:19	10.36	43.152	27.66	9.28	8.00	10.2	3.283	98.9
726	3/31/2012 4:16:19	10.29	44.955	28.94	9.34	8.03	12.7	3.294	100.2
727	3/31/2012 4:31:19	10.3	44.778	28.81	9.31	8.03	10.2	3.325	99.8
728	3/31/2012 4:46:19	10.34	43.858	28.16	9.23	8.01	9.3	3.427	98.6
729	3/31/2012 5:01:19	10.37	43.215	27.71	9.27	8.00	10.4	3.462	98.8
730	3/31/2012 5:16:19	10.35	43.664	28.02	9.29	8.02	9.7	3.492	99.2
731	3/31/2012 5:31:19	10.42	42.427	27.15	9.25	7.99	9.9	3.497	98.4
732	3/31/2012 5:46:19	10.39	42.839	27.44	9.19	8.00	9	3.492	97.8
733	3/31/2012 6:01:19	10.49	41.331	26.38	9.21	7.99	10	3.529	97.6
734	3/31/2012 6:16:19	10.48	41.617	26.58	9.24	7.99	8.6	3.498	98
735	3/31/2012 6:31:19	10.49	41.425	26.45	9.23	7.99	9.4	3.481	97.9
736	3/31/2012 6:46:19	10.53	40.472	25.78	9.28	7.98	10.9	3.464	98.1
737	3/31/2012 7:01:19	10.53	39.385	25.02	9.23	7.96	13.2	3.427	97.1
738	3/31/2012 7:16:19	10.5	40.563	25.84	9.08	7.96	13.5	3.374	96
739	3/31/2012 7:31:19	10.53	39.776	25.29	9.22	7.96	11.9	3.332	97.2
740	3/31/2012 7:46:19	10.53	39.775	25.29	9.17	7.96	10.9	3.301	96.6
741	3/31/2012 8:01:19	10.56	39.39	25.02	9.14	7.95	11	3.221	96.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
742	3/31/2012 8:16:19	10.55	38.71	24.55	9.11	7.95	10.9	3.157	95.6
743	3/31/2012 8:31:19	10.53	38.221	24.2	9.18	7.93	15.5	3.141	96
744	3/31/2012 8:46:19	10.52	36.362	22.91	9.3	7.92	13.7	3.082	96.5
745	3/31/2012 9:01:19	10.53	37.46	23.67	9.23	7.93	13.6	2.997	96.3
746	3/31/2012 9:16:19	10.54	36.986	23.35	9.25	7.93	17.5	2.934	96.3
747	3/31/2012 9:31:19	10.55	36.893	23.28	9.22	7.91	20	2.866	95.9
748	3/31/2012 9:46:19	10.56	35.705	22.46	9.3	7.90	54.9	2.795	96.3
749	3/31/2012 10:01:19	10.51	34.539	21.65	9.41	7.88	29.4	2.708	96.8
750	3/31/2012 10:16:19	10.6	34.463	21.61	9.44	7.89	22.2	2.629	97.3
751	3/31/2012 10:31:19	10.62	35.1	22.04	9.44	7.89	17.8	2.562	97.6
752	3/31/2012 10:46:19	10.71	34.905	21.91	9.51	7.90	17.5	2.463	98.5
753	3/31/2012 11:01:19	10.77	33.94	21.25	9.55	7.89	19.8	2.397	98.6
754	3/31/2012 11:16:19	10.78	34.177	21.41	9.58	7.91	17.7	2.339	99
755	3/31/2012 11:31:19	10.81	34.556	21.68	9.6	7.92	16.5	2.242	99.4
756	3/31/2012 11:46:19	10.93	34.864	21.89	9.57	7.90	15.7	2.208	99.6
757	3/31/2012 12:01:19	10.96	34.548	21.68	9.6	7.90	14.9	2.143	99.8
758	3/31/2012 12:16:19	11.08	34.571	21.69	9.73	7.95	15.7	2.061	101.4
759	3/31/2012 12:31:19	11.11	34.564	21.69	9.71	7.94	14.2	2.025	101.2
760	3/31/2012 12:46:19	11.03	34.316	21.52	9.53	7.91	13	2.002	99.1
761	3/31/2012 13:01:19	11.09	34.23	21.46	9.5	7.91	12	1.981	98.8
762	3/31/2012 13:16:19	11.12	34.234	21.46	9.44	7.90	12.8	1.963	98.4
763	3/31/2012 13:31:19	11.09	34.39	21.57	9.49	7.88	12.3	1.973	98.8
764	3/31/2012 13:46:19	11.09	34.397	21.58	9.5	7.88	11.7	1.98	98.9
765	3/31/2012 14:01:19	11.05	34.334	21.53	9.43	7.90	11.4	2.005	98.2
766	3/31/2012 14:16:19	11.03	34.126	21.39	9.39	7.90	13.2	2.025	97.6
767	3/31/2012 14:31:19	10.93	34.443	21.6	9.4	7.90	13	2.047	97.6
768	3/31/2012 14:46:19	10.85	34.796	21.84	9.35	7.90	13.4	2.101	97.1
769	3/31/2012 15:01:19	10.84	34.763	21.82	9.37	7.86	13.1	2.133	97.2
770	3/31/2012 15:16:19	10.75	34.495	21.63	9.3	7.85	16.4	2.16	96.2
771	3/31/2012 15:31:19	10.76	34.255	21.47	9.35	7.89	17.5	2.23	96.7
772	3/31/2012 15:46:19	10.83	33.972	21.27	9.36	7.85	20.6	2.267	96.7
773	3/31/2012 16:01:19	10.84	34.146	21.39	9.34	7.86	15.9	2.344	96.6
774	3/31/2012 16:16:19	10.93	34.077	21.35	9.33	7.86	14.7	2.387	96.7
775	3/31/2012 16:31:19	10.89	34.384	21.56	9.34	7.86	14.5	2.456	96.8
776	3/31/2012 16:46:19	11.05	34.181	21.43	9.33	7.87	14.9	2.503	97
777	3/31/2012 17:01:19	11.04	34.013	21.31	9.38	7.91	15.8	2.57	97.5
778	3/31/2012 17:16:19	11.09	33.622	21.04	9.42	7.90	17.2	2.635	97.8
779	3/31/2012 17:31:19	11.05	33.664	21.07	9.39	7.86	18.1	2.704	97.4
780	3/31/2012 17:46:19	10.99	33.984	21.29	9.37	7.90	19.2	2.768	97.3
781	3/31/2012 18:01:19	11.02	33.554	20.99	9.42	7.90	24.5	2.827	97.6
782	3/31/2012 18:16:19	10.97	34.281	21.49	9.37	7.87	21.1	2.842	97.3
783	3/31/2012 18:31:19	10.85	35.708	22.47	9.27	7.88	17.4	2.947	96.6
784	3/31/2012 18:46:19	10.83	35.844	22.57	9.3	7.93	15	3.005	96.9
785	3/31/2012 19:01:19	10.81	36.268	22.86	9.31	7.90	17.6	3.062	97.2
786	3/31/2012 19:16:19	10.78	36.785	23.22	9.29	7.91	13.9	3.121	97.2
787	3/31/2012 19:31:19	10.8	36.675	23.14	9.33	7.91	13.9	3.155	97.5
788	3/31/2012 19:46:19	10.79	36.793	23.22	9.3	7.91	13.6	3.195	97.3
789	3/31/2012 20:01:19	10.74	37.25	23.54	9.14	7.93	11.5	3.253	95.7
790	3/31/2012 20:16:19	10.72	37.616	23.79	9.18	7.91	14.3	3.232	96.3
791	3/31/2012 20:31:19	10.71	38.035	24.08	9.15	7.92	10.6	3.27	96
792	3/31/2012 20:46:19	10.74	37.81	23.93	9.2	7.92	9.5	3.289	96.5
793	3/31/2012 21:01:19	10.76	37.471	23.69	9.25	7.92	9.7	3.281	96.9
794	3/31/2012 21:16:19	10.79	37.073	23.42	9.29	7.92	11.1	3.292	97.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
795	3/31/2012 21:31:19	10.78	36.627	23.11	9.32	7.92	13.6	3.238	97.4
796	3/31/2012 21:46:19	10.77	36.13	22.76	9.4	7.94	15.8	3.229	98
797	3/31/2012 22:01:19	10.74	36.049	22.7	9.35	7.93	21.3	3.178	97.4
798	3/31/2012 22:16:19	10.7	35.521	22.34	9.41	7.93	28.5	3.105	97.6
799	3/31/2012 22:31:19	10.66	35.666	22.44	9.42	7.94	27.5	3.085	97.8
800	3/31/2012 22:46:19	10.69	35.293	22.18	9.47	7.90	26.7	3.118	98.1
801	3/31/2012 23:01:19	10.69	35.095	22.04	9.51	7.93	24.1	3.013	98.5
802	3/31/2012 23:16:19	10.63	35.122	22.06	9.51	7.90	24.5	2.955	98.4
803	3/31/2012 23:31:19	10.74	34.689	21.77	9.48	7.93	23.3	2.945	98.1
804	3/31/2012 23:46:19	10.74	34.533	21.66	9.48	7.93	23.3	2.859	98
805	4/1/2012 0:01:19	10.8	34.246	21.46	9.51	7.92	28.4	2.841	98.4
806	4/1/2012 0:16:19	10.72	34.321	21.51	9.47	7.92	24.6	2.795	97.8
807	4/1/2012 0:31:19	10.69	34.282	21.48	9.51	7.92	26.7	2.755	98.1
808	4/1/2012 0:46:19	10.61	34.078	21.34	9.54	7.88	26.7	2.76	98.2
809	4/1/2012 1:01:19	10.67	34.125	21.38	9.53	7.88	24.8	2.708	98.2
810	4/1/2012 1:16:19	10.73	33.765	21.13	9.56	7.88	24.4	2.754	98.5
811	4/1/2012 1:31:19	10.75	33.76	21.13	9.55	7.88	26	2.636	98.4
812	4/1/2012 1:46:19	10.73	33.62	21.03	9.54	7.88	24	2.661	98.3
813	4/1/2012 2:01:19	10.73	33.655	21.05	9.51	7.88	22.5	2.632	97.9
814	4/1/2012 2:16:19	10.68	33.633	21.04	9.51	7.87	21.7	2.694	97.8
815	4/1/2012 2:31:19	10.65	33.642	21.04	9.51	7.87	21.9	2.638	97.8
816	4/1/2012 2:46:19	10.62	33.622	21.03	9.44	7.87	18.3	2.658	97
817	4/1/2012 3:01:19	10.69	33.686	21.07	9.51	7.87	20	2.709	97.9
818	4/1/2012 3:16:19	10.7	33.673	21.07	9.51	7.87	17.8	2.687	97.9
819	4/1/2012 3:31:19	10.66	33.539	20.97	9.54	7.87	19.3	2.747	98.1
820	4/1/2012 3:46:19	10.69	33.617	21.03	9.53	7.87	18.1	2.795	98
821	4/1/2012 4:01:19	10.69	33.677	21.07	9.5	7.87	18.8	2.843	97.8
822	4/1/2012 4:16:19	10.7	33.626	21.03	9.47	7.87	19.5	2.869	97.4
823	4/1/2012 4:31:19	10.72	33.87	21.2	9.47	7.87	21.1	2.959	97.6
824	4/1/2012 4:46:19	10.73	34.499	21.63	9.4	7.87	17.3	2.958	97.2
825	4/1/2012 5:01:19	10.74	35.278	22.17	9.33	7.88	13.7	3.05	96.8
826	4/1/2012 5:16:19	10.73	35.871	22.58	9.33	7.89	14.6	3.073	97
827	4/1/2012 5:31:19	10.72	36.38	22.93	9.35	7.90	15.9	3.142	97.4
828	4/1/2012 5:46:19	10.72	36.77	23.2	9.34	7.91	12.5	3.196	97.5
829	4/1/2012 6:01:19	10.7	37.165	23.48	9.33	7.91	12	3.257	97.6
830	4/1/2012 6:16:19	10.69	37.795	23.91	9.32	7.93	11.5	3.29	97.7
831	4/1/2012 6:31:19	10.7	37.157	23.47	9.32	7.92	11.1	3.314	97.4
832	4/1/2012 6:46:19	10.7	37.504	23.71	9.31	7.91	13	3.355	97.5
833	4/1/2012 7:01:19	10.69	37.141	23.46	9.33	7.91	12.3	3.396	97.5
834	4/1/2012 7:16:19	10.7	37.049	23.4	9.25	7.91	9	3.384	96.6
835	4/1/2012 7:31:19	10.69	37.426	23.66	9.16	7.91	8.7	3.417	95.9
836	4/1/2012 7:46:19	10.69	37.255	23.54	9.16	7.92	8.7	3.431	95.8
837	4/1/2012 8:01:19	10.69	37.371	23.62	9.2	7.92	8.7	3.404	96.2
838	4/1/2012 8:16:19	10.69	37.589	23.77	9.23	7.92	8.5	3.394	96.7
839	4/1/2012 8:31:19	10.69	37.494	23.7	9.19	7.92	9.7	3.348	96.2
840	4/1/2012 8:46:19	10.69	37.188	23.49	9.28	7.92	12.2	3.271	97
841	4/1/2012 9:01:19	10.67	36.064	22.71	9.32	7.89	11.7	3.266	96.8
842	4/1/2012 9:16:19	10.63	35.578	22.37	9.36	7.90	16.9	3.188	97
843	4/1/2012 9:31:19	10.62	35.357	22.22	9.33	7.90	14.8	3.145	96.6
844	4/1/2012 9:46:19	10.53	34.744	21.8	9.38	7.90	15.8	3.065	96.6
845	4/1/2012 10:01:19	10.58	35.42	22.26	9.35	7.90	27.8	3.008	96.8
846	4/1/2012 10:16:19	10.55	32.872	20.51	9.56	7.88	27.8	2.941	97.8
847	4/1/2012 10:31:19	10.6	32.856	20.5	9.56	7.88	24.2	2.868	97.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
848	4/1/2012 10:46:19	10.65	33.358	20.85	9.59	7.88	25.8	2.759	98.5
849	4/1/2012 11:01:19	10.64	33.926	21.24	9.49	7.88	20	2.686	97.6
850	4/1/2012 11:16:19	10.61	33.58	21	9.52	7.88	21	2.58	97.8
851	4/1/2012 11:31:19	10.61	32.964	20.58	9.6	7.87	21.5	2.517	98.4
852	4/1/2012 11:46:19	10.66	32.132	20.01	9.74	7.87	18.8	2.434	99.5
853	4/1/2012 12:01:19	10.66	32.579	20.32	9.67	7.87	20.7	2.351	99
854	4/1/2012 12:16:19	10.78	32.056	19.96	9.83	7.88	19.2	2.254	100.7
855	4/1/2012 12:31:19	10.84	32.704	20.41	9.84	7.89	18.4	2.161	101.2
856	4/1/2012 12:46:19	10.89	32.207	20.07	9.84	7.94	18.2	2.092	101
857	4/1/2012 13:01:19	11.01	32.36	20.18	10.03	7.92	17.2	1.987	103.4
858	4/1/2012 13:16:19	11.07	31.633	19.68	9.96	7.84	17.9	1.995	102.4
859	4/1/2012 13:31:19	11.34	31.27	19.44	10.19	7.86	17.2	1.948	105.3
860	4/1/2012 13:46:19	11.13	31.802	19.8	9.65	7.87	15	1.873	99.5
861	4/1/2012 14:01:19	11.04	32.035	19.96	9.74	7.88	16.2	1.851	100.3
862	4/1/2012 14:16:19	11.16	31.785	19.79	9.84	7.89	17.2	1.851	101.5
863	4/1/2012 14:31:19	11.18	31.739	19.76	9.81	7.88	16.9	1.849	101.3
864	4/1/2012 14:46:19	11.09	31.676	19.71	9.8	7.87	17.2	1.839	100.9
865	4/1/2012 15:01:19	11.1	31.447	19.56	9.73	7.86	17.3	1.867	100.1
866	4/1/2012 15:16:19	11.03	31.766	19.77	9.8	7.87	17.6	1.909	100.8
867	4/1/2012 15:31:19	10.96	31.967	19.91	9.65	7.86	16.8	1.943	99.2
868	4/1/2012 15:46:19	10.97	31.739	19.75	9.65	7.85	17.6	2.014	99.1
869	4/1/2012 16:01:19	10.83	32.347	20.16	9.58	7.85	16.3	2.011	98.4
870	4/1/2012 16:16:19	10.79	32.517	20.28	9.51	7.85	16.4	2.102	97.6
871	4/1/2012 16:31:19	10.74	32.67	20.38	9.52	7.85	17.7	2.156	97.7
872	4/1/2012 16:46:19	10.74	32.4	20.2	9.51	7.86	18.3	2.183	97.4
873	4/1/2012 17:01:19	10.75	32.173	20.04	9.57	7.86	20.7	2.285	98
874	4/1/2012 17:16:19	10.71	32.246	20.09	9.57	7.84	21.5	2.342	97.9
875	4/1/2012 17:31:19	10.71	32.075	19.97	9.57	7.84	19.5	2.422	97.8
876	4/1/2012 17:46:19	10.75	32.101	19.99	9.59	7.86	20.9	2.504	98.1
877	4/1/2012 18:01:19	10.76	32.69	20.39	9.56	7.85	19.5	2.573	98.2
878	4/1/2012 18:16:19	10.75	33.357	20.85	9.5	7.88	19.2	2.633	97.8
879	4/1/2012 18:31:19	10.76	33.449	20.91	9.51	7.86	20.1	2.701	98
880	4/1/2012 18:46:19	10.72	34.337	21.52	9.45	7.88	22.4	2.762	97.6
881	4/1/2012 19:01:19	10.7	34.374	21.55	9.46	7.88	22.5	2.855	97.7
882	4/1/2012 19:16:19	10.66	34.964	21.95	9.44	7.90	19.5	2.927	97.6
883	4/1/2012 19:31:19	10.63	35.632	22.41	9.4	7.89	19.3	2.998	97.4
884	4/1/2012 19:46:19	10.64	35.456	22.29	9.42	7.90	20.3	3.04	97.6
885	4/1/2012 20:01:19	10.65	35.892	22.59	9.44	7.91	17.8	3.117	98.1
886	4/1/2012 20:16:19	10.63	36.626	23.1	9.41	7.91	18.4	3.149	98
887	4/1/2012 20:31:19	10.61	37.169	23.48	9.34	7.92	15.5	3.23	97.4
888	4/1/2012 20:46:19	10.61	36.875	23.27	9.32	7.92	12.2	3.248	97.1
889	4/1/2012 21:01:19	10.62	37.077	23.41	9.37	7.92	13	3.287	97.7
890	4/1/2012 21:16:19	10.62	36.813	23.23	9.34	7.92	13.8	3.308	97.3
891	4/1/2012 21:31:19	10.6	37.438	23.66	9.31	7.93	13.4	3.337	97.2
892	4/1/2012 21:46:19	10.61	37.161	23.47	9.32	7.92	13.6	3.316	97.2
893	4/1/2012 22:01:19	10.61	36.967	23.34	9.38	7.92	16	3.305	97.7
894	4/1/2012 22:16:19	10.65	34.96	21.95	9.37	7.89	14.7	3.27	96.9
895	4/1/2012 22:31:19	10.63	36.258	22.84	9.37	7.91	28.1	3.233	97.4
896	4/1/2012 22:46:19	10.66	34.757	21.81	9.51	7.90	23.8	3.17	98.3
897	4/1/2012 23:01:19	10.67	34.614	21.71	9.48	7.89	28.9	3.088	97.9
898	4/1/2012 23:16:19	10.67	34.38	21.55	9.46	7.89	25.1	3.019	97.6
899	4/1/2012 23:31:19	10.67	33.464	20.92	9.49	7.88	23.6	2.966	97.5
900	4/1/2012 23:46:19	10.67	32.763	20.44	9.51	7.87	22	2.888	97.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	4/2/2012 0:01:19	10.7	33.025	20.62	9.49	7.87	21.1	2.855	97.5
902	4/2/2012 0:16:19	10.73	32.604	20.33	9.51	7.86	19.2	2.796	97.6
903	4/2/2012 0:31:19	10.73	32.583	20.32	9.49	7.86	17.5	2.737	97.3
904	4/2/2012 0:46:19	10.71	32.114	20	9.48	7.85	16.2	2.693	97
905	4/2/2012 1:01:19	10.73	32.841	20.5	9.43	7.86	15.9	2.633	96.8
906	4/2/2012 1:16:19	10.72	32.541	20.29	9.39	7.85	12.7	2.576	96.2
907	4/2/2012 1:31:19	10.69	31.646	19.68	9.39	7.85	13.1	2.55	95.8
908	4/2/2012 1:46:19	10.67	31.238	19.4	9.35	7.83	13.5	2.514	95.2
909	4/2/2012 2:01:19	10.68	31.524	19.6	9.24	7.83	11.7	2.447	94.3
910	4/2/2012 2:16:19	10.68	31.963	19.9	9.23	7.83	12.4	2.484	94.2
911	4/2/2012 2:31:19	10.62	30.981	19.23	9.29	7.82	15.3	2.413	94.3
912	4/2/2012 2:46:19	10.67	31.561	19.62	9.41	7.82	14.7	2.44	96
913	4/2/2012 3:01:19	10.71	31.626	19.67	9.44	7.83	12.6	2.422	96.4
914	4/2/2012 3:16:19	10.71	31.744	19.75	9.45	7.85	13.3	2.435	96.5
915	4/2/2012 3:31:19	10.73	31.473	19.56	9.48	7.85	13.5	2.476	96.8
916	4/2/2012 3:46:19	10.73	31.217	19.39	9.49	7.85	13.1	2.485	96.7
917	4/2/2012 4:01:19	10.72	32.484	20.25	9.4	7.84	15.1	2.516	96.3
918	4/2/2012 4:16:19	10.71	32.946	20.57	9.39	7.84	15.4	2.568	96.4
919	4/2/2012 4:31:19	10.69	33.064	20.65	9.42	7.87	19.8	2.615	96.7
920	4/2/2012 4:46:19	10.68	33.09	20.67	9.44	7.85	16.8	2.662	96.9
921	4/2/2012 5:01:19	10.66	33.889	21.21	9.45	7.86	19	2.717	97.2
922	4/2/2012 5:16:19	10.64	34.361	21.54	9.45	7.87	19.2	2.762	97.5
923	4/2/2012 5:31:19	10.62	35.044	22.01	9.49	7.91	16.3	2.834	98.1
924	4/2/2012 5:46:19	10.59	36.191	22.8	9.54	7.91	17.7	2.888	99.1
925	4/2/2012 6:01:19	10.58	36.667	23.13	9.59	7.92	17.4	2.972	99.7
926	4/2/2012 6:16:19	10.56	37.13	23.45	9.61	7.94	17.6	3.023	100.1
927	4/2/2012 6:31:19	10.54	37.693	23.84	9.65	7.95	18.4	3.077	100.8
928	4/2/2012 6:46:20	10.52	37.827	23.93	9.62	7.99	17.7	3.16	100.5
929	4/2/2012 7:01:19	10.53	37.181	23.48	9.61	7.95	15.9	3.222	100.1
930	4/2/2012 7:16:19	10.48	38.807	24.61	9.68	7.97	16.7	3.273	101.4
931	4/2/2012 7:31:19	10.48	38.301	24.26	9.69	7.97	17.2	3.323	101.3
932	4/2/2012 7:46:19	10.47	38.475	24.38	9.69	7.97	16.6	3.367	101.4
933	4/2/2012 8:01:19	10.47	38.537	24.42	9.69	7.97	15.8	3.411	101.3
934	4/2/2012 8:16:19	10.46	38.535	24.42	9.66	7.97	15.3	3.437	101.1
935	4/2/2012 8:31:19	10.45	39.617	25.18	9.54	7.97	11.9	3.455	100.3
936	4/2/2012 8:46:19	10.44	40.005	25.45	9.59	7.99	10.4	3.47	101
937	4/2/2012 9:01:19	10.46	39.428	25.04	9.57	7.98	10.5	3.465	100.5
938	4/2/2012 9:16:19	10.46	39.331	24.98	9.62	7.98	12.3	3.435	101
939	4/2/2012 9:31:20	10.45	39.59	25.16	9.55	8.01	11.5	3.392	100.4
940	4/2/2012 9:46:19	10.46	39.316	24.97	9.62	7.99	15.9	3.338	101
941	4/2/2012 10:01:19	10.45	35.397	22.24	9.61	7.93	15.3	3.298	99.1
942	4/2/2012 10:16:19	10.48	36.011	22.67	9.59	7.94	20.8	3.224	99.3
943	4/2/2012 10:31:19	10.55	35.549	22.35	9.51	7.93	23.7	3.152	98.4
944	4/2/2012 10:46:19	10.57	36.506	23.01	9.57	7.94	22.8	3.074	99.5
945	4/2/2012 11:01:19	10.61	35.506	22.32	9.53	7.92	20.6	2.983	98.7
946	4/2/2012 11:16:19	10.61	34.978	21.96	9.55	7.91	22.8	2.908	98.7
947	4/2/2012 11:31:19	10.64	34.657	21.74	9.53	7.91	20	2.799	98.4
948	4/2/2012 11:46:19	10.72	34.544	21.66	9.54	7.91	17.5	2.704	98.6
949	4/2/2012 12:01:19	11.13	33.02	20.63	9.69	7.90	13.3	2.611	100.4
950	4/2/2012 12:16:19	11.19	33.033	20.64	9.8	7.90	13.5	2.523	101.7
951	4/2/2012 12:31:19	11.5	32.588	20.35	9.99	7.92	12.3	2.411	104.2
952	4/2/2012 12:46:19	11.18	34.083	21.36	9.8	7.92	15	2.298	102.1
953	4/2/2012 13:01:19	11.37	32.869	20.53	9.73	7.89	13.4	2.207	101.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	4/2/2012 13:16:19	11.78	32.3	20.16	10	7.91	11.8	2.11	104.8
955	4/2/2012 13:31:19	11.81	32.013	19.96	10.02	7.90	11.8	2.016	105
956	4/2/2012 13:46:19	11.8	32.242	20.12	9.87	7.90	11.7	1.919	103.5
957	4/2/2012 14:01:19	11.76	32.065	19.99	9.77	7.89	10.8	1.854	102.3
958	4/2/2012 14:16:19	12.2	31.793	19.82	9.95	7.92	10.6	1.804	105
959	4/2/2012 14:31:19	12.31	31.794	19.82	9.99	7.92	10.6	1.738	105.7
960	4/2/2012 14:46:19	12.71	31.942	19.93	10.31	7.96	9.4	1.738	110.1
961	4/2/2012 15:01:19	12.72	32.098	20.04	10.31	7.95	10	1.708	110.2
962	4/2/2012 15:16:19	12.57	31.761	19.8	10.1	7.92	9.7	1.701	107.5
963	4/2/2012 15:31:19	12.13	31.553	19.65	9.82	7.88	9.7	1.738	103.4
964	4/2/2012 15:46:19	12.15	31.556	19.66	9.75	7.88	9.7	1.753	102.7
965	4/2/2012 16:01:19	12.38	31.668	19.74	9.83	7.90	10	1.772	104.1
966	4/2/2012 16:16:19	11.97	31.848	19.85	9.62	7.86	10.3	1.813	101
967	4/2/2012 16:31:19	11.28	32.965	20.6	9.52	7.86	10.5	1.868	99
968	4/2/2012 16:46:19	11.37	32.872	20.54	9.52	7.86	10.5	1.912	99.2
969	4/2/2012 17:01:19	11.34	32.786	20.48	9.51	7.86	11.5	1.976	99
970	4/2/2012 17:16:19	11.35	32.554	20.32	9.51	7.87	11.9	2.038	98.9
971	4/2/2012 17:31:19	11.35	32.247	20.11	9.53	7.85	14.7	2.133	98.9
972	4/2/2012 17:46:19	11.32	32.057	19.98	9.55	7.84	16.4	2.209	99
973	4/2/2012 18:01:19	11.25	32.224	20.09	9.54	7.84	16.4	2.285	98.8
974	4/2/2012 18:16:19	11.08	33.216	20.76	9.55	7.85	17.4	2.378	98.9
975	4/2/2012 18:31:19	11.1	33.621	21.04	9.53	7.87	15.5	2.464	98.9
976	4/2/2012 18:46:19	11.16	33.826	21.19	9.56	7.90	17.9	2.552	99.5
977	4/2/2012 19:01:19	10.8	35.976	22.66	9.58	7.87	19	2.637	99.8
978	4/2/2012 19:16:19	10.82	35.78	22.52	9.58	7.91	20.4	2.717	99.9
979	4/2/2012 19:31:19	10.81	35.829	22.55	9.58	7.87	20.3	2.792	99.8
980	4/2/2012 19:46:19	10.82	35.926	22.62	9.61	7.93	20.5	2.877	100.2
981	4/2/2012 20:01:19	10.76	36.555	23.06	9.65	7.94	22	2.951	100.7
982	4/2/2012 20:16:19	10.72	37.142	23.46	9.67	7.95	22.9	3.026	101.1
983	4/2/2012 20:31:19	10.65	38.102	24.13	9.72	7.97	25.6	3.101	101.9
984	4/2/2012 20:46:19	10.65	38.338	24.29	9.73	7.97	24.5	3.175	102.2
985	4/2/2012 21:01:19	10.7	38.58	24.46	9.74	7.99	28.3	3.25	102.5
986	4/2/2012 21:16:19	10.83	38.863	24.66	9.77	7.99	23.9	3.311	103.2
987	4/2/2012 21:31:19	10.88	39.114	24.84	9.78	8.00	20.5	3.359	103.5
988	4/2/2012 21:46:19	10.86	39.45	25.08	9.75	8.00	19.3	3.392	103.4
989	4/2/2012 22:01:19	10.93	39.397	25.04	9.73	8.00	17.3	3.426	103.3
990	4/2/2012 22:16:19	10.8	39.464	25.08	9.65	7.99	14.5	3.429	102.1
991	4/2/2012 22:31:19	10.76	38.493	24.4	9.71	7.99	15.5	3.43	102.2
992	4/2/2012 22:46:19	10.86	36.796	23.23	9.55	7.87	17	3.391	100
993	4/2/2012 23:01:19	11.18	33.884	21.23	9.52	7.90	57.9	3.349	99.2
994	4/2/2012 23:16:19	11.04	34.703	21.78	9.58	7.92	15.8	3.307	99.8
995	4/2/2012 23:31:19	10.83	37.879	23.98	9.62	7.97	24.4	3.219	101.2
996	4/2/2012 23:46:19	11.01	35.025	22.01	9.57	7.92	18.5	3.15	99.8
997	4/3/2012 0:01:19	10.96	36.17	22.8	9.61	7.95	26.4	3.057	100.6
998	4/3/2012 0:16:19	10.99	34.92	21.93	9.58	7.92	20.6	2.965	99.8
999	4/3/2012 0:31:19	11.03	34.014	21.31	9.58	7.90	15	2.892	99.5
1000	4/3/2012 0:46:19	11.04	34.039	21.33	9.59	7.91	12.8	2.811	99.6
1001	4/3/2012 1:01:19	11.09	33.919	21.25	9.59	7.91	13	2.727	99.7
1002	4/3/2012 1:16:19	11.12	34.051	21.34	9.6	7.90	16.6	2.659	99.9
1003	4/3/2012 1:31:19	11.09	33.66	21.07	9.52	7.89	12.8	2.579	98.9
1004	4/3/2012 1:46:19	11.14	33.853	21.2	9.52	7.89	14	2.509	99.1
1005	4/3/2012 2:01:19	11.17	33.572	21.01	9.47	7.89	13.6	2.43	98.5
1006	4/3/2012 2:16:19	11.22	33.12	20.7	9.48	7.89	11.9	2.383	98.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1007	4/3/2012 2:31:19	11.25	32.905	20.56	9.45	7.89	11.4	2.312	98.2
1008	4/3/2012 2:46:19	11.34	32.642	20.38	9.47	7.88	11.4	2.266	98.5
1009	4/3/2012 3:01:19	11.52	32.126	20.03	9.55	7.88	11.3	2.21	99.4
1010	4/3/2012 3:16:19	11.7	31.745	19.77	9.59	7.88	11.1	2.189	100.1
1011	4/3/2012 3:31:19	11.63	32.07	19.99	9.49	7.88	11.6	2.159	99
1012	4/3/2012 3:46:19	11.49	31.759	19.78	9.38	7.86	10.7	2.151	97.5
1013	4/3/2012 4:01:19	11.33	33.076	20.68	9.4	7.87	10.1	2.174	97.9
1014	4/3/2012 4:16:19	11.35	32.865	20.53	9.45	7.87	10.9	2.21	98.4
1015	4/3/2012 4:31:19	11.45	32.697	20.42	9.49	7.89	10.3	2.24	98.9
1016	4/3/2012 4:46:19	11.3	33.454	20.93	9.44	7.88	12.8	2.265	98.4
1017	4/3/2012 5:01:19	11.23	33.819	21.18	9.44	7.88	12.1	2.327	98.4
1018	4/3/2012 5:16:19	11.18	34.094	21.37	9.46	7.89	13.6	2.372	98.6
1019	4/3/2012 5:31:19	11.21	33.818	21.18	9.48	7.88	19.4	2.453	98.8
1020	4/3/2012 5:46:19	11.18	33.551	21	9.48	7.88	21.8	2.505	98.6
1021	4/3/2012 6:01:19	11.13	34.26	21.48	9.5	7.89	19.5	2.578	99
1022	4/3/2012 6:16:19	11.13	34.216	21.45	9.53	7.89	18.2	2.664	99.3
1023	4/3/2012 6:31:19	11	36.629	23.11	9.55	7.93	19.8	2.732	100.3
1024	4/3/2012 6:46:19	10.98	37.308	23.59	9.57	7.95	20.2	2.8	100.8
1025	4/3/2012 7:01:19	10.98	37.413	23.66	9.58	7.96	21.1	2.871	100.9
1026	4/3/2012 7:16:19	10.97	37.673	23.84	9.57	7.96	22.4	2.964	100.9
1027	4/3/2012 7:31:19	10.95	38.103	24.14	9.58	7.97	23.1	3.03	101.2
1028	4/3/2012 7:46:19	10.92	38.673	24.53	9.58	7.98	23.1	3.093	101.3
1029	4/3/2012 8:01:19	10.89	39.152	24.87	9.6	7.99	25.1	3.192	101.7
1030	4/3/2012 8:16:19	10.84	39.64	25.21	9.6	8.00	24.2	3.253	101.8
1031	4/3/2012 8:31:19	10.82	39.822	25.34	9.59	8.00	22.7	3.341	101.7
1032	4/3/2012 8:46:19	10.77	40.622	25.89	9.61	8.01	24.9	3.407	102.2
1033	4/3/2012 9:01:19	10.77	40.941	26.12	9.59	8.02	22.1	3.459	102.1
1034	4/3/2012 9:16:19	10.74	41.072	26.21	9.63	8.02	20.2	3.485	102.6
1035	4/3/2012 9:31:19	10.74	41.034	26.18	9.55	8.02	15.4	3.529	101.6
1036	4/3/2012 9:46:19	10.78	40.694	25.95	9.58	8.02	15.5	3.547	101.9
1037	4/3/2012 10:01:19	10.72	41.327	26.39	9.59	8.03	20.5	3.519	102.2
1038	4/3/2012 10:16:19	10.72	41.417	26.45	9.59	8.03	18.6	3.54	102.2
1039	4/3/2012 10:31:19	10.76	40.822	26.04	9.54	8.02	16.1	3.487	101.5
1040	4/3/2012 10:46:19	10.85	38.511	24.42	9.57	7.99	17.5	3.441	101
1041	4/3/2012 11:01:19	11.02	35.587	22.39	9.52	7.95	22.4	3.378	99.5
1042	4/3/2012 11:16:19	10.96	36.511	23.03	9.57	7.94	19.5	3.274	100.3
1043	4/3/2012 11:31:19	10.99	36.467	23	9.57	7.95	17	3.213	100.4
1044	4/3/2012 11:46:19	11.08	35.928	22.63	9.6	7.95	13.4	3.106	100.7
1045	4/3/2012 12:01:19	11.07	36.178	22.8	9.62	7.96	15.5	3.031	100.9
1046	4/3/2012 12:16:19	11.13	35.624	22.42	9.63	7.95	11.5	2.937	100.9
1047	4/3/2012 12:31:19	11.19	35.508	22.34	9.67	7.95	11.1	2.814	101.5
1048	4/3/2012 12:46:19	11.21	35.544	22.37	9.67	7.95	11.9	2.725	101.5
1049	4/3/2012 13:01:19	11.28	35.288	22.2	9.79	7.96	10	2.616	102.8
1050	4/3/2012 13:16:19	11.37	35.072	22.05	9.93	7.98	10.5	2.508	104.4
1051	4/3/2012 13:31:19	11.44	34.062	21.36	9.69	7.94	14.8	2.431	101.6
1052	4/3/2012 13:46:20	11.55	34.625	21.75	10.26	8.04	10.7	2.313	108.1
1053	4/3/2012 14:01:19	11.57	33.959	21.29	10.06	7.98	11.7	2.201	105.7
1054	4/3/2012 14:16:19	11.63	33.996	21.31	10.14	8.00	12	2.078	106.8
1055	4/3/2012 14:31:19	11.65	33.913	21.26	10.29	8.00	11.7	1.977	108.3
1056	4/3/2012 14:46:19	11.69	33.852	21.22	10.26	8.02	12.8	1.884	108
1057	4/3/2012 15:01:19	11.68	33.785	21.17	10.1	8.01	13.2	1.81	106.3
1058	4/3/2012 15:16:19	11.7	33.423	20.92	10.02	7.99	13.4	1.775	105.4
1059	4/3/2012 15:31:19	11.72	33.334	20.86	9.97	7.99	13	1.701	104.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	4/3/2012 15:46:19	11.71	33.179	20.76	9.8	7.96	11.8	1.693	102.9
1061	4/3/2012 16:01:19	11.74	33.39	20.9	9.95	7.97	12.2	1.678	104.7
1062	4/3/2012 16:16:19	11.73	33.26	20.81	9.82	7.96	10.9	1.676	103.2
1063	4/3/2012 16:31:19	11.67	33.154	20.74	9.61	7.92	10.1	1.726	100.8
1064	4/3/2012 16:46:19	11.54	33.725	21.13	9.58	7.91	10.8	1.768	100.4
1065	4/3/2012 17:01:19	11.56	33.521	20.99	9.57	7.90	11.1	1.835	100.4
1066	4/3/2012 17:16:19	11.58	32.815	20.5	9.58	7.84	12.9	1.891	100.2
1067	4/3/2012 17:31:19	11.57	32.806	20.5	9.55	7.89	12.6	1.956	99.9
1068	4/3/2012 17:46:19	11.53	32.719	20.44	9.55	7.88	13.5	2.065	99.7
1069	4/3/2012 18:01:19	11.5	32.955	20.6	9.52	7.88	11.9	2.13	99.5
1070	4/3/2012 18:16:19	11.46	33.306	20.84	9.52	7.90	12.9	2.239	99.5
1071	4/3/2012 18:31:19	11.44	33.238	20.79	9.49	7.88	15.3	2.294	99.2
1072	4/3/2012 18:46:19	11.39	33.473	20.95	9.5	7.89	15.5	2.386	99.2
1073	4/3/2012 19:01:19	11.39	33.842	21.2	9.52	7.89	14.8	2.478	99.6
1074	4/3/2012 19:16:19	11.41	34.041	21.34	9.57	7.90	13.1	2.555	100.2
1075	4/3/2012 19:31:19	11.35	34.639	21.75	9.57	7.92	14.8	2.667	100.4
1076	4/3/2012 19:46:19	11.32	34.444	21.61	9.62	7.93	23.3	2.736	100.8
1077	4/3/2012 20:01:19	11.22	34.517	21.66	9.6	7.93	19.3	2.823	100.4
1078	4/3/2012 20:16:19	11.12	35.137	22.09	9.62	7.92	19.6	2.912	100.6
1079	4/3/2012 20:31:19	11.08	35.842	22.57	9.59	7.93	17.5	3	100.5
1080	4/3/2012 20:46:19	10.98	37.792	23.92	9.54	7.96	30.9	3.102	100.7
1081	4/3/2012 21:01:19	10.93	38.465	24.39	9.59	7.97	56	3.184	101.3
1082	4/3/2012 21:16:19	10.9	39.471	25.09	9.7	7.99	71.1	3.26	102.9
1083	4/3/2012 21:31:19	10.87	39.995	25.46	9.74	7.94	62.3	3.373	103.5
1084	4/3/2012 21:46:19	10.82	40.64	25.91	9.79	7.96	64.9	3.434	104.2
1085	4/3/2012 22:01:19	10.77	41.575	26.57	9.8	8.03	65.1	3.501	104.6
1086	4/3/2012 22:16:19	10.76	41.644	26.61	9.77	8.03	54.9	3.573	104.4
1087	4/3/2012 22:31:19	10.72	42.189	27	9.76	8.04	33.6	3.604	104.4
1088	4/3/2012 22:46:19	10.72	42.192	27	9.73	8.04	21.2	3.615	104.1
1089	4/3/2012 23:01:19	10.72	42.164	26.98	9.74	8.04	32.8	3.619	104.2
1090	4/3/2012 23:16:19	10.76	41.2	26.3	9.73	8.04	24.5	3.587	103.7
1091	4/3/2012 23:31:19	10.73	41.001	26.16	9.72	8.03	26.1	3.526	103.4
1092	4/3/2012 23:46:19	10.84	37.789	23.91	9.62	7.99	24.6	3.464	101.1
1093	4/4/2012 0:01:19	10.84	38.613	24.49	9.65	8.00	43	3.383	101.8
1094	4/4/2012 0:16:19	10.85	37.806	23.93	9.56	7.98	30.9	3.293	100.6
1095	4/4/2012 0:31:19	10.88	37.559	23.76	9.55	7.97	34.6	3.194	100.4
1096	4/4/2012 0:46:19	10.89	36.87	23.28	9.56	7.96	34.9	3.078	100.2
1097	4/4/2012 1:01:19	10.89	37.163	23.48	9.62	7.96	34.9	3.005	101
1098	4/4/2012 1:16:19	10.86	36.807	23.23	9.52	7.96	20.6	2.896	99.7
1099	4/4/2012 1:31:19	10.81	36.436	22.97	9.51	7.95	15	2.827	99.3
1100	4/4/2012 1:46:19	10.85	35.773	22.52	9.51	7.94	14.5	2.717	99.1
1101	4/4/2012 2:01:19	10.84	35.438	22.28	9.48	7.93	13.6	2.604	98.7
1102	4/4/2012 2:16:19	10.84	34.997	21.98	9.44	7.91	16.3	2.5	98
1103	4/4/2012 2:31:20	11	34.043	21.33	9.45	7.95	20	2.41	98.1
1104	4/4/2012 2:46:20	10.97	34.178	21.42	9.44	7.95	20.1	2.304	97.9
1105	4/4/2012 3:01:19	10.82	34.301	21.5	9.41	7.90	17.9	2.214	97.4
1106	4/4/2012 3:16:19	10.93	33.711	21.1	9.44	7.90	17.2	2.125	97.7
1107	4/4/2012 3:31:19	10.88	33.797	21.16	9.41	7.90	16.9	2.023	97.3
1108	4/4/2012 3:46:19	10.96	33.239	20.78	9.41	7.91	15.9	1.944	97.2
1109	4/4/2012 4:01:19	11.04	32.933	20.57	9.45	7.89	15.3	1.92	97.7
1110	4/4/2012 4:16:19	11.05	32.783	20.47	9.42	7.89	14.2	1.87	97.4
1111	4/4/2012 4:31:19	10.99	33.214	20.76	9.31	7.88	13.2	1.853	96.3
1112	4/4/2012 4:46:19	10.95	33.359	20.86	9.41	7.91	14.2	1.894	97.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1113	4/4/2012 5:01:19	10.95	33.159	20.72	9.38	7.91	13.1	1.895	96.9
1114	4/4/2012 5:16:19	10.95	33.213	20.76	9.39	7.91	14	1.959	97
1115	4/4/2012 5:31:19	10.96	33.118	20.69	9.38	7.88	15.9	2.017	96.9
1116	4/4/2012 5:46:19	11	32.862	20.52	9.42	7.87	19	2.083	97.3
1117	4/4/2012 6:01:19	11.04	32.852	20.51	9.42	7.90	15.5	2.167	97.3
1118	4/4/2012 6:16:19	11.04	33.096	20.68	9.4	7.87	15.3	2.246	97.3
1119	4/4/2012 6:31:19	11	33.441	20.92	9.43	7.91	17.3	2.314	97.6
1120	4/4/2012 6:46:19	11.02	33.627	21.04	9.42	7.88	18.5	2.406	97.7
1121	4/4/2012 7:01:19	10.97	34.305	21.51	9.43	7.89	15.3	2.497	97.9
1122	4/4/2012 7:16:19	10.95	34.475	21.62	9.45	7.90	15.8	2.574	98.1
1123	4/4/2012 7:31:19	10.86	35.021	22	9.47	7.91	16.9	2.652	98.4
1124	4/4/2012 7:46:19	10.8	35.1	22.05	9.5	7.91	17.2	2.744	98.6
1125	4/4/2012 8:01:19	10.71	35.402	22.26	9.51	7.92	15.8	2.838	98.7
1126	4/4/2012 8:16:19	10.62	35.58	22.38	9.55	7.92	29.5	2.915	99
1127	4/4/2012 8:31:19	10.71	36.407	22.95	9.57	7.94	15.9	2.996	99.7
1128	4/4/2012 8:46:19	10.79	37.985	24.05	9.56	7.97	22	3.095	100.6
1129	4/4/2012 9:01:19	10.76	38.655	24.52	9.6	7.98	24.1	3.177	101.1
1130	4/4/2012 9:16:19	10.73	39.099	24.83	9.62	7.99	33.2	3.252	101.5
1131	4/4/2012 9:31:19	10.7	39.382	25.02	9.66	7.99	41.8	3.347	102
1132	4/4/2012 9:46:19	10.63	40.117	25.53	9.73	8.01	85.7	3.41	102.9
1133	4/4/2012 10:01:19	10.58	40.559	25.84	9.74	8.02	45.1	3.456	103.1
1134	4/4/2012 10:16:19	10.56	40.793	26.01	9.76	8.03	24.4	3.52	103.3
1135	4/4/2012 10:31:19	10.55	40.999	26.15	9.72	8.02	18.3	3.571	103
1136	4/4/2012 10:46:19	10.58	40.682	25.93	9.72	8.02	19.4	3.578	102.9
1137	4/4/2012 11:01:20	10.54	41.069	26.2	9.71	8.06	21.2	3.555	103
1138	4/4/2012 11:16:19	10.55	40.882	26.07	9.75	8.03	20.9	3.541	103.3
1139	4/4/2012 11:31:19	10.58	40.388	25.72	9.74	8.03	19	3.508	103
1140	4/4/2012 11:46:19	10.66	38.94	24.71	9.64	8.00	23.8	3.423	101.5
1141	4/4/2012 12:01:19	10.73	37.89	23.98	9.65	7.99	43.7	3.351	101.3
1142	4/4/2012 12:16:19	10.74	37.673	23.83	9.62	7.98	31	3.287	100.8
1143	4/4/2012 12:31:19	10.74	38.443	24.37	9.6	7.99	32.2	3.179	101
1144	4/4/2012 12:46:19	10.98	36.746	23.2	9.64	7.97	14	3.071	101.2
1145	4/4/2012 13:01:19	10.83	36.711	23.17	9.63	7.96	22.7	2.96	100.7
1146	4/4/2012 13:16:19	11.11	36.117	22.76	9.71	7.97	12.3	2.862	102
1147	4/4/2012 13:31:19	11.12	36.094	22.75	9.71	7.97	14.1	2.747	102
1148	4/4/2012 13:46:19	11.07	35.601	22.41	9.78	7.96	15.9	2.641	102.4
1149	4/4/2012 14:01:19	11.06	35.479	22.32	10	7.99	12	2.526	104.6
1150	4/4/2012 14:16:19	11.03	34.705	21.79	10.02	7.99	12.2	2.409	104.4
1151	4/4/2012 14:31:19	11.02	34.178	21.42	9.96	7.99	14.6	2.304	103.5
1152	4/4/2012 14:46:19	11.1	34.225	21.46	10.08	7.99	12.3	2.188	104.9
1153	4/4/2012 15:01:19	11.23	33.929	21.26	10.15	7.99	11.8	2.07	105.8
1154	4/4/2012 15:16:19	11.37	33.651	21.07	10.06	7.99	12.8	1.963	105.1
1155	4/4/2012 15:31:19	11.41	33.466	20.94	10.11	7.98	11.6	1.858	105.7
1156	4/4/2012 15:46:19	11.42	33.265	20.81	10.02	7.98	12.6	1.764	104.7
1157	4/4/2012 16:01:19	11.37	33.095	20.69	9.95	7.96	13.6	1.698	103.7
1158	4/4/2012 16:16:19	11.39	32.799	20.49	9.93	7.95	13.3	1.652	103.5
1159	4/4/2012 16:31:19	11.25	33.484	20.95	9.66	7.92	10.3	1.615	100.6
1160	4/4/2012 16:46:19	11.54	33.12	20.71	9.9	7.95	11.7	1.614	103.6
1161	4/4/2012 17:01:19	11.36	33.514	20.98	9.76	7.89	12.2	1.652	101.9
1162	4/4/2012 17:16:19	11.37	33.317	20.84	9.85	7.94	10.9	1.673	102.8
1163	4/4/2012 17:31:19	11.23	33.605	21.03	9.7	7.92	10.9	1.735	101
1164	4/4/2012 17:46:19	11.25	33.503	20.97	9.73	7.92	10.9	1.804	101.3
1165	4/4/2012 18:01:19	11.22	33.123	20.7	9.7	7.91	11.5	1.891	100.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1166	4/4/2012 18:16:19	11.18	32.807	20.49	9.69	7.89	13.7	1.964	100.5
1167	4/4/2012 18:31:19	11.13	32.84	20.51	9.66	7.89	13	2.044	100
1168	4/4/2012 18:46:19	11.11	33.562	21	9.61	7.90	12.9	2.149	99.8
1169	4/4/2012 19:01:19	11.06	33.736	21.12	9.57	7.90	16.8	2.246	99.3
1170	4/4/2012 19:16:19	11.04	33.945	21.26	9.55	7.90	17.8	2.319	99.2
1171	4/4/2012 19:31:19	11.05	34.148	21.4	9.58	7.90	19.5	2.431	99.6
1172	4/4/2012 19:46:19	11.12	34.234	21.46	9.61	7.91	21.4	2.53	100.1
1173	4/4/2012 20:01:19	11.09	34.654	21.75	9.63	7.92	15.8	2.628	100.4
1174	4/4/2012 20:16:19	11.04	35.015	22	9.66	7.93	16.2	2.731	100.8
1175	4/4/2012 20:31:19	10.99	35.455	22.3	9.69	7.93	15.9	2.828	101.2
1176	4/4/2012 20:46:19	10.88	37.25	23.54	9.6	7.96	26.2	2.922	100.8
1177	4/4/2012 21:01:19	10.85	37.857	23.96	9.62	7.97	34.6	3.023	101.2
1178	4/4/2012 21:16:19	10.82	38.097	24.13	9.64	7.97	37.4	3.119	101.4
1179	4/4/2012 21:31:19	10.8	38.374	24.32	9.66	8.00	41.4	3.222	101.8
1180	4/4/2012 21:46:19	10.79	39.522	25.12	9.74	8.00	60	3.319	103.1
1181	4/4/2012 22:01:19	10.76	40.166	25.57	9.79	8.01	68.1	3.422	103.8
1182	4/4/2012 22:16:19	10.69	40.861	26.06	9.82	8.03	48.5	3.503	104.3
1183	4/4/2012 22:31:19	10.66	41.162	26.27	9.81	8.03	32.7	3.586	104.3
1184	4/4/2012 22:46:19	10.64	41.683	26.64	9.8	8.04	33.7	3.66	104.4
1185	4/4/2012 23:01:19	10.62	42.059	26.9	9.76	8.04	21.3	3.703	104.1
1186	4/4/2012 23:16:19	10.6	42.526	27.23	9.68	8.04	17	3.732	103.4
1187	4/4/2012 23:31:19	10.6	42.433	27.16	9.74	8.05	19	3.736	104
1188	4/4/2012 23:46:19	10.61	42.356	27.11	9.67	8.05	15.8	3.723	103.3
1189	4/5/2012 0:01:19	10.62	42.061	26.9	9.77	8.05	21.6	3.681	104.2
1190	4/5/2012 0:16:19	10.55	39.175	24.87	9.65	8.01	32.4	3.61	101.4
1191	4/5/2012 0:31:19	10.47	36.977	23.34	9.67	7.98	22.6	3.535	100.5
1192	4/5/2012 0:46:19	10.53	38.575	24.45	9.7	8.01	31.4	3.442	101.6
1193	4/5/2012 1:01:19	10.54	37.212	23.5	9.67	7.98	17.8	3.312	100.8
1194	4/5/2012 1:16:19	10.49	36.849	23.25	9.68	7.97	18	3.217	100.6
1195	4/5/2012 1:31:19	10.58	36.9	23.29	9.67	7.97	35.4	3.091	100.7
1196	4/5/2012 1:46:19	10.66	36.231	22.83	9.64	7.96	38.4	2.974	100.3
1197	4/5/2012 2:01:19	10.75	36.986	23.35	9.62	7.97	28	2.853	100.6
1198	4/5/2012 2:16:19	10.5	35.091	22.03	9.64	7.94	18.9	2.716	99.4
1199	4/5/2012 2:31:19	10.54	35.269	22.16	9.61	7.94	16.2	2.605	99.2
1200	4/5/2012 2:46:19	10.6	34.743	21.8	9.58	7.93	21.6	2.486	98.8
1201	4/5/2012 3:01:19	10.58	34.695	21.76	9.58	7.93	21.1	2.357	98.8
1202	4/5/2012 3:16:20	10.54	34.476	21.61	9.54	7.95	17.5	2.223	98.2
1203	4/5/2012 3:31:19	10.5	34.213	21.43	9.56	7.92	16.8	2.115	98.2
1204	4/5/2012 3:46:20	10.5	33.808	21.15	9.56	7.94	16.5	1.984	98
1205	4/5/2012 4:01:19	10.53	33.38	20.86	9.57	7.91	17.6	1.865	98
1206	4/5/2012 4:16:19	10.54	33.177	20.72	9.59	7.91	15.5	1.762	98.1
1207	4/5/2012 4:31:19	10.58	32.966	20.58	9.59	7.91	15.1	1.694	98.2
1208	4/5/2012 4:46:19	10.58	32.805	20.47	9.6	7.90	21.1	1.609	98.2
1209	4/5/2012 5:01:19	10.56	32.69	20.39	9.64	7.91	15.5	1.565	98.5
1210	4/5/2012 5:16:20	10.53	32.891	20.52	9.52	7.93	14.2	1.569	97.3
1211	4/5/2012 5:31:19	10.49	33.012	20.61	9.57	7.90	13.6	1.591	97.7
1212	4/5/2012 5:46:19	10.5	33.151	20.7	9.56	7.90	13.6	1.621	97.8
1213	4/5/2012 6:01:19	10.51	33.223	20.75	9.54	7.90	14.8	1.669	97.6
1214	4/5/2012 6:16:19	10.55	33.305	20.81	9.53	7.90	14.4	1.745	97.6
1215	4/5/2012 6:31:20	10.5	32.634	20.35	9.55	7.91	14.8	1.807	97.5
1216	4/5/2012 6:46:19	10.55	32.712	20.4	9.53	7.88	15.9	1.885	97.4
1217	4/5/2012 7:01:19	10.56	32.824	20.48	9.54	7.88	15.3	1.976	97.5
1218	4/5/2012 7:16:20	10.61	33.478	20.93	9.51	7.92	16.4	2.082	97.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1219	4/5/2012 7:31:19	10.57	33.372	20.86	9.53	7.89	18.7	2.166	97.7
1220	4/5/2012 7:46:19	10.57	33.657	21.05	9.55	7.89	18.6	2.265	98
1221	4/5/2012 8:01:19	10.57	34.276	21.48	9.56	7.91	19.9	2.364	98.4
1222	4/5/2012 8:16:19	10.57	34.623	21.71	9.56	7.91	23.4	2.463	98.6
1223	4/5/2012 8:31:19	10.6	35.703	22.46	9.53	7.93	23.9	2.558	98.8
1224	4/5/2012 8:46:19	10.6	36.44	22.97	9.53	7.94	29.8	2.665	99.1
1225	4/5/2012 9:01:19	10.59	36.713	23.16	9.55	7.95	31.6	2.768	99.4
1226	4/5/2012 9:16:19	10.58	37.106	23.43	9.56	7.95	29.6	2.864	99.6
1227	4/5/2012 9:31:19	10.58	37.59	23.77	9.56	7.96	30.2	2.949	99.9
1228	4/5/2012 9:46:19	10.56	38.176	24.17	9.57	7.97	36.6	3.054	100.2
1229	4/5/2012 10:01:20	10.5	38.587	24.46	9.59	8.00	50.5	3.145	100.4
1230	4/5/2012 10:16:19	10.48	39.479	25.08	9.65	8.00	54.3	3.225	101.5
1231	4/5/2012 10:31:19	10.43	40.05	25.48	9.7	8.01	49.9	3.325	102.1
1232	4/5/2012 10:46:19	10.38	40.727	25.95	9.72	8.02	52.4	3.397	102.5
1233	4/5/2012 11:01:19	10.36	41.34	26.38	9.72	8.03	44.1	3.467	102.7
1234	4/5/2012 11:16:19	10.33	41.645	26.59	9.7	8.03	28.1	3.53	102.6
1235	4/5/2012 11:31:19	10.33	42.142	26.94	9.65	8.04	21.8	3.56	102.3
1236	4/5/2012 11:46:19	10.34	41.849	26.74	9.63	8.04	21.9	3.595	101.9
1237	4/5/2012 12:01:19	10.34	41.894	26.77	9.63	8.04	18.8	3.584	102
1238	4/5/2012 12:16:19	10.36	41.577	26.55	9.68	8.04	20.8	3.558	102.5
1239	4/5/2012 12:31:19	10.89	39.307	24.98	9.88	8.04	20.8	3.516	104.8
1240	4/5/2012 12:46:19	11.14	38.376	24.34	9.73	8.00	17.7	3.436	103.3
1241	4/5/2012 13:01:19	11.39	38.284	24.28	9.82	8.01	17.7	3.335	104.7
1242	4/5/2012 13:16:19	11.29	38.149	24.18	9.75	8.00	15.3	3.243	103.7
1243	4/5/2012 13:31:19	11.26	38.044	24.11	9.76	8.01	14.8	3.134	103.7
1244	4/5/2012 13:46:19	11.51	37.37	23.65	9.79	7.99	14.9	3.028	104.2
1245	4/5/2012 14:01:19	11.6	37.058	23.43	9.88	8.00	13.9	2.912	105.3
1246	4/5/2012 14:16:19	11.58	36.785	23.24	9.91	7.99	14.3	2.802	105.5
1247	4/5/2012 14:31:19	11.93	36.647	23.16	10.09	8.05	17.8	2.676	108.1
1248	4/5/2012 14:46:19	11.85	35.551	22.39	10.25	8.00	14	2.57	109.2
1249	4/5/2012 15:01:19	11.83	35.03	22.03	9.91	8.00	15.5	2.445	105.2
1250	4/5/2012 15:16:20	12.23	35.131	22.11	10.44	8.02	13.4	2.327	111.9
1251	4/5/2012 15:31:19	12.14	34.503	21.68	10.19	8.01	14.2	2.238	108.7
1252	4/5/2012 15:46:19	12.48	34.708	21.83	10.35	8.02	14.4	2.102	111.2
1253	4/5/2012 16:01:19	12.24	34.079	21.39	10.33	8.02	14.5	1.974	110.3
1254	4/5/2012 16:16:19	12.28	33.939	21.29	10.27	8.04	14.5	1.885	109.6
1255	4/5/2012 16:31:19	12.33	33.846	21.23	10.21	8.04	15	1.801	109
1256	4/5/2012 16:46:19	12.32	33.666	21.11	10.2	8.03	14.3	1.693	108.8
1257	4/5/2012 17:01:19	12.26	33.451	20.96	10.1	8.02	13.5	1.646	107.6
1258	4/5/2012 17:16:19	12.19	33.404	20.92	10	7.98	10.8	1.634	106.2
1259	4/5/2012 17:31:19	12.26	33.539	21.02	10.07	8.00	11.9	1.621	107.2
1260	4/5/2012 17:46:19	12.2	33.561	21.03	10.07	7.99	12.6	1.642	107.1
1261	4/5/2012 18:01:19	12.16	33.671	21.11	10.07	7.99	12.6	1.685	107.1
1262	4/5/2012 18:16:19	12.14	33.519	21	10.07	8.00	12.6	1.763	107
1263	4/5/2012 18:31:19	12.08	32.099	20.03	10.04	8.00	18.2	1.838	105.9
1264	4/5/2012 18:46:20	12.04	32.535	20.32	9.99	7.98	13.7	1.912	105.4
1265	4/5/2012 19:01:19	12	32.765	20.48	9.94	7.93	14	2.014	104.9
1266	4/5/2012 19:16:19	12	33.266	20.82	9.94	7.94	14.2	2.108	105.2
1267	4/5/2012 19:31:19	11.85	33.382	20.9	9.87	7.93	19.1	2.206	104.1
1268	4/5/2012 19:46:20	11.69	34.008	21.32	9.78	7.95	19.6	2.31	103.1
1269	4/5/2012 20:01:19	11.6	34.474	21.64	9.74	7.93	23	2.412	102.6
1270	4/5/2012 20:16:19	11.52	35.124	22.09	9.73	7.94	23.9	2.509	102.7
1271	4/5/2012 20:31:19	11.49	35.049	22.04	9.76	7.94	17.3	2.633	102.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1272	4/5/2012 20:46:20	11.36	35.703	22.49	9.75	7.97	17.5	2.721	102.7
1273	4/5/2012 21:01:19	11.29	36.293	22.89	9.73	7.96	17	2.828	102.7
1274	4/5/2012 21:16:19	11.11	38.046	24.1	9.67	7.93	24.6	2.938	102.4
1275	4/5/2012 21:31:19	11.02	39.253	24.94	9.63	7.98	33.9	3.036	102.3
1276	4/5/2012 21:46:19	10.96	39.957	25.44	9.63	7.99	40.2	3.148	102.5
1277	4/5/2012 22:01:19	11	40.688	25.95	9.71	8.01	59.6	3.268	103.8
1278	4/5/2012 22:16:19	10.99	41.222	26.33	9.75	8.02	65.2	3.369	104.5
1279	4/5/2012 22:31:19	10.95	41.854	26.77	9.77	8.03	61.6	3.473	104.9
1280	4/5/2012 22:46:19	10.83	42.783	27.42	9.73	8.04	60.2	3.583	104.6
1281	4/5/2012 23:01:19	10.76	43.68	28.05	9.68	8.05	70.2	3.667	104.3
1282	4/5/2012 23:16:19	10.63	45.052	29.02	9.55	8.05	71.5	3.738	103.3
1283	4/5/2012 23:31:19	10.54	45.466	29.32	9.5	8.05	39	3.811	102.7
1284	4/5/2012 23:46:19	10.51	45.651	29.45	9.47	8.06	27.3	3.847	102.4
1285	4/6/2012 0:01:19	10.52	45.6	29.41	9.42	8.06	22	3.853	101.9
1286	4/6/2012 0:16:20	10.56	45.305	29.2	9.42	8.09	25.2	3.856	101.8
1287	4/6/2012 0:31:19	10.51	45.961	29.67	9.4	8.06	26.6	3.826	101.8
1288	4/6/2012 0:46:19	10.55	45.523	29.36	9.43	8.06	28.5	3.751	102
1289	4/6/2012 1:01:19	10.59	44.418	28.57	9.49	8.05	30.9	3.671	102.2
1290	4/6/2012 1:16:19	10.63	44.066	28.32	9.51	8.06	31.4	3.561	102.3
1291	4/6/2012 1:31:19	10.73	39.38	25.02	9.68	8.03	40.3	3.455	102.3
1292	4/6/2012 1:46:19	10.81	40.888	26.08	9.68	8.04	52.6	3.322	103.1
1293	4/6/2012 2:01:19	10.82	39.881	25.38	9.69	8.03	45.4	3.202	102.8
1294	4/6/2012 2:16:19	10.94	39.651	25.22	9.7	8.03	53.2	3.072	103
1295	4/6/2012 2:31:19	11	38.92	24.71	9.69	8.02	41.5	2.941	102.8
1296	4/6/2012 2:46:19	11	38.079	24.12	9.66	8.01	35.2	2.811	102.1
1297	4/6/2012 3:01:19	10.81	37.286	23.56	9.66	7.99	21.8	2.68	101.3
1298	4/6/2012 3:16:19	10.82	36.837	23.25	9.63	7.98	20	2.523	100.8
1299	4/6/2012 3:31:19	10.94	35.901	22.61	9.61	7.97	27.4	2.373	100.4
1300	4/6/2012 3:46:19	10.84	35.754	22.5	9.58	7.96	20.9	2.23	99.8
1301	4/6/2012 4:01:19	10.81	35.212	22.13	9.55	7.95	20.9	2.097	99.2
1302	4/6/2012 4:16:19	10.89	34.485	21.63	9.59	7.95	22	1.934	99.5
1303	4/6/2012 4:31:19	10.86	34.191	21.43	9.64	7.95	23.1	1.793	99.8
1304	4/6/2012 4:46:19	10.9	33.86	21.2	9.65	7.95	25.2	1.656	99.8
1305	4/6/2012 5:01:19	10.95	33.453	20.92	9.69	7.95	22	1.53	100.2
1306	4/6/2012 5:16:19	10.96	33.44	20.91	9.68	7.94	20.2	1.411	100.1
1307	4/6/2012 5:31:19	10.96	33.263	20.79	9.64	7.94	18.3	1.338	99.7
1308	4/6/2012 5:46:19	10.92	33.286	20.81	9.63	7.94	17.3	1.293	99.5
1309	4/6/2012 6:01:19	10.86	33.388	20.87	9.56	7.93	15.7	1.258	98.6
1310	4/6/2012 6:16:19	10.84	33.52	20.97	9.65	7.94	14.6	1.292	99.6
1311	4/6/2012 6:31:19	10.8	33.683	21.08	9.62	7.93	15.2	1.36	99.3
1312	4/6/2012 6:46:19	10.8	33.752	21.12	9.63	7.93	15.1	1.411	99.3
1313	4/6/2012 7:01:19	10.8	33.806	21.16	9.58	7.92	17.1	1.496	98.9
1314	4/6/2012 7:16:19	10.73	32.935	20.56	9.66	7.91	14.7	1.585	99.2
1315	4/6/2012 7:31:19	10.8	33.078	20.66	9.62	7.91	15.1	1.674	99
1316	4/6/2012 7:46:19	10.87	33.48	20.94	9.6	7.91	15.9	1.762	99.1
1317	4/6/2012 8:01:19	10.91	33.714	21.1	9.66	7.92	15	1.859	100
1318	4/6/2012 8:16:19	10.91	33.906	21.23	9.6	7.91	16.9	1.963	99.4
1319	4/6/2012 8:31:20	10.9	34.562	21.68	9.59	7.96	17.8	2.062	99.5
1320	4/6/2012 8:46:19	10.87	34.617	21.72	9.59	7.93	18.5	2.176	99.5
1321	4/6/2012 9:01:19	10.86	35.341	22.22	9.61	7.94	21.7	2.29	100
1322	4/6/2012 9:16:19	10.93	36.842	23.26	9.58	7.96	24.2	2.401	100.6
1323	4/6/2012 9:31:19	10.9	37.227	23.53	9.57	7.97	30.4	2.516	100.6
1324	4/6/2012 9:46:19	10.89	37.557	23.76	9.57	7.97	30.5	2.63	100.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1325	4/6/2012 10:01:19	10.86	37.875	23.98	9.56	7.97	30.3	2.735	100.7
1326	4/6/2012 10:16:19	10.83	38.092	24.13	9.58	7.97	36.5	2.841	100.8
1327	4/6/2012 10:31:19	10.78	38.491	24.4	9.57	7.98	38.1	2.943	100.8
1328	4/6/2012 10:46:19	10.72	39.231	24.92	9.56	7.99	53.5	3.034	100.9
1329	4/6/2012 11:01:19	10.64	40.579	25.86	9.63	8.01	64.6	3.128	102.1
1330	4/6/2012 11:16:19	10.57	41.318	26.38	9.66	8.02	57.4	3.221	102.5
1331	4/6/2012 11:31:19	10.56	41.935	26.81	9.65	8.03	46.2	3.306	102.7
1332	4/6/2012 11:46:20	10.53	42.421	27.15	9.62	8.08	46.1	3.394	102.5
1333	4/6/2012 12:01:19	10.41	43.46	27.88	9.58	8.04	54.7	3.467	102.3
	Mean	10.75	39.27	24.96	9.36	7.97	14.15	2.73	98.91
	Minimum	10.01	30.98	19.23	8.81	7.82	4.60	1.26	93.40
	Maximum	12.72	47.68	30.88	10.44	8.21	85.70	3.86	111.90

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
0	4/6/2012 12:46:33	10.34	43.70	28.05	9.14	7.93	18.8	3.259	97.6
1	4/6/2012 13:01:33	10.25	44.64	28.71	9.16	7.94	24.1	3.244	98.0
2	4/6/2012 13:16:33	10.53	43.16	27.67	9.18	7.94	18.4	3.218	98.2
3	4/6/2012 13:31:32	10.75	41.90	26.80	9.32	7.92	24.9	3.150	99.6
4	4/6/2012 13:46:33	11.20	40.01	25.48	9.36	7.96	23.6	3.060	100.2
5	4/6/2012 14:01:32	11.33	39.38	25.05	9.38	7.94	18.1	3.218	100.5
6	4/6/2012 14:16:32	11.16	39.62	25.21	9.34	7.94	29.3	3.086	99.7
7	4/6/2012 14:31:33	11.45	38.94	24.74	9.41	7.92	18.0	2.976	100.8
8	4/6/2012 14:46:33	11.68	38.38	24.36	9.44	7.87	15.5	2.862	101.4
9	4/6/2012 15:01:32	11.90	37.46	23.72	9.53	7.95	19.6	2.749	102.4
10	4/6/2012 15:16:32	11.88	37.19	23.54	9.68	7.98	15.2	2.632	103.9
11	4/6/2012 15:31:32	12.25	37.16	23.52	10.17	8.03	14.2	2.515	110.0
12	4/6/2012 15:46:32	12.06	35.50	22.36	9.65	7.91	17.2	2.409	103.2
13	4/6/2012 16:01:33	12.20	35.16	22.13	9.85	7.92	14.6	2.280	105.5
14	4/6/2012 16:16:33	12.45	35.10	22.10	9.98	7.91	13.3	2.164	107.4
15	4/6/2012 16:31:33	12.58	34.85	21.93	9.87	7.94	12.5	2.038	106.5
16	4/6/2012 16:46:33	12.65	34.50	21.69	9.91	7.94	12.3	1.931	106.9
17	4/6/2012 17:01:33	12.68	34.28	21.53	9.99	7.94	12.5	1.823	107.7
18	4/6/2012 17:16:33	12.67	34.21	21.49	9.94	7.93	12.5	1.728	107.1
19	4/6/2012 17:31:33	12.63	34.10	21.41	9.89	7.89	11.8	1.674	106.4
20	4/6/2012 17:46:33	12.61	33.95	21.30	9.81	7.91	11.0	1.618	105.4
21	4/6/2012 18:01:33	12.67	34.04	21.37	9.84	7.91	11.0	1.597	105.9
22	4/6/2012 18:16:33	12.37	34.30	21.54	9.63	7.89	10.8	1.605	103.2
23	4/6/2012 18:31:32	12.40	34.29	21.54	9.70	7.91	11.9	1.640	104.0
24	4/6/2012 18:46:32	12.52	34.05	21.38	9.80	7.93	10.5	1.680	105.2
25	4/6/2012 19:01:32	12.51	34.13	21.43	9.80	7.92	11.5	1.752	105.2
26	4/6/2012 19:16:33	12.53	33.06	20.69	9.76	7.82	11.4	1.837	104.3
27	4/6/2012 19:31:33	12.46	33.55	21.03	9.71	7.85	11.2	1.934	103.8
28	4/6/2012 19:46:33	12.36	34.01	21.34	9.64	7.82	14.1	2.031	103.1
29	4/6/2012 20:01:33	12.26	33.70	21.12	9.56	7.86	16.7	2.122	101.9
30	4/6/2012 20:16:32	12.15	34.72	21.83	9.50	7.84	16.4	2.245	101.5
31	4/6/2012 20:31:32	12.08	35.01	22.03	9.51	7.88	14.4	2.350	101.5
32	4/6/2012 20:46:33	11.82	36.64	23.15	9.39	7.86	20.3	2.433	100.4
33	4/6/2012 21:01:33	11.71	37.20	23.53	9.36	7.89	15.9	2.551	100.1
34	4/6/2012 21:16:33	11.65	37.19	23.53	9.38	7.89	15.5	2.652	100.1
35	4/6/2012 21:31:33	11.47	38.44	24.39	9.34	7.91	19.7	2.754	99.9
36	4/6/2012 21:46:33	11.31	39.89	25.40	9.28	7.85	24.5	2.854	99.5
37	4/6/2012 22:01:33	11.20	40.52	25.84	9.26	7.90	26.7	2.966	99.3
38	4/6/2012 22:16:33	11.17	41.01	26.18	9.25	7.93	34.4	3.077	99.4
39	4/6/2012 22:31:32	11.10	41.76	26.71	9.27	7.89	61.8	3.187	99.8
40	4/6/2012 22:46:32	11.00	42.96	27.56	9.30	7.94	54.0	3.306	100.5
41	4/6/2012 23:01:33	10.96	43.63	28.03	9.35	7.90	41.8	3.419	101.1
42	4/6/2012 23:16:33	10.95	43.99	28.28	9.36	7.90	37.5	3.533	101.4
43	4/6/2012 23:31:33	10.87	44.81	28.86	9.32	7.93	44.3	3.626	101.2
44	4/6/2012 23:46:33	10.70	45.57	29.40	9.24	7.94	35.4	3.720	100.3
45	4/7/2012 0:01:33	10.58	46.25	29.88	9.14	7.95	28.1	3.799	99.3
46	4/7/2012 0:16:33	10.49	46.60	30.13	9.05	7.95	20.9	3.845	98.2
47	4/7/2012 0:31:33	10.45	46.83	30.28	9.02	7.98	19.8	3.892	97.9
48	4/7/2012 0:46:33	10.46	46.77	30.24	8.97	7.94	14.9	3.912	97.4
49	4/7/2012 1:01:33	10.49	46.64	30.15	9.03	7.93	23.0	3.885	98.0
50	4/7/2012 1:16:33	10.46	46.65	30.16	9.02	7.98	18.8	3.850	97.9
51	4/7/2012 1:31:33	10.61	45.03	29.01	9.13	7.97	24.4	3.784	98.7
52	4/7/2012 1:46:32	10.73	41.94	26.82	9.23	7.93	21.3	3.687	98.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
53	4/7/2012 2:01:33	10.68	44.68	28.76	9.16	7.94	22.2	3.569	99.0
54	4/7/2012 2:16:32	10.84	42.66	27.33	9.24	7.99	25.4	3.434	99.3
55	4/7/2012 2:31:33	10.99	41.20	26.31	9.28	7.91	31.8	3.297	99.4
56	4/7/2012 2:46:33	11.07	40.83	26.05	9.29	7.88	34.1	3.157	99.5
57	4/7/2012 3:01:33	11.15	40.93	26.13	9.29	7.94	29.3	3.006	99.8
58	4/7/2012 3:16:33	11.20	40.73	25.99	9.29	7.88	30.4	2.854	99.8
59	4/7/2012 3:31:33	11.25	40.07	25.53	9.30	7.90	32.1	2.711	99.7
60	4/7/2012 3:46:33	11.33	38.93	24.73	9.30	7.90	29.7	2.561	99.3
61	4/7/2012 4:01:33	11.26	37.91	24.01	9.27	7.87	20.6	2.414	98.4
62	4/7/2012 4:16:33	11.30	37.81	23.95	9.24	7.87	20.0	2.243	98.1
63	4/7/2012 4:31:33	11.32	37.46	23.70	9.23	7.91	21.9	2.098	98.0
64	4/7/2012 4:46:33	11.32	37.14	23.48	9.21	7.90	22.5	1.929	97.6
65	4/7/2012 5:01:32	11.34	36.62	23.12	9.20	7.87	21.5	1.751	97.3
66	4/7/2012 5:16:33	11.56	35.85	22.59	9.25	7.86	23.9	1.584	98.0
67	4/7/2012 5:31:33	11.63	35.30	22.22	9.28	7.84	22.5	1.432	98.2
68	4/7/2012 5:46:33	11.64	35.11	22.08	9.28	7.86	22.5	1.288	98.2
69	4/7/2012 6:01:33	11.67	34.79	21.86	9.28	7.88	22.5	1.153	98.1
70	4/7/2012 6:16:33	11.69	34.65	21.76	9.25	7.85	27.4	1.051	97.8
71	4/7/2012 6:31:33	11.69	34.45	21.63	9.22	7.88	20.6	0.986	97.3
72	4/7/2012 6:46:33	11.63	34.93	21.96	9.18	7.84	22.4	0.969	97.0
73	4/7/2012 7:01:33	11.54	35.06	22.05	9.21	7.85	18.6	1.009	97.2
74	4/7/2012 7:16:33	11.53	35.19	22.13	9.18	7.85	20.4	1.089	96.9
75	4/7/2012 7:31:33	11.52	35.14	22.10	9.24	7.88	13.7	1.179	97.5
76	4/7/2012 7:46:33	11.53	35.33	22.23	9.19	7.81	14.1	1.267	97.1
77	4/7/2012 8:01:33	11.44	34.49	21.65	9.20	7.84	13.0	1.347	96.7
78	4/7/2012 8:16:33	11.48	34.87	21.91	9.16	7.79	13.5	1.445	96.4
79	4/7/2012 8:31:33	11.48	35.19	22.14	9.17	7.80	14.5	1.540	96.7
80	4/7/2012 8:46:33	11.49	35.52	22.36	9.14	7.84	14.2	1.620	96.5
81	4/7/2012 9:01:33	11.47	35.99	22.69	9.13	7.87	13.3	1.716	96.6
82	4/7/2012 9:16:33	11.41	35.79	22.54	9.19	7.84	15.0	1.836	97.0
83	4/7/2012 9:31:32	11.36	35.70	22.48	9.22	7.85	16.3	1.949	97.2
84	4/7/2012 9:46:33	11.33	37.28	23.58	9.20	7.87	18.8	2.050	97.6
85	4/7/2012 10:01:33	11.34	37.45	23.69	9.23	7.84	20.0	2.174	98.0
86	4/7/2012 10:16:33	11.35	37.97	24.06	9.25	7.88	23.4	2.296	98.5
87	4/7/2012 10:31:33	11.32	38.26	24.26	9.24	7.88	27.7	2.411	98.4
88	4/7/2012 10:46:33	11.32	38.27	24.27	9.26	7.88	31.9	2.530	98.6
89	4/7/2012 11:01:33	11.26	38.71	24.57	9.25	7.84	31.7	2.641	98.6
90	4/7/2012 11:16:33	11.20	39.21	24.92	9.23	7.87	36.4	2.748	98.5
91	4/7/2012 11:31:33	11.15	39.77	25.31	9.22	7.85	39.4	2.855	98.5
92	4/7/2012 11:46:33	10.97	41.35	26.41	9.20	7.89	43.7	2.951	98.6
93	4/7/2012 12:01:33	10.92	42.39	27.15	9.20	7.90	35.2	3.057	98.9
94	4/7/2012 12:16:33	10.88	42.73	27.39	9.20	7.92	30.7	3.143	98.9
95	4/7/2012 12:31:32	10.84	43.21	27.73	9.17	7.92	26.6	3.233	98.8
96	4/7/2012 12:46:33	10.80	43.87	28.19	9.14	7.93	25.0	3.325	98.7
97	4/7/2012 13:01:33	10.62	44.62	28.72	9.06	7.96	33.5	3.389	97.7
98	4/7/2012 13:16:33	10.50	45.52	29.35	8.97	7.90	27.1	3.433	96.9
99	4/7/2012 13:31:33	10.47	45.75	29.51	8.94	7.97	15.0	3.475	96.6
100	4/7/2012 13:46:33	10.49	45.68	29.47	8.91	7.92	18.8	3.489	96.3
101	4/7/2012 14:01:33	10.47	45.88	29.60	8.91	7.93	22.0	3.462	96.4
102	4/7/2012 14:16:33	10.54	45.41	29.28	8.98	7.97	24.1	3.414	97.0
103	4/7/2012 14:31:33	11.30	41.61	26.61	9.30	7.88	21.7	3.347	100.5
104	4/7/2012 14:46:33	11.11	42.47	27.21	9.17	7.95	21.4	3.254	99.1
105	4/7/2012 15:01:33	11.28	41.75	26.71	9.23	7.92	23.4	3.152	99.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
106	4/7/2012 15:16:33	11.48	41.09	26.26	9.30	7.94	21.6	3.024	100.7
107	4/7/2012 15:31:33	11.59	40.66	25.95	9.34	7.87	15.8	2.917	101.1
108	4/7/2012 15:46:33	11.75	39.74	25.31	9.40	7.91	14.2	2.807	101.7
109	4/7/2012 16:01:33	11.75	39.67	25.26	9.44	7.92	13.3	2.692	102.1
110	4/7/2012 16:16:33	11.78	39.45	25.11	9.41	7.90	15.9	2.576	101.8
111	4/7/2012 16:31:33	11.90	38.86	24.70	9.57	7.91	13.4	2.461	103.4
112	4/7/2012 16:46:33	11.99	37.69	23.88	9.48	7.92	15.6	2.368	102.2
113	4/7/2012 17:01:33	12.15	37.44	23.72	9.68	7.88	12.5	2.254	104.6
114	4/7/2012 17:16:33	12.18	36.89	23.33	9.66	7.92	12.5	2.154	104.2
115	4/7/2012 17:31:33	12.28	37.02	23.42	9.98	7.91	11.6	2.046	107.9
116	4/7/2012 17:46:33	12.36	36.65	23.17	9.89	7.93	11.1	1.960	107.0
117	4/7/2012 18:01:33	12.36	36.58	23.12	9.82	7.90	11.6	1.873	106.2
118	4/7/2012 18:16:33	12.33	36.49	23.06	9.85	7.95	11.7	1.791	106.4
119	4/7/2012 18:31:33	12.38	36.13	22.81	9.68	7.87	11.2	1.760	104.5
120	4/7/2012 18:46:33	12.41	36.13	22.81	9.52	7.94	10.4	1.733	102.8
121	4/7/2012 19:01:33	12.37	36.08	22.77	9.56	7.90	9.9	1.724	103.2
122	4/7/2012 19:16:33	12.31	36.44	23.02	9.64	7.90	10.4	1.762	104.1
123	4/7/2012 19:31:33	12.24	36.50	23.06	9.50	7.91	12.3	1.801	102.5
124	4/7/2012 19:46:33	12.12	36.82	23.28	9.41	7.91	12.6	1.880	101.4
125	4/7/2012 20:01:33	12.29	35.89	22.64	9.51	7.90	15.8	1.971	102.4
126	4/7/2012 20:16:33	12.10	36.74	23.22	9.41	7.86	15.1	2.075	101.2
127	4/7/2012 20:31:32	12.01	37.42	23.70	9.35	7.88	19.9	2.188	100.7
128	4/7/2012 20:46:33	11.96	37.78	23.95	9.32	7.90	17.2	2.292	100.4
129	4/7/2012 21:01:33	11.87	38.24	24.26	9.31	7.88	15.9	2.392	100.4
130	4/7/2012 21:16:33	11.72	39.08	24.85	9.27	7.89	19.2	2.512	99.9
131	4/7/2012 21:31:33	11.70	39.15	24.90	9.27	7.88	17.2	2.608	99.9
132	4/7/2012 21:46:33	11.59	39.87	25.40	9.24	7.85	14.2	2.707	99.7
133	4/7/2012 22:01:33	11.39	41.19	26.32	9.16	7.88	17.0	2.812	99.0
134	4/7/2012 22:16:33	11.29	41.85	26.78	9.13	7.89	23.0	2.906	98.7
135	4/7/2012 22:31:33	11.25	42.12	26.97	9.11	7.91	32.9	3.024	98.6
136	4/7/2012 22:46:33	11.21	42.42	27.18	9.12	7.90	32.7	3.128	98.7
137	4/7/2012 23:01:33	11.03	43.43	27.89	9.14	7.94	31.1	3.256	98.9
138	4/7/2012 23:16:33	10.93	44.06	28.33	9.15	7.95	32.4	3.380	99.1
139	4/7/2012 23:31:33	10.83	44.91	28.93	9.18	7.97	27.5	3.491	99.6
140	4/7/2012 23:46:33	10.77	45.38	29.26	9.20	7.97	28.0	3.615	99.9
141	4/8/2012 0:01:33	10.62	45.80	29.56	9.13	7.98	26.0	3.716	99.1
142	4/8/2012 0:16:33	10.50	46.27	29.89	9.03	7.97	22.9	3.825	97.9
143	4/8/2012 0:31:33	10.37	46.70	30.19	8.95	7.97	19.7	3.906	97.0
144	4/8/2012 0:46:33	10.32	46.77	30.24	8.92	7.91	17.9	3.963	96.6
145	4/8/2012 1:01:33	10.26	46.90	30.32	8.91	7.98	14.2	4.021	96.4
146	4/8/2012 1:16:33	10.26	46.91	30.34	8.92	7.95	12.2	4.048	96.5
147	4/8/2012 1:31:33	10.42	46.38	29.96	8.92	7.94	15.6	4.042	96.5
148	4/8/2012 1:46:33	10.67	45.19	29.13	9.08	7.97	15.0	4.038	98.3
149	4/8/2012 2:01:33	10.62	45.44	29.30	9.00	7.91	15.3	3.959	97.5
150	4/8/2012 2:16:33	10.66	44.69	28.76	9.06	7.96	13.7	3.887	97.9
151	4/8/2012 2:31:33	10.84	43.06	27.62	9.05	7.95	14.1	3.800	97.5
152	4/8/2012 2:46:33	10.75	43.41	27.86	9.02	7.93	18.4	3.646	97.1
153	4/8/2012 3:01:33	11.01	41.90	26.81	9.09	7.92	21.3	3.520	97.7
154	4/8/2012 3:16:33	11.08	41.78	26.72	9.09	7.92	24.2	3.389	97.8
155	4/8/2012 3:31:33	11.14	41.47	26.50	9.10	7.91	28.9	3.237	97.9
156	4/8/2012 3:46:33	11.10	42.35	27.13	9.09	7.95	22.4	3.089	98.1
157	4/8/2012 4:01:33	11.14	42.50	27.23	9.10	7.94	24.5	2.944	98.4
158	4/8/2012 4:16:33	11.24	41.68	26.66	9.10	7.93	27.7	2.775	98.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
159	4/8/2012 4:31:33	11.32	41.11	26.26	9.08	7.89	25.5	2.638	97.9
160	4/8/2012 4:46:33	11.39	40.02	25.50	9.07	7.92	22.1	2.495	97.5
161	4/8/2012 5:01:33	11.36	40.03	25.50	9.04	7.88	19.4	2.303	97.2
162	4/8/2012 5:16:33	11.39	39.91	25.42	9.02	7.87	20.2	2.142	96.9
163	4/8/2012 5:31:33	11.43	39.63	25.22	9.00	7.90	21.4	1.982	96.7
164	4/8/2012 5:46:33	11.42	39.47	25.11	9.00	7.86	22.4	1.801	96.5
165	4/8/2012 6:01:33	11.56	38.92	24.73	8.98	7.87	25.0	1.625	96.4
166	4/8/2012 6:16:33	11.66	38.26	24.27	8.98	7.82	26.3	1.460	96.4
167	4/8/2012 6:31:33	11.75	37.68	23.87	9.01	7.84	25.3	1.296	96.7
168	4/8/2012 6:46:33	11.82	37.19	23.53	9.00	7.84	24.0	1.144	96.5
169	4/8/2012 7:01:33	11.85	36.94	23.36	8.96	7.81	21.7	1.025	95.9
170	4/8/2012 7:16:33	11.87	36.72	23.20	8.84	7.84	14.7	0.933	94.6
171	4/8/2012 7:31:33	11.83	36.80	23.26	8.90	7.84	17.7	0.876	95.3
172	4/8/2012 7:46:33	11.78	37.30	23.60	8.89	7.84	16.3	0.933	95.3
173	4/8/2012 8:01:33	11.75	37.40	23.68	8.92	7.81	15.8	0.995	95.6
174	4/8/2012 8:16:33	11.76	37.44	23.70	8.94	7.87	13.2	1.088	95.8
175	4/8/2012 8:31:32	11.76	37.36	23.64	8.96	7.86	13.3	1.193	96.0
176	4/8/2012 8:46:33	11.69	36.19	22.83	8.96	7.82	12.7	1.301	95.4
177	4/8/2012 9:01:33	11.67	36.56	23.09	8.94	7.85	13.3	1.401	95.2
178	4/8/2012 9:16:33	11.65	36.91	23.33	8.93	7.82	12.9	1.474	95.2
179	4/8/2012 9:31:33	11.65	37.25	23.57	8.91	7.86	12.7	1.575	95.2
180	4/8/2012 9:46:33	11.64	37.63	23.84	8.92	7.83	13.0	1.677	95.4
181	4/8/2012 10:01:33	11.57	37.91	24.02	8.92	7.83	13.4	1.770	95.4
182	4/8/2012 10:16:33	11.53	38.24	24.26	8.95	7.88	13.7	1.865	95.7
183	4/8/2012 10:31:33	11.48	39.15	24.89	8.99	7.89	15.6	1.982	96.5
184	4/8/2012 10:46:33	11.48	39.04	24.81	9.02	7.89	18.0	2.093	96.7
185	4/8/2012 11:01:33	11.47	39.32	25.01	9.04	7.84	18.1	2.212	97.1
186	4/8/2012 11:16:33	11.46	39.47	25.11	9.06	7.84	21.5	2.337	97.2
187	4/8/2012 11:31:33	11.44	39.56	25.17	9.06	7.91	22.5	2.449	97.3
188	4/8/2012 11:46:33	11.41	39.86	25.38	9.05	7.84	25.2	2.557	97.3
189	4/8/2012 12:01:33	11.34	40.35	25.73	9.04	7.87	35.0	2.669	97.3
190	4/8/2012 12:16:33	11.31	40.65	25.93	9.05	7.87	33.0	2.764	97.3
191	4/8/2012 12:31:33	11.16	41.66	26.64	9.05	7.86	33.7	2.862	97.5
192	4/8/2012 12:46:33	11.02	42.50	27.23	9.05	7.86	31.1	2.969	97.6
193	4/8/2012 13:01:33	10.97	42.93	27.53	9.05	7.94	26.7	3.057	97.7
194	4/8/2012 13:16:33	10.91	43.20	27.72	9.06	7.91	28.2	3.151	97.7
195	4/8/2012 13:31:33	10.83	43.54	27.96	9.09	7.95	24.1	3.242	98.0
196	4/8/2012 13:46:33	10.76	43.79	28.13	9.13	7.93	20.1	3.316	98.4
197	4/8/2012 14:01:33	10.69	44.28	28.48	9.13	7.96	17.5	3.385	98.4
198	4/8/2012 14:16:33	10.65	44.46	28.60	9.16	7.92	15.7	3.429	98.8
199	4/8/2012 14:31:33	10.62	44.45	28.60	9.11	7.94	10.8	3.454	98.2
200	4/8/2012 14:46:33	10.66	44.42	28.57	9.08	7.96	15.3	3.456	98.0
201	4/8/2012 15:01:33	10.62	44.61	28.71	9.18	7.94	15.5	3.420	99.0
202	4/8/2012 15:16:33	10.77	43.88	28.19	9.16	7.94	17.7	3.370	98.8
203	4/8/2012 15:31:33	11.16	42.58	27.29	9.16	7.88	15.9	3.308	99.0
204	4/8/2012 15:46:33	11.27	42.10	26.96	9.14	7.90	14.9	3.206	98.9
205	4/8/2012 16:01:33	11.28	41.80	26.75	9.09	7.90	15.6	3.090	98.2
206	4/8/2012 16:16:33	11.27	41.94	26.84	9.11	7.90	14.8	2.999	98.5
207	4/8/2012 16:31:33	11.28	41.82	26.76	9.12	7.91	13.5	2.869	98.6
208	4/8/2012 16:46:33	11.40	41.15	26.29	9.14	7.89	12.5	2.773	98.8
209	4/8/2012 17:01:33	11.44	40.90	26.11	9.16	7.91	12.0	2.678	98.9
210	4/8/2012 17:16:33	11.43	40.88	26.10	9.21	7.94	11.4	2.576	99.5
211	4/8/2012 17:31:33	11.55	40.21	25.63	9.24	7.89	11.7	2.461	99.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
212	4/8/2012 17:46:33	11.69	39.17	24.91	9.18	7.87	12.3	2.376	99.0
213	4/8/2012 18:01:33	11.64	39.57	25.19	9.26	7.91	10.3	2.283	99.8
214	4/8/2012 18:16:33	11.74	38.84	24.68	9.26	7.91	10.8	2.192	99.8
215	4/8/2012 18:31:33	11.69	39.43	25.10	9.40	7.94	10.2	2.100	101.5
216	4/8/2012 18:46:33	11.78	38.83	24.67	9.35	7.87	9.9	2.028	100.9
217	4/8/2012 19:01:33	11.83	38.47	24.42	9.29	7.88	10.0	1.978	100.2
218	4/8/2012 19:16:33	11.87	38.10	24.17	9.18	7.84	9.8	1.916	98.8
219	4/8/2012 19:31:33	11.91	37.94	24.05	9.14	7.84	9.6	1.884	98.4
220	4/8/2012 19:46:33	11.73	38.91	24.73	9.18	7.89	9.4	1.885	98.9
221	4/8/2012 20:01:33	11.80	38.37	24.35	9.17	7.90	8.9	1.917	98.7
222	4/8/2012 20:16:33	11.78	38.49	24.44	9.15	7.87	10.3	1.945	98.5
223	4/8/2012 20:31:33	11.75	38.60	24.51	9.10	7.87	10.8	2.016	98.0
224	4/8/2012 20:46:33	11.77	38.08	24.15	9.13	7.87	15.0	2.089	98.1
225	4/8/2012 21:01:33	11.71	38.55	24.47	9.09	7.87	13.1	2.189	97.7
226	4/8/2012 21:16:33	11.69	38.89	24.72	9.07	7.87	13.0	2.292	97.7
227	4/8/2012 21:31:33	11.66	38.97	24.77	9.09	7.84	13.3	2.396	97.8
228	4/8/2012 21:46:33	11.54	39.87	25.40	9.07	7.88	13.0	2.492	97.7
229	4/8/2012 22:01:33	11.43	40.72	25.99	9.05	7.89	16.4	2.594	97.7
230	4/8/2012 22:16:33	11.40	40.76	26.02	9.05	7.92	14.2	2.691	97.7
231	4/8/2012 22:31:33	11.32	41.32	26.41	9.06	7.90	16.4	2.784	97.8
232	4/8/2012 22:46:33	11.24	41.70	26.67	9.07	7.93	20.2	2.883	97.9
233	4/8/2012 23:01:33	11.18	41.91	26.82	9.09	7.90	20.2	2.979	98.1
234	4/8/2012 23:16:33	11.10	42.27	27.07	9.10	7.94	18.9	3.086	98.2
235	4/8/2012 23:31:33	11.04	42.49	27.23	9.11	7.87	18.3	3.206	98.3
236	4/8/2012 23:46:33	10.92	43.05	27.61	9.15	7.90	18.6	3.318	98.6
237	4/9/2012 0:01:33	10.78	43.87	28.19	9.22	7.96	20.6	3.443	99.5
238	4/9/2012 0:16:33	10.69	44.46	28.60	9.28	7.97	20.4	3.554	100.2
239	4/9/2012 0:31:33	10.63	44.79	28.84	9.32	7.94	19.1	3.663	100.7
240	4/9/2012 0:46:33	10.59	45.03	29.01	9.38	7.98	17.0	3.764	101.3
241	4/9/2012 1:01:33	10.55	45.37	29.25	9.41	7.92	14.6	3.862	101.7
242	4/9/2012 1:16:33	10.52	45.48	29.33	9.43	7.93	12.3	3.940	101.9
243	4/9/2012 1:31:33	10.47	45.37	29.24	9.47	8.00	11.9	4.003	102.2
244	4/9/2012 1:46:33	10.45	45.45	29.30	9.45	8.00	10.3	4.043	102.0
245	4/9/2012 2:01:33	10.44	45.29	29.18	9.46	7.93	9.5	4.080	102.0
246	4/9/2012 2:16:33	10.57	44.92	28.93	9.30	7.99	10.8	4.074	100.3
247	4/9/2012 2:31:33	10.50	45.37	29.25	9.44	7.93	14.4	4.016	101.9
248	4/9/2012 2:46:33	10.52	45.26	29.17	9.43	7.96	11.5	3.978	101.8
249	4/9/2012 3:01:33	10.62	44.72	28.79	9.29	7.91	11.6	3.892	100.2
250	4/9/2012 3:16:33	10.71	43.87	28.19	9.23	7.96	11.7	3.772	99.4
251	4/9/2012 3:31:33	10.80	42.17	26.99	9.13	7.91	12.1	3.659	97.8
252	4/9/2012 3:46:33	10.91	41.46	26.49	9.10	7.93	12.3	3.532	97.4
253	4/9/2012 4:01:33	10.88	42.60	27.30	9.16	7.91	16.7	3.390	98.4
254	4/9/2012 4:16:33	10.90	42.48	27.21	9.14	7.95	19.2	3.244	98.3
255	4/9/2012 4:31:33	11.05	42.02	26.89	9.09	7.87	20.0	3.117	97.8
256	4/9/2012 4:46:33	11.04	42.07	26.93	9.09	7.90	19.3	2.961	97.8
257	4/9/2012 5:01:33	11.12	41.39	26.45	9.02	7.93	19.2	2.813	97.0
258	4/9/2012 5:16:33	11.16	40.64	25.93	8.99	7.89	17.0	2.681	96.4
259	4/9/2012 5:31:33	11.14	40.71	25.97	8.97	7.85	16.5	2.517	96.2
260	4/9/2012 5:46:33	11.14	40.71	25.97	8.93	7.84	16.6	2.353	95.8
261	4/9/2012 6:01:33	11.17	40.43	25.78	8.90	7.86	16.6	2.207	95.4
262	4/9/2012 6:16:33	11.19	40.24	25.64	8.88	7.83	18.6	2.042	95.1
263	4/9/2012 6:31:33	11.26	39.81	25.35	8.87	7.82	22.4	1.870	94.9
264	4/9/2012 6:46:33	11.24	39.58	25.18	8.82	7.88	22.4	1.686	94.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
265	4/9/2012 7:01:33	11.36	39.12	24.86	8.84	7.81	21.4	1.522	94.5
266	4/9/2012 7:16:33	11.42	38.79	24.63	8.82	7.84	21.1	1.357	94.3
267	4/9/2012 7:31:33	11.49	38.35	24.33	8.78	7.86	20.0	1.206	93.9
268	4/9/2012 7:46:33	11.51	38.12	24.17	8.73	7.83	19.7	1.076	93.3
269	4/9/2012 8:01:33	11.52	37.97	24.07	8.68	7.78	18.6	0.958	92.8
270	4/9/2012 8:16:33	11.50	37.92	24.03	8.63	7.82	16.4	0.867	92.2
271	4/9/2012 8:31:33	11.49	38.08	24.14	8.68	7.83	20.5	0.877	92.7
272	4/9/2012 8:46:33	11.47	38.21	24.23	8.69	7.82	20.9	0.916	92.8
273	4/9/2012 9:01:33	11.46	38.38	24.35	8.68	7.79	19.0	1.004	92.8
274	4/9/2012 9:16:33	11.46	38.41	24.37	8.72	7.83	16.2	1.114	93.2
275	4/9/2012 9:31:33	11.44	38.05	24.12	8.76	7.78	13.9	1.214	93.4
276	4/9/2012 9:46:33	11.38	36.83	23.27	8.77	7.79	13.9	1.314	93.0
277	4/9/2012 10:01:33	11.38	37.42	23.68	8.74	7.83	13.3	1.382	92.9
278	4/9/2012 10:16:33	11.39	37.80	23.95	8.73	7.83	12.6	1.488	92.9
279	4/9/2012 10:31:33	11.39	37.93	24.04	8.72	7.84	12.9	1.583	92.9
280	4/9/2012 10:46:33	11.38	38.14	24.18	8.72	7.84	13.0	1.661	92.9
281	4/9/2012 11:01:33	11.34	38.60	24.50	8.75	7.81	13.5	1.763	93.3
282	4/9/2012 11:16:33	11.29	39.32	25.00	8.78	7.86	13.5	1.872	93.8
283	4/9/2012 11:31:33	11.26	39.97	25.46	8.83	7.88	15.3	1.987	94.6
284	4/9/2012 11:46:33	11.25	39.99	25.47	8.85	7.82	14.8	2.096	94.8
285	4/9/2012 12:01:33	11.23	40.14	25.57	8.87	7.85	15.8	2.215	95.0
286	4/9/2012 12:16:33	11.22	40.27	25.67	8.87	7.89	18.1	2.328	95.2
287	4/9/2012 12:31:33	11.21	40.59	25.89	8.90	7.83	22.7	2.442	95.6
288	4/9/2012 12:46:33	11.19	40.82	26.05	8.93	7.89	24.5	2.543	96.0
289	4/9/2012 13:01:33	11.17	41.03	26.19	8.94	7.86	27.2	2.640	96.1
290	4/9/2012 13:16:33	11.14	41.22	26.33	8.99	7.87	26.7	2.743	96.6
291	4/9/2012 13:31:33	11.05	41.80	26.74	9.03	7.92	27.1	2.841	97.1
292	4/9/2012 13:46:33	10.96	42.61	27.30	9.11	7.86	24.6	2.924	98.1
293	4/9/2012 14:01:33	10.90	42.81	27.44	9.12	7.94	22.9	3.018	98.3
294	4/9/2012 14:16:33	10.87	43.04	27.61	9.14	7.94	22.8	3.114	98.4
295	4/9/2012 14:31:33	10.85	43.39	27.85	9.20	7.95	21.5	3.190	99.3
296	4/9/2012 14:46:33	10.82	43.71	28.08	9.24	7.91	16.7	3.252	99.7
297	4/9/2012 15:01:33	10.75	44.13	28.37	9.25	7.94	14.9	3.319	99.8
298	4/9/2012 15:16:33	10.71	44.45	28.60	9.25	7.97	12.4	3.355	99.9
299	4/9/2012 15:31:33	10.69	44.51	28.64	9.20	7.93	9.2	3.371	99.4
300	4/9/2012 15:46:33	10.73	44.37	28.54	9.24	7.92	12.9	3.358	99.8
301	4/9/2012 16:01:33	10.70	44.49	28.63	9.28	7.92	13.9	3.331	100.2
302	4/9/2012 16:16:33	10.90	43.71	28.08	9.26	7.96	14.5	3.279	100.1
303	4/9/2012 16:31:33	11.22	42.54	27.27	9.28	7.95	13.6	3.195	100.5
304	4/9/2012 16:46:33	11.26	42.18	27.02	9.18	7.91	14.1	3.103	99.3
305	4/9/2012 17:01:33	11.27	42.10	26.95	9.12	7.94	13.7	3.011	98.6
306	4/9/2012 17:16:33	11.30	41.94	26.85	9.12	7.89	13.0	2.906	98.7
307	4/9/2012 17:31:33	11.27	41.94	26.85	9.11	7.93	12.7	2.801	98.5
308	4/9/2012 17:46:33	11.29	41.78	26.73	9.10	7.89	11.1	2.724	98.3
309	4/9/2012 18:01:33	11.41	41.23	26.35	9.09	7.92	10.9	2.638	98.3
310	4/9/2012 18:16:33	11.52	40.59	25.90	9.08	7.87	11.3	2.534	98.1
311	4/9/2012 18:31:33	11.53	40.54	25.86	9.08	7.90	10.8	2.465	98.1
312	4/9/2012 18:46:33	11.59	40.21	25.63	9.11	7.90	10.8	2.382	98.4
313	4/9/2012 19:01:33	11.64	39.84	25.38	9.12	7.90	10.0	2.307	98.5
314	4/9/2012 19:16:33	11.64	39.79	25.34	9.07	7.86	9.7	2.234	97.9
315	4/9/2012 19:31:33	11.63	39.71	25.28	9.11	7.90	10.0	2.163	98.3
316	4/9/2012 19:46:33	11.67	39.46	25.11	9.05	7.87	9.5	2.133	97.7
317	4/9/2012 20:01:33	11.69	39.35	25.04	9.01	7.89	9.0	2.070	97.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	4/9/2012 20:16:33	11.70	39.21	24.94	8.98	7.88	8.7	2.046	96.8
319	4/9/2012 20:31:33	11.67	39.42	25.09	8.90	7.85	8.1	2.060	96.0
320	4/9/2012 20:46:33	11.66	39.35	25.03	8.98	7.88	9.0	2.056	96.8
321	4/9/2012 21:01:33	11.67	39.35	25.03	8.98	7.85	8.5	2.082	96.9
322	4/9/2012 21:16:33	11.62	39.71	25.29	8.96	7.86	10.0	2.131	96.6
323	4/9/2012 21:31:33	11.62	39.62	25.22	8.97	7.84	11.1	2.203	96.8
324	4/9/2012 21:46:33	11.69	39.43	25.09	8.99	7.84	10.9	2.273	97.1
325	4/9/2012 22:01:33	11.62	39.80	25.35	8.98	7.88	11.7	2.358	96.9
326	4/9/2012 22:16:33	11.57	40.28	25.68	9.00	7.87	11.7	2.451	97.2
327	4/9/2012 22:31:33	11.52	40.37	25.74	9.03	7.89	11.5	2.535	97.5
328	4/9/2012 22:46:33	11.34	41.47	26.51	9.05	7.91	15.7	2.630	97.8
329	4/9/2012 23:01:33	11.29	41.77	26.72	9.06	7.85	13.6	2.715	97.9
330	4/9/2012 23:16:33	11.24	42.04	26.91	9.07	7.85	13.2	2.809	98.0
331	4/9/2012 23:31:33	11.13	42.60	27.31	9.10	7.89	15.1	2.909	98.5
332	4/9/2012 23:46:33	11.06	42.86	27.49	9.13	7.86	19.2	3.005	98.7
333	4/10/2012 0:01:33	11.00	43.22	27.74	9.15	7.91	17.7	3.114	99.0
334	4/10/2012 0:16:33	10.95	43.30	27.79	9.17	7.91	16.4	3.215	99.1
335	4/10/2012 0:31:33	10.88	43.58	27.99	9.18	7.94	16.3	3.322	99.2
336	4/10/2012 0:46:33	10.76	44.27	28.47	9.22	7.95	16.2	3.431	99.6
337	4/10/2012 1:01:33	10.62	44.77	28.83	9.24	7.92	16.5	3.532	99.8
338	4/10/2012 1:16:33	10.53	45.60	29.41	9.24	7.97	15.5	3.628	99.9
339	4/10/2012 1:31:33	10.50	45.83	29.57	9.25	7.94	13.1	3.719	100.1
340	4/10/2012 1:46:33	10.49	45.87	29.60	9.26	7.94	10.4	3.797	100.2
341	4/10/2012 2:01:33	10.48	45.98	29.68	9.28	7.91	9.3	3.874	100.5
342	4/10/2012 2:16:33	10.48	46.02	29.71	9.25	7.91	8.9	3.931	100.1
343	4/10/2012 2:31:33	10.49	45.99	29.69	9.26	7.94	7.6	3.973	100.2
344	4/10/2012 2:46:33	10.48	46.02	29.70	9.21	7.91	6.3	3.995	99.7
345	4/10/2012 3:01:33	10.52	45.75	29.51	9.20	7.98	9.5	3.998	99.6
346	4/10/2012 3:16:33	10.50	45.87	29.60	9.27	7.94	8.9	3.976	100.4
347	4/10/2012 3:31:33	10.52	45.83	29.58	9.24	7.94	9.9	3.922	100.0
348	4/10/2012 3:46:33	10.57	45.34	29.23	9.22	7.93	10.6	3.854	99.7
349	4/10/2012 4:01:33	10.69	44.56	28.68	9.22	7.89	9.5	3.769	99.6
350	4/10/2012 4:16:33	10.77	44.08	28.34	9.16	7.95	10.0	3.654	98.9
351	4/10/2012 4:31:33	10.83	43.76	28.11	9.14	7.92	12.3	3.531	98.7
352	4/10/2012 4:46:33	10.99	42.57	27.28	9.07	7.90	15.1	3.403	97.8
353	4/10/2012 5:01:33	11.07	42.19	27.01	9.01	7.88	16.4	3.293	97.1
354	4/10/2012 5:16:33	11.10	42.16	26.99	9.03	7.85	15.0	3.130	97.3
355	4/10/2012 5:31:33	11.20	41.41	26.46	8.94	7.91	17.7	2.988	96.3
356	4/10/2012 5:46:33	11.22	41.18	26.31	8.94	7.91	15.4	2.867	96.2
357	4/10/2012 6:01:33	11.24	41.25	26.35	8.90	7.90	16.0	2.714	95.8
358	4/10/2012 6:16:33	11.29	40.67	25.95	8.88	7.82	13.9	2.572	95.5
359	4/10/2012 6:31:33	11.26	40.84	26.07	8.87	7.89	13.9	2.429	95.4
360	4/10/2012 6:46:33	11.23	40.92	26.13	8.84	7.85	15.1	2.285	95.1
361	4/10/2012 7:01:33	11.32	40.40	25.76	8.80	7.84	14.8	2.129	94.6
362	4/10/2012 7:16:33	11.31	40.38	25.75	8.78	7.80	16.7	1.978	94.4
363	4/10/2012 7:31:33	11.38	40.05	25.51	8.77	7.86	17.4	1.827	94.3
364	4/10/2012 7:46:33	11.39	39.93	25.43	8.75	7.86	16.0	1.665	94.0
365	4/10/2012 8:01:33	11.45	39.69	25.27	8.73	7.81	14.7	1.516	93.8
366	4/10/2012 8:16:33	11.51	39.36	25.03	8.69	7.81	14.3	1.376	93.4
367	4/10/2012 8:31:33	11.56	38.98	24.77	8.66	7.83	16.6	1.233	93.0
368	4/10/2012 8:46:33	11.60	38.90	24.72	8.61	7.79	13.6	1.131	92.6
369	4/10/2012 9:01:33	11.63	38.83	24.67	8.58	7.79	13.9	1.042	92.2
370	4/10/2012 9:16:33	11.65	38.71	24.59	8.54	7.83	10.8	0.997	91.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
371	4/10/2012 9:31:33	11.63	38.90	24.72	8.52	7.76	11.4	1.009	91.7
372	4/10/2012 9:46:33	11.58	39.07	24.84	8.57	7.83	11.7	1.048	92.1
373	4/10/2012 10:01:33	11.61	39.18	24.91	8.64	7.77	14.7	1.149	92.9
374	4/10/2012 10:16:33	11.62	39.29	24.99	8.66	7.80	16.3	1.214	93.2
375	4/10/2012 10:31:33	11.62	38.10	24.16	8.68	7.79	16.9	1.320	93.0
376	4/10/2012 10:46:33	11.62	37.11	23.47	8.74	7.76	15.4	1.420	93.3
377	4/10/2012 11:01:33	11.58	37.32	23.61	8.71	7.77	13.7	1.502	92.9
378	4/10/2012 11:16:33	11.59	37.40	23.67	8.71	7.80	13.6	1.594	93.0
379	4/10/2012 11:31:33	11.57	37.91	24.02	8.69	7.77	12.7	1.690	92.9
380	4/10/2012 11:46:33	11.53	38.66	24.55	8.68	7.82	11.5	1.786	93.0
381	4/10/2012 12:01:33	11.40	39.90	25.41	8.67	7.84	12.2	1.863	93.1
382	4/10/2012 12:16:33	11.36	40.30	25.69	8.71	7.82	12.2	1.973	93.7
383	4/10/2012 12:31:33	11.36	40.72	25.99	8.83	7.81	13.9	2.087	95.1
384	4/10/2012 12:46:33	11.33	40.95	26.14	8.83	7.82	12.3	2.171	95.2
385	4/10/2012 13:01:33	11.36	40.97	26.16	8.86	7.88	13.5	2.280	95.6
386	4/10/2012 13:16:33	11.36	41.18	26.31	8.87	7.85	15.4	2.381	95.8
387	4/10/2012 13:31:33	11.36	41.22	26.34	8.89	7.86	15.5	2.479	96.0
388	4/10/2012 13:46:33	11.29	41.49	26.53	8.89	7.86	17.2	2.571	96.0
389	4/10/2012 14:01:33	11.28	41.63	26.63	8.92	7.85	21.3	2.663	96.3
390	4/10/2012 14:16:33	11.26	41.87	26.79	8.95	7.86	20.6	2.754	96.7
391	4/10/2012 14:31:33	11.21	42.14	26.98	8.99	7.84	19.0	2.849	97.2
392	4/10/2012 14:46:33	11.09	43.03	27.61	9.07	7.89	19.8	2.935	98.2
393	4/10/2012 15:01:33	11.08	43.43	27.89	9.12	7.89	17.3	3.015	98.8
394	4/10/2012 15:16:33	11.05	43.62	28.03	9.13	7.87	14.7	3.101	99.0
395	4/10/2012 15:31:33	11.02	43.91	28.23	9.13	7.91	13.0	3.162	99.0
396	4/10/2012 15:46:33	11.01	43.95	28.26	9.15	7.94	12.5	3.237	99.3
397	4/10/2012 16:01:33	10.99	44.19	28.43	9.18	7.95	11.0	3.278	99.7
398	4/10/2012 16:16:33	10.96	44.46	28.62	9.14	7.95	8.9	3.304	99.3
399	4/10/2012 16:31:33	11.02	44.13	28.39	9.09	7.92	9.5	3.322	98.8
400	4/10/2012 16:46:33	10.96	44.44	28.61	9.10	7.95	10.3	3.321	98.8
401	4/10/2012 17:01:33	10.95	44.30	28.50	9.18	7.92	10.9	3.270	99.6
402	4/10/2012 17:16:33	11.40	42.55	27.28	9.19	7.87	13.6	3.219	99.9
403	4/10/2012 17:31:33	11.40	42.64	27.35	9.14	7.87	11.9	3.157	99.4
404	4/10/2012 17:46:33	11.41	42.40	27.18	9.10	7.89	10.7	3.061	98.9
405	4/10/2012 18:01:33	11.42	42.31	27.11	9.08	7.92	11.4	2.982	98.7
406	4/10/2012 18:16:33	11.38	42.44	27.20	9.07	7.88	10.5	2.902	98.6
407	4/10/2012 18:31:33	11.44	42.10	26.96	9.07	7.90	10.0	2.797	98.6
408	4/10/2012 18:46:33	11.52	41.78	26.74	9.05	7.85	10.2	2.733	98.4
409	4/10/2012 19:01:33	11.48	41.87	26.80	9.03	7.85	9.8	2.656	98.1
410	4/10/2012 19:16:33	11.52	41.58	26.60	9.04	7.88	9.0	2.568	98.1
411	4/10/2012 19:31:33	11.53	41.42	26.49	9.02	7.91	8.4	2.500	97.8
412	4/10/2012 19:46:33	11.70	40.55	25.88	9.00	7.83	8.9	2.444	97.7
413	4/10/2012 20:01:33	11.70	40.51	25.85	8.99	7.89	8.4	2.377	97.6
414	4/10/2012 20:16:33	11.65	40.57	25.90	8.97	7.83	8.4	2.316	97.2
415	4/10/2012 20:31:33	11.64	40.68	25.97	8.93	7.82	8.7	2.263	96.8
416	4/10/2012 20:46:33	11.76	40.14	25.59	8.93	7.82	8.5	2.234	96.8
417	4/10/2012 21:01:33	11.83	39.83	25.38	8.91	7.82	8.1	2.190	96.6
418	4/10/2012 21:16:33	11.84	39.64	25.25	8.90	7.81	8.2	2.172	96.5
419	4/10/2012 21:31:33	11.73	40.21	25.64	8.80	7.84	7.7	2.184	95.4
420	4/10/2012 21:46:33	11.79	39.99	25.49	8.91	7.83	8.6	2.199	96.6
421	4/10/2012 22:01:33	11.69	40.49	25.84	8.88	7.81	8.7	2.216	96.3
422	4/10/2012 22:16:33	11.70	40.50	25.85	8.92	7.82	9.4	2.277	96.7
423	4/10/2012 22:31:33	11.86	39.60	25.22	8.98	7.81	11.0	2.343	97.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
424	4/10/2012 22:46:33	11.68	40.59	25.91	8.94	7.84	11.6	2.398	97.0
425	4/10/2012 23:01:33	11.63	40.97	26.17	8.95	7.86	10.3	2.486	97.1
426	4/10/2012 23:16:33	11.58	41.32	26.42	8.97	7.83	10.5	2.559	97.4
427	4/10/2012 23:31:33	11.58	41.28	26.39	9.00	7.89	9.5	2.644	97.7
428	4/10/2012 23:46:33	11.43	41.97	26.87	9.00	7.90	10.4	2.729	97.7
429	4/11/2012 0:01:33	11.32	42.41	27.18	9.01	7.91	9.5	2.812	97.7
430	4/11/2012 0:16:33	11.23	42.94	27.55	9.04	7.85	11.2	2.904	98.1
431	4/11/2012 0:31:33	11.14	43.46	27.91	9.04	7.90	11.8	2.990	98.2
432	4/11/2012 0:46:33	11.08	43.66	28.06	9.06	7.89	11.5	3.075	98.3
433	4/11/2012 1:01:33	11.04	43.79	28.15	9.08	7.93	11.7	3.175	98.5
434	4/11/2012 1:16:33	11.02	43.98	28.28	9.08	7.91	11.9	3.265	98.5
435	4/11/2012 1:31:33	10.98	44.08	28.35	9.09	7.91	11.0	3.354	98.6
436	4/11/2012 1:46:33	10.92	44.31	28.51	9.09	7.94	11.3	3.445	98.6
437	4/11/2012 2:01:33	10.83	44.73	28.80	9.10	7.94	11.3	3.527	98.6
438	4/11/2012 2:16:33	10.72	45.29	29.20	9.07	7.91	11.3	3.607	98.3
439	4/11/2012 2:31:33	10.65	45.58	29.40	9.06	7.92	10.6	3.673	98.3
440	4/11/2012 2:46:33	10.61	45.65	29.45	9.07	7.89	9.0	3.733	98.3
441	4/11/2012 3:01:33	10.60	45.84	29.59	9.06	7.94	7.8	3.784	98.3
442	4/11/2012 3:16:33	10.59	45.84	29.58	9.08	7.94	7.0	3.827	98.4
443	4/11/2012 3:31:33	10.58	45.86	29.60	9.09	7.93	6.5	3.850	98.6
444	4/11/2012 3:46:33	10.63	45.56	29.39	9.05	7.92	8.1	3.848	98.1
445	4/11/2012 4:01:33	10.61	45.78	29.54	9.07	7.92	8.2	3.845	98.3
446	4/11/2012 4:16:33	10.64	45.60	29.42	9.07	7.97	8.0	3.815	98.4
447	4/11/2012 4:31:33	10.80	44.38	28.55	9.03	7.88	9.3	3.751	97.8
448	4/11/2012 4:46:33	10.84	44.23	28.45	9.02	7.90	8.4	3.686	97.6
449	4/11/2012 5:01:33	10.92	43.71	28.08	9.00	7.91	9.0	3.591	97.4
450	4/11/2012 5:16:33	11.01	42.40	27.16	8.94	7.87	10.7	3.494	96.3
451	4/11/2012 5:31:33	11.08	42.02	26.89	8.94	7.88	10.6	3.387	96.3
452	4/11/2012 5:46:33	11.03	42.92	27.53	8.91	7.88	13.9	3.261	96.3
453	4/11/2012 6:01:33	11.12	42.10	26.95	8.91	7.88	13.1	3.143	96.1
454	4/11/2012 6:16:33	11.15	42.57	27.29	8.93	7.89	16.2	3.020	96.5
455	4/11/2012 6:31:33	11.22	42.52	27.25	8.93	7.87	14.4	2.881	96.7
456	4/11/2012 6:46:33	11.29	41.74	26.70	8.89	7.86	13.8	2.753	96.1
457	4/11/2012 7:01:33	11.35	41.12	26.27	8.84	7.82	12.3	2.630	95.4
458	4/11/2012 7:16:33	11.30	41.16	26.30	8.83	7.88	10.9	2.487	95.2
459	4/11/2012 7:31:33	11.29	41.33	26.42	8.82	7.86	11.1	2.359	95.2
460	4/11/2012 7:46:33	11.35	41.17	26.30	8.82	7.88	10.3	2.218	95.2
461	4/11/2012 8:01:33	11.31	41.24	26.35	8.84	7.85	10.4	2.078	95.4
462	4/11/2012 8:16:33	11.39	40.85	26.08	8.86	7.88	10.8	1.940	95.6
463	4/11/2012 8:31:33	11.44	40.69	25.97	8.86	7.88	11.2	1.799	95.6
464	4/11/2012 8:46:33	11.54	40.51	25.85	8.88	7.84	12.0	1.644	95.9
465	4/11/2012 9:01:33	11.64	40.21	25.64	8.78	7.82	10.9	1.512	94.9
466	4/11/2012 9:16:33	11.74	39.95	25.46	8.77	7.82	11.2	1.400	94.9
467	4/11/2012 9:31:33	11.81	39.67	25.26	8.75	7.80	10.8	1.295	94.8
468	4/11/2012 9:46:33	11.86	39.52	25.16	8.73	7.83	16.1	1.200	94.7
469	4/11/2012 10:01:33	11.95	39.48	25.14	8.71	7.82	13.0	1.150	94.6
470	4/11/2012 10:16:33	12.02	39.44	25.11	8.61	7.83	15.9	1.121	93.6
471	4/11/2012 10:31:33	11.79	39.71	25.29	8.63	7.83	10.8	1.114	93.4
472	4/11/2012 10:46:33	11.85	39.85	25.39	8.72	7.83	12.6	1.169	94.6
473	4/11/2012 11:01:33	11.82	39.92	25.44	8.73	7.82	12.2	1.240	94.7
474	4/11/2012 11:16:33	11.83	39.84	25.39	8.76	7.83	11.5	1.304	95.0
475	4/11/2012 11:31:33	11.86	38.28	24.29	8.74	7.77	13.4	1.391	94.2
476	4/11/2012 11:46:33	11.77	38.95	24.76	8.72	7.78	11.1	1.484	94.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
477	4/11/2012 12:01:33	11.74	38.63	24.54	8.70	7.78	11.4	1.569	93.7
478	4/11/2012 12:16:33	11.72	39.08	24.85	8.67	7.76	10.0	1.655	93.5
479	4/11/2012 12:31:33	11.75	38.77	24.63	8.68	7.76	10.1	1.723	93.5
480	4/11/2012 12:46:33	11.66	39.07	24.84	8.70	7.83	10.5	1.832	93.6
481	4/11/2012 13:01:33	11.55	40.12	25.57	8.64	7.78	9.8	1.917	93.3
482	4/11/2012 13:16:33	11.56	40.23	25.65	8.75	7.85	11.4	2.014	94.5
483	4/11/2012 13:31:33	11.51	40.90	26.12	8.80	7.80	12.2	2.120	95.2
484	4/11/2012 13:46:33	11.46	41.12	26.27	8.82	7.87	11.6	2.202	95.4
485	4/11/2012 14:01:33	11.43	41.27	26.38	8.80	7.81	12.5	2.291	95.2
486	4/11/2012 14:16:33	11.43	41.42	26.48	8.83	7.88	12.8	2.382	95.5
487	4/11/2012 14:31:33	11.43	41.54	26.57	8.85	7.86	13.4	2.465	95.9
488	4/11/2012 14:46:33	11.42	41.69	26.67	8.86	7.86	14.0	2.546	96.0
489	4/11/2012 15:01:33	11.41	41.82	26.77	8.90	7.86	14.4	2.633	96.4
490	4/11/2012 15:16:33	11.42	42.00	26.89	8.92	7.88	13.4	2.702	96.8
491	4/11/2012 15:31:33	11.39	42.29	27.09	8.95	7.86	13.4	2.783	97.2
492	4/11/2012 15:46:33	11.34	42.56	27.29	8.96	7.87	12.9	2.868	97.3
493	4/11/2012 16:01:33	11.25	43.15	27.70	9.01	7.88	13.0	2.948	97.9
494	4/11/2012 16:16:33	11.18	43.42	27.89	9.03	7.89	13.1	3.023	98.1
495	4/11/2012 16:31:33	11.17	43.75	28.13	9.05	7.92	12.6	3.082	98.4
496	4/11/2012 16:46:33	11.16	43.87	28.21	9.06	7.87	11.2	3.148	98.6
497	4/11/2012 17:01:33	11.16	43.96	28.27	9.02	7.89	9.6	3.195	98.2
498	4/11/2012 17:16:33	11.15	44.03	28.32	9.03	7.93	8.1	3.232	98.3
499	4/11/2012 17:31:33	11.14	44.15	28.40	9.05	7.87	7.5	3.254	98.5
500	4/11/2012 17:46:33	11.18	43.93	28.25	9.01	7.86	10.3	3.247	98.1
501	4/11/2012 18:01:33	11.14	44.07	28.35	9.05	7.91	9.8	3.233	98.5
502	4/11/2012 18:16:33	11.34	43.54	27.98	9.07	7.86	9.2	3.191	98.9
503	4/11/2012 18:31:33	11.59	42.80	27.47	9.17	7.86	10.3	3.139	100.2
504	4/11/2012 18:46:33	11.62	42.65	27.36	9.16	7.86	10.7	3.065	100.2
505	4/11/2012 19:01:33	11.52	42.73	27.41	9.11	7.85	9.4	2.990	99.4
506	4/11/2012 19:16:33	11.48	42.57	27.30	9.07	7.85	12.0	2.916	98.8
507	4/11/2012 19:31:33	11.55	42.22	27.05	9.06	7.88	10.3	2.832	98.6
508	4/11/2012 19:46:33	11.56	42.10	26.97	9.03	7.86	9.4	2.749	98.3
509	4/11/2012 20:01:33	11.58	41.88	26.81	8.97	7.88	10.1	2.691	97.6
510	4/11/2012 20:16:33	11.54	41.95	26.86	8.95	7.83	10.2	2.629	97.4
511	4/11/2012 20:31:33	11.52	41.87	26.80	8.94	7.87	10.6	2.554	97.1
512	4/11/2012 20:46:33	11.56	41.56	26.59	8.93	7.87	9.7	2.510	97.1
513	4/11/2012 21:01:33	11.59	41.51	26.55	8.96	7.89	9.4	2.455	97.4
514	4/11/2012 21:16:33	11.64	41.18	26.32	9.00	7.82	8.4	2.416	97.8
515	4/11/2012 21:31:33	11.63	41.14	26.30	8.98	7.85	9.8	2.373	97.5
516	4/11/2012 21:46:33	11.68	40.95	26.16	8.96	7.82	8.7	2.343	97.3
517	4/11/2012 22:01:33	11.63	41.17	26.31	8.77	7.88	7.2	2.328	95.3
518	4/11/2012 22:16:33	11.81	40.33	25.73	8.90	7.88	7.9	2.307	96.7
519	4/11/2012 22:31:33	11.80	40.38	25.76	8.92	7.85	8.4	2.315	96.9
520	4/11/2012 22:46:33	11.80	40.26	25.68	8.94	7.82	7.6	2.335	97.1
521	4/11/2012 23:01:33	11.61	41.47	26.52	8.92	7.85	9.0	2.352	97.0
522	4/11/2012 23:16:33	11.58	41.57	26.60	8.88	7.84	9.2	2.373	96.5
523	4/11/2012 23:31:33	11.63	41.20	26.33	8.98	7.88	10.0	2.436	97.5
524	4/11/2012 23:46:33	11.57	41.66	26.66	8.92	7.82	9.4	2.486	96.9
525	4/12/2012 0:01:33	11.52	41.97	26.88	8.95	7.89	10.1	2.551	97.3
526	4/12/2012 0:16:33	11.50	41.89	26.82	8.99	7.86	10.6	2.618	97.7
527	4/12/2012 0:31:33	11.44	42.21	27.04	9.00	7.84	9.6	2.682	97.8
528	4/12/2012 0:46:33	11.37	42.43	27.20	9.00	7.84	8.6	2.755	97.7
529	4/12/2012 1:01:33	11.33	42.63	27.33	8.99	7.88	8.9	2.837	97.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
530	4/12/2012 1:16:33	11.26	42.77	27.43	9.01	7.84	9.5	2.915	97.8
531	4/12/2012 1:31:33	11.22	42.70	27.38	9.03	7.88	9.0	2.982	97.9
532	4/12/2012 1:46:33	11.16	43.05	27.63	9.01	7.91	8.8	3.066	97.7
533	4/12/2012 2:01:33	11.09	43.92	28.24	9.02	7.91	9.8	3.146	98.0
534	4/12/2012 2:16:33	11.05	44.05	28.33	9.03	7.92	9.4	3.209	98.1
535	4/12/2012 2:31:33	11.01	44.16	28.41	9.04	7.91	9.0	3.295	98.1
536	4/12/2012 2:46:33	10.98	44.36	28.55	9.04	7.87	9.2	3.364	98.2
537	4/12/2012 3:01:33	10.94	44.45	28.61	9.05	7.90	9.0	3.449	98.3
538	4/12/2012 3:16:33	10.86	44.57	28.69	9.08	7.92	8.9	3.498	98.5
539	4/12/2012 3:31:33	10.76	45.00	28.99	9.11	7.92	8.3	3.562	98.8
540	4/12/2012 3:46:33	10.73	45.10	29.06	9.07	7.92	7.0	3.646	98.3
541	4/12/2012 4:01:33	10.70	45.17	29.11	9.06	7.93	6.4	3.656	98.2
542	4/12/2012 4:16:33	10.69	45.22	29.15	9.07	7.96	6.1	3.676	98.3
543	4/12/2012 4:31:33	10.69	45.25	29.17	8.99	7.89	5.0	3.695	97.4
544	4/12/2012 4:46:33	10.68	45.39	29.27	9.05	7.93	7.3	3.702	98.1
545	4/12/2012 5:01:33	10.68	45.26	29.17	9.08	7.95	7.2	3.680	98.3
546	4/12/2012 5:16:33	10.75	44.94	28.95	9.02	7.96	8.1	3.635	97.7
547	4/12/2012 5:31:33	10.86	43.75	28.11	8.99	7.94	8.6	3.586	97.1
548	4/12/2012 5:46:33	10.91	43.49	27.93	9.01	7.89	9.2	3.519	97.3
549	4/12/2012 6:01:33	10.87	43.89	28.21	8.99	7.94	9.7	3.443	97.2
550	4/12/2012 6:16:33	10.89	43.46	27.90	9.05	7.89	11.5	3.346	97.7
551	4/12/2012 6:31:33	10.88	42.92	27.52	9.07	7.86	13.6	3.226	97.7
552	4/12/2012 6:46:33	10.92	43.02	27.59	9.05	7.85	10.9	3.140	97.6
553	4/12/2012 7:01:33	10.98	42.23	27.03	9.03	7.85	10.7	3.047	97.1
554	4/12/2012 7:16:33	10.99	42.26	27.06	9.01	7.86	9.2	2.929	97.0
555	4/12/2012 7:31:33	11.02	41.90	26.80	9.00	7.90	8.8	2.818	96.7
556	4/12/2012 7:46:33	11.06	42.00	26.87	8.99	7.88	8.9	2.703	96.7
557	4/12/2012 8:01:33	11.07	41.96	26.85	9.03	7.86	8.7	2.602	97.3
558	4/12/2012 8:16:33	11.08	42.01	26.89	9.08	7.87	8.4	2.470	97.8
559	4/12/2012 8:31:33	11.10	42.18	27.01	9.16	7.91	8.9	2.357	98.8
560	4/12/2012 8:46:33	11.22	41.52	26.55	9.20	7.87	8.7	2.244	99.2
561	4/12/2012 9:01:33	11.30	41.01	26.19	9.21	7.87	9.8	2.121	99.3
562	4/12/2012 9:16:33	11.30	41.27	26.37	9.27	7.87	10.3	1.984	100.0
563	4/12/2012 9:31:33	11.40	40.78	26.03	9.26	7.90	10.1	1.867	99.9
564	4/12/2012 9:46:33	11.50	40.78	26.04	9.28	7.87	10.1	1.751	100.3
565	4/12/2012 10:01:33	11.55	40.55	25.87	9.24	7.87	11.4	1.639	99.9
566	4/12/2012 10:16:33	11.55	40.14	25.59	9.16	7.88	10.9	1.538	98.9
567	4/12/2012 10:31:33	11.56	40.17	25.61	9.14	7.86	13.0	1.450	98.7
568	4/12/2012 10:46:33	11.56	40.11	25.57	9.12	7.83	11.7	1.386	98.4
569	4/12/2012 11:01:33	11.60	40.10	25.56	9.11	7.85	11.1	1.339	98.4
570	4/12/2012 11:16:33	11.64	40.04	25.52	8.94	7.82	10.2	1.316	96.6
571	4/12/2012 11:31:33	11.62	40.08	25.55	9.13	7.87	11.1	1.316	98.6
572	4/12/2012 11:46:33	11.63	40.20	25.63	9.12	7.85	12.3	1.354	98.6
573	4/12/2012 12:01:33	11.61	40.31	25.70	9.09	7.89	14.2	1.396	98.3
574	4/12/2012 12:16:33	11.59	40.33	25.72	9.09	7.89	13.0	1.449	98.3
575	4/12/2012 12:31:33	11.56	39.82	25.36	9.04	7.81	11.8	1.502	97.5
576	4/12/2012 12:46:33	11.52	39.51	25.14	9.02	7.87	11.9	1.589	97.0
577	4/12/2012 13:01:33	11.49	39.62	25.22	8.99	7.80	10.0	1.654	96.6
578	4/12/2012 13:16:33	11.47	39.41	25.07	8.95	7.82	9.8	1.729	96.1
579	4/12/2012 13:31:33	11.46	39.45	25.10	8.96	7.81	10.0	1.830	96.2
580	4/12/2012 13:46:33	11.43	38.71	24.58	8.98	7.81	9.7	1.910	96.1
581	4/12/2012 14:01:33	11.36	40.07	25.53	8.89	7.86	9.4	1.986	95.5
582	4/12/2012 14:16:33	11.33	40.69	25.97	8.88	7.80	9.2	2.073	95.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
583	4/12/2012 14:31:33	11.34	40.58	25.88	8.90	7.84	9.1	2.161	95.8
584	4/12/2012 14:46:33	11.33	40.71	25.98	8.94	7.81	9.7	2.241	96.2
585	4/12/2012 15:01:33	11.34	40.77	26.02	8.92	7.85	10.2	2.308	96.1
586	4/12/2012 15:16:33	11.32	40.83	26.06	8.98	7.81	11.2	2.398	96.8
587	4/12/2012 15:31:33	11.28	41.21	26.33	8.99	7.82	11.7	2.465	96.9
588	4/12/2012 15:46:33	11.27	41.33	26.42	8.98	7.81	10.7	2.532	96.8
589	4/12/2012 16:01:33	11.27	41.37	26.44	8.99	7.88	11.8	2.630	96.9
590	4/12/2012 16:16:33	11.24	41.71	26.68	9.00	7.82	12.6	2.697	97.1
591	4/12/2012 16:31:33	11.19	41.76	26.71	9.04	7.89	12.7	2.774	97.5
592	4/12/2012 16:46:33	11.13	42.05	26.91	9.06	7.90	12.3	2.853	97.7
593	4/12/2012 17:01:33	11.08	42.36	27.13	9.07	7.88	13.2	2.924	97.8
594	4/12/2012 17:16:33	10.99	42.84	27.47	9.10	7.85	12.0	2.998	98.2
595	4/12/2012 17:31:33	10.93	43.42	27.88	9.13	7.92	11.2	3.063	98.7
596	4/12/2012 17:46:33	10.87	43.71	28.08	9.15	7.95	10.6	3.124	98.8
597	4/12/2012 18:01:33	10.83	43.87	28.19	9.13	7.92	9.3	3.154	98.6
598	4/12/2012 18:16:33	10.81	44.03	28.30	9.09	7.92	7.3	3.217	98.2
599	4/12/2012 18:31:33	10.80	44.03	28.30	9.04	7.94	6.5	3.264	97.7
600	4/12/2012 18:46:33	10.82	43.98	28.27	9.06	7.93	7.6	3.258	97.9
601	4/12/2012 19:01:33	10.77	44.15	28.39	9.12	7.94	8.0	3.263	98.5
602	4/12/2012 19:16:33	10.82	43.44	27.89	9.13	7.92	10.0	3.219	98.5
603	4/12/2012 19:31:33	10.74	42.86	27.47	9.19	7.91	9.0	3.168	98.6
604	4/12/2012 19:46:33	10.77	42.45	27.19	9.18	7.89	9.8	3.112	98.5
605	4/12/2012 20:01:33	10.77	42.20	27.01	9.15	7.91	10.1	3.041	98.0
606	4/12/2012 20:16:33	10.87	41.92	26.81	9.11	7.87	12.3	2.964	97.7
607	4/12/2012 20:31:33	10.93	41.57	26.57	9.12	7.87	11.5	2.902	97.7
608	4/12/2012 20:46:33	10.94	41.44	26.48	9.09	7.86	10.3	2.822	97.3
609	4/12/2012 21:01:33	10.95	41.44	26.48	9.07	7.90	10.0	2.773	97.2
610	4/12/2012 21:16:33	10.93	41.16	26.28	9.01	7.89	10.6	2.706	96.4
611	4/12/2012 21:31:33	10.89	40.90	26.10	9.00	7.89	10.2	2.651	96.1
612	4/12/2012 21:46:33	10.88	40.89	26.08	9.00	7.85	9.5	2.603	96.0
613	4/12/2012 22:01:33	10.86	40.68	25.94	9.00	7.84	9.5	2.547	96.0
614	4/12/2012 22:16:33	10.78	40.44	25.77	9.04	7.87	10.3	2.520	96.1
615	4/12/2012 22:31:33	10.87	40.50	25.81	8.95	7.86	9.4	2.478	95.3
616	4/12/2012 22:46:33	10.75	40.60	25.88	8.93	7.86	9.2	2.448	94.9
617	4/12/2012 23:01:33	10.54	40.19	25.58	9.02	7.90	13.5	2.420	95.2
618	4/12/2012 23:16:33	10.92	40.94	26.13	8.68	7.85	7.4	2.417	92.8
619	4/12/2012 23:31:33	10.94	41.07	26.22	8.81	7.86	7.5	2.378	94.2
620	4/12/2012 23:46:33	10.87	40.57	25.86	8.91	7.81	8.1	2.403	94.9
621	4/13/2012 0:01:33	10.85	40.23	25.62	9.00	7.84	9.5	2.410	95.7
622	4/13/2012 0:16:33	10.95	41.03	26.19	8.89	7.80	8.6	2.432	95.1
623	4/13/2012 0:31:33	10.93	41.07	26.21	8.89	7.85	9.2	2.471	95.0
624	4/13/2012 0:46:33	10.80	40.65	25.91	9.00	7.88	10.1	2.511	95.8
625	4/13/2012 1:01:33	10.80	40.71	25.96	8.99	7.87	9.6	2.552	95.7
626	4/13/2012 1:16:33	10.88	41.51	26.53	8.95	7.90	9.0	2.617	95.7
627	4/13/2012 1:31:33	10.87	41.64	26.62	9.00	7.92	8.6	2.661	96.4
628	4/13/2012 1:46:33	10.84	41.39	26.44	9.02	7.82	8.5	2.704	96.4
629	4/13/2012 2:01:33	10.81	41.32	26.38	9.04	7.82	8.4	2.786	96.5
630	4/13/2012 2:16:33	10.79	41.44	26.47	9.06	7.85	8.3	2.844	96.7
631	4/13/2012 2:31:33	10.76	41.73	26.67	9.05	7.86	8.6	2.897	96.7
632	4/13/2012 2:46:33	10.73	41.61	26.59	9.07	7.87	10.8	2.982	96.8
633	4/13/2012 3:01:33	10.61	41.98	26.84	9.09	7.90	8.2	3.061	96.9
634	4/13/2012 3:16:33	10.66	42.19	27.00	9.11	7.89	9.5	3.144	97.3
635	4/13/2012 3:31:33	10.67	42.89	27.49	9.10	7.91	8.1	3.182	97.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
636	4/13/2012 3:46:33	10.67	43.67	28.04	9.09	7.92	8.2	3.256	97.8
637	4/13/2012 4:01:33	10.64	43.85	28.17	9.10	7.93	7.9	3.335	97.8
638	4/13/2012 4:16:33	10.63	44.34	28.52	9.12	7.87	7.3	3.353	98.2
639	4/13/2012 4:31:33	10.58	44.18	28.40	9.10	7.90	6.7	3.412	97.9
640	4/13/2012 4:46:33	10.59	44.67	28.75	9.10	7.90	6.4	3.513	98.2
641	4/13/2012 5:01:33	10.59	44.80	28.84	9.04	7.91	6.0	3.521	97.5
642	4/13/2012 5:16:33	10.58	45.22	29.14	9.07	7.95	5.5	3.551	98.0
643	4/13/2012 5:31:33	10.60	45.08	29.05	9.05	7.93	6.4	3.546	97.8
644	4/13/2012 5:46:33	10.59	45.19	29.12	9.05	7.92	6.7	3.556	97.9
645	4/13/2012 6:01:33	10.59	45.04	29.02	9.08	7.88	7.1	3.544	98.1
646	4/13/2012 6:16:33	10.60	45.06	29.03	9.08	7.93	6.7	3.478	98.1
647	4/13/2012 6:31:33	10.63	44.46	28.60	9.01	7.95	6.9	3.467	97.2
648	4/13/2012 6:46:33	10.63	44.41	28.57	9.01	7.93	7.5	3.390	97.1
649	4/13/2012 7:01:33	10.63	43.65	28.03	9.00	7.87	8.3	3.322	96.7
650	4/13/2012 7:16:33	10.53	41.93	26.80	9.00	7.86	9.5	3.237	95.7
651	4/13/2012 7:31:33	10.40	40.63	25.89	9.04	7.85	9.8	3.160	95.3
652	4/13/2012 7:46:33	10.49	41.45	26.46	9.03	7.85	9.1	3.067	95.7
653	4/13/2012 8:01:33	10.46	41.24	26.32	9.05	7.82	8.7	2.985	95.8
654	4/13/2012 8:16:33	10.50	41.21	26.29	9.03	7.82	7.9	2.905	95.7
655	4/13/2012 8:31:33	10.52	41.39	26.43	9.04	7.82	8.3	2.800	95.9
656	4/13/2012 8:46:33	10.58	41.46	26.47	9.05	7.83	7.9	2.710	96.2
657	4/13/2012 9:01:33	10.62	41.44	26.46	9.08	7.83	7.8	2.589	96.5
658	4/13/2012 9:16:33	10.65	41.32	26.38	9.17	7.88	8.0	2.484	97.5
659	4/13/2012 9:31:33	10.72	41.16	26.27	9.14	7.90	8.3	2.408	97.3
660	4/13/2012 9:46:33	10.76	40.72	25.96	9.07	7.82	9.7	2.289	96.5
661	4/13/2012 10:01:33	10.84	40.85	26.06	9.23	7.86	8.4	2.169	98.3
662	4/13/2012 10:16:33	10.94	40.95	26.13	9.36	7.87	7.8	2.078	100.1
663	4/13/2012 10:31:33	11.09	40.77	26.01	9.56	7.85	8.5	1.963	102.5
664	4/13/2012 10:46:33	11.18	40.41	25.76	9.28	7.85	7.9	1.859	99.4
665	4/13/2012 11:01:33	11.22	40.30	25.69	9.37	7.86	8.1	1.791	100.5
666	4/13/2012 11:16:33	11.38	40.15	25.58	9.41	7.88	8.3	1.680	101.1
667	4/13/2012 11:31:33	11.51	40.12	25.57	9.37	7.84	10.5	1.607	101.0
668	4/13/2012 11:46:33	11.45	40.07	25.53	9.36	7.87	9.7	1.559	100.7
669	4/13/2012 12:01:33	11.43	40.03	25.51	9.25	7.86	7.6	1.492	99.5
670	4/13/2012 12:16:33	11.61	40.07	25.54	9.22	7.88	7.8	1.467	99.6
671	4/13/2012 12:31:33	11.47	40.06	25.53	9.27	7.88	7.8	1.479	99.9
672	4/13/2012 12:46:33	11.34	40.00	25.48	9.22	7.82	7.6	1.470	99.0
673	4/13/2012 13:01:33	11.18	40.05	25.51	9.16	7.86	7.6	1.533	98.0
674	4/13/2012 13:16:33	11.06	39.94	25.42	9.09	7.81	8.7	1.552	97.0
675	4/13/2012 13:31:33	11.17	39.95	25.44	9.08	7.84	8.7	1.597	97.1
676	4/13/2012 13:46:33	11.16	40.01	25.48	9.08	7.87	9.4	1.696	97.1
677	4/13/2012 14:01:33	11.09	39.85	25.36	9.10	7.80	10.1	1.773	97.1
678	4/13/2012 14:16:33	11.04	39.61	25.19	9.08	7.79	9.8	1.826	96.7
679	4/13/2012 14:31:33	10.99	39.68	25.24	9.02	7.79	9.2	1.898	96.0
680	4/13/2012 14:46:33	10.94	39.65	25.22	9.03	7.82	9.7	1.979	95.9
681	4/13/2012 15:01:33	10.91	39.63	25.20	9.00	7.86	9.1	2.050	95.5
682	4/13/2012 15:16:33	10.85	39.78	25.30	8.98	7.82	10.2	2.133	95.3
683	4/13/2012 15:31:33	10.81	39.94	25.42	8.96	7.84	9.5	2.199	95.0
684	4/13/2012 15:46:33	10.79	39.99	25.45	9.00	7.84	10.8	2.296	95.5
685	4/13/2012 16:01:33	10.77	40.12	25.54	9.00	7.82	11.0	2.370	95.4
686	4/13/2012 16:16:33	10.78	40.27	25.65	8.99	7.85	10.5	2.450	95.4
687	4/13/2012 16:31:33	10.87	40.26	25.65	9.02	7.86	10.1	2.525	95.9
688	4/13/2012 16:46:33	10.90	40.39	25.74	9.02	7.86	11.2	2.593	96.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
689	4/13/2012 17:01:33	10.92	40.23	25.63	9.01	7.86	11.4	2.685	95.9
690	4/13/2012 17:16:33	10.83	40.76	25.99	9.00	7.86	12.2	2.766	95.9
691	4/13/2012 17:31:33	10.95	40.52	25.83	9.07	7.80	10.9	2.833	96.7
692	4/13/2012 17:46:33	10.76	41.05	26.20	9.03	7.87	11.7	2.923	96.2
693	4/13/2012 18:01:33	10.66	41.51	26.52	9.00	7.84	15.6	2.993	95.8
694	4/13/2012 18:16:33	10.64	41.83	26.74	9.02	7.81	19.4	3.064	96.1
695	4/13/2012 18:31:33	10.81	41.80	26.73	9.07	7.90	11.1	3.121	97.1
696	4/13/2012 18:46:33	10.77	42.26	27.05	9.15	7.90	12.2	3.184	98.0
697	4/13/2012 19:01:33	10.74	42.65	27.32	9.15	7.90	8.1	3.246	98.1
698	4/13/2012 19:16:33	10.71	43.02	27.59	9.18	7.91	7.6	3.263	98.6
699	4/13/2012 19:31:33	10.69	43.12	27.65	9.11	7.91	8.0	3.298	97.8
700	4/13/2012 19:46:33	10.97	41.89	26.80	9.20	7.83	10.4	3.310	98.8
701	4/13/2012 20:01:33	10.74	42.71	27.37	9.19	7.82	9.4	3.264	98.5
702	4/13/2012 20:16:33	10.77	42.38	27.13	9.23	7.83	13.8	3.229	98.9
703	4/13/2012 20:31:33	10.81	41.57	26.56	9.21	7.83	15.4	3.246	98.4
704	4/13/2012 20:46:33	10.84	41.67	26.64	9.29	7.83	12.2	3.173	99.4
705	4/13/2012 21:01:33	10.83	41.63	26.61	9.28	7.86	13.4	3.106	99.3
706	4/13/2012 21:16:33	10.83	41.70	26.66	9.28	7.82	14.3	3.062	99.3
707	4/13/2012 21:31:33	10.78	41.71	26.66	9.28	7.83	14.1	2.992	99.2
708	4/13/2012 21:46:33	10.87	40.98	26.15	9.25	7.82	13.3	2.921	98.7
709	4/13/2012 22:01:33	10.78	41.47	26.49	9.24	7.89	14.2	2.850	98.7
710	4/13/2012 22:16:33	10.81	40.92	26.11	9.19	7.89	13.9	2.806	97.9
711	4/13/2012 22:31:33	10.95	40.48	25.80	9.18	7.83	14.0	2.725	98.0
712	4/13/2012 22:46:33	10.87	40.26	25.65	9.16	7.83	14.8	2.651	97.4
713	4/13/2012 23:01:33	10.80	40.28	25.66	9.14	7.83	14.5	2.593	97.1
714	4/13/2012 23:16:33	10.79	39.89	25.38	9.17	7.83	13.9	2.554	97.2
715	4/13/2012 23:31:33	10.83	39.62	25.19	9.18	7.83	13.6	2.524	97.3
716	4/13/2012 23:46:33	10.82	39.86	25.36	9.22	7.83	12.5	2.457	97.8
717	4/14/2012 0:01:33	10.85	39.80	25.32	9.16	7.82	13.0	2.420	97.3
718	4/14/2012 0:16:33	11.01	39.56	25.16	9.20	7.84	12.5	2.407	97.9
719	4/14/2012 0:31:33	11.00	39.58	25.17	9.21	7.84	11.7	2.345	98.0
720	4/14/2012 0:46:33	11.04	39.59	25.18	9.16	7.84	12.5	2.355	97.5
721	4/14/2012 1:01:33	11.16	39.48	25.11	9.11	7.80	10.1	2.335	97.2
722	4/14/2012 1:16:33	11.16	39.40	25.05	8.72	7.80	8.6	2.342	93.0
723	4/14/2012 1:31:33	11.09	39.52	25.14	9.14	7.82	10.7	2.354	97.3
724	4/14/2012 1:46:33	11.08	39.36	25.02	9.15	7.83	10.1	2.383	97.4
725	4/14/2012 2:01:33	11.04	39.53	25.14	9.13	7.80	11.1	2.401	97.2
726	4/14/2012 2:16:33	11.05	39.38	25.03	9.17	7.80	10.1	2.455	97.5
727	4/14/2012 2:31:33	10.94	39.37	25.03	9.08	7.78	10.9	2.502	96.4
728	4/14/2012 2:46:33	10.95	39.63	25.20	9.04	7.84	11.0	2.545	96.1
729	4/14/2012 3:01:33	10.96	39.58	25.17	9.07	7.81	11.1	2.609	96.4
730	4/14/2012 3:16:33	10.94	40.19	25.60	9.09	7.87	10.3	2.672	96.8
731	4/14/2012 3:31:33	10.93	40.46	25.79	9.10	7.86	9.5	2.731	97.0
732	4/14/2012 3:46:33	10.91	40.87	26.07	9.10	7.88	9.6	2.806	97.2
733	4/14/2012 4:01:33	10.84	41.52	26.53	9.14	7.88	8.7	2.856	97.7
734	4/14/2012 4:16:33	10.84	41.67	26.64	9.14	7.88	9.0	2.927	97.8
735	4/14/2012 4:31:33	10.81	42.10	26.94	9.17	7.83	8.5	2.968	98.3
736	4/14/2012 4:46:33	10.79	42.27	27.05	9.21	7.83	9.0	3.035	98.6
737	4/14/2012 5:01:33	10.76	42.53	27.24	9.24	7.88	8.9	3.096	99.1
738	4/14/2012 5:16:33	10.74	42.72	27.37	9.27	7.87	9.0	3.167	99.4
739	4/14/2012 5:31:33	10.71	42.68	27.34	9.28	7.87	9.1	3.203	99.5
740	4/14/2012 5:46:33	10.68	43.15	27.67	9.29	7.88	7.9	3.248	99.7
741	4/14/2012 6:01:33	10.69	42.19	26.99	9.28	7.88	8.3	3.293	99.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
742	4/14/2012 6:16:33	10.67	42.50	27.21	9.23	7.86	7.9	3.337	98.8
743	4/14/2012 6:31:33	10.63	44.53	28.65	9.15	7.88	6.7	3.359	98.7
744	4/14/2012 6:46:33	10.70	43.56	27.97	9.04	7.88	7.0	3.368	97.2
745	4/14/2012 7:01:33	10.71	43.52	27.94	9.07	7.89	7.0	3.367	97.5
746	4/14/2012 7:16:33	10.72	43.31	27.79	9.14	7.91	7.6	3.354	98.3
747	4/14/2012 7:31:33	10.70	43.63	28.02	9.12	7.85	7.5	3.341	98.1
748	4/14/2012 7:46:33	10.68	43.67	28.04	9.18	7.85	9.5	3.297	98.8
749	4/14/2012 8:01:33	10.69	41.40	26.44	9.10	7.90	9.3	3.234	96.9
750	4/14/2012 8:16:33	10.70	41.46	26.48	9.18	7.90	9.5	3.180	97.8
751	4/14/2012 8:31:33	10.71	42.13	26.95	9.22	7.90	10.3	3.095	98.5
752	4/14/2012 8:46:33	10.77	41.46	26.48	9.18	7.85	12.2	3.024	97.9
753	4/14/2012 9:01:33	10.79	40.98	26.15	9.17	7.89	12.6	2.937	97.7
754	4/14/2012 9:16:33	10.79	40.58	25.86	9.15	7.83	11.8	2.861	97.4
755	4/14/2012 9:31:33	10.95	39.50	25.11	9.16	7.81	11.9	2.781	97.3
756	4/14/2012 9:46:33	11.06	39.07	24.81	9.26	7.81	11.1	2.698	98.4
757	4/14/2012 10:01:33	11.27	39.30	24.99	9.34	7.86	9.7	2.592	99.9
758	4/14/2012 10:16:33	11.46	39.41	25.07	9.41	7.83	9.0	2.504	101.0
759	4/14/2012 10:31:33	11.60	39.22	24.94	9.49	7.84	8.9	2.414	102.1
760	4/14/2012 10:46:33	11.76	39.22	24.95	9.51	7.88	9.1	2.307	102.7
761	4/14/2012 11:01:33	11.99	38.85	24.70	9.39	7.87	10.3	2.214	101.7
762	4/14/2012 11:16:33	11.89	38.71	24.60	9.67	7.87	10.9	2.107	104.5
763	4/14/2012 11:31:33	11.95	38.74	24.62	9.56	7.84	10.1	1.991	103.5
764	4/14/2012 11:46:33	11.93	38.89	24.72	9.41	7.89	10.7	1.885	101.8
765	4/14/2012 12:01:33	12.01	38.92	24.74	9.27	7.83	10.5	1.812	100.5
766	4/14/2012 12:16:33	11.56	39.39	25.06	9.26	7.85	10.1	1.712	99.6
767	4/14/2012 12:31:33	11.69	39.13	24.88	9.22	7.85	9.0	1.659	99.4
768	4/14/2012 12:46:33	11.99	38.70	24.59	9.22	7.86	8.4	1.602	99.9
769	4/14/2012 13:01:33	11.96	38.66	24.56	9.22	7.84	7.8	1.548	99.8
770	4/14/2012 13:16:33	12.52	38.45	24.43	9.21	7.89	8.2	1.560	100.7
771	4/14/2012 13:31:33	12.83	38.66	24.59	9.69	7.89	9.0	1.531	106.8
772	4/14/2012 13:46:33	12.28	38.82	24.69	9.51	7.84	8.4	1.531	103.7
773	4/14/2012 14:01:33	12.58	38.50	24.47	9.55	7.87	8.3	1.576	104.6
774	4/14/2012 14:16:33	12.27	38.55	24.50	9.49	7.90	7.9	1.592	103.3
775	4/14/2012 14:31:33	12.07	38.89	24.73	9.40	7.86	8.1	1.649	102.0
776	4/14/2012 14:46:33	11.93	38.83	24.68	9.27	7.83	7.5	1.706	100.3
777	4/14/2012 15:01:33	11.94	38.76	24.63	9.28	7.83	7.3	1.764	100.4
778	4/14/2012 15:16:33	12.26	38.35	24.35	9.29	7.84	8.4	1.833	101.0
779	4/14/2012 15:31:33	11.94	38.64	24.54	9.25	7.84	7.9	1.899	100.0
780	4/14/2012 15:46:33	11.84	38.76	24.63	9.17	7.84	8.4	1.963	99.0
781	4/14/2012 16:01:33	11.78	38.73	24.60	9.16	7.84	8.6	2.038	98.7
782	4/14/2012 16:16:33	11.51	39.22	24.94	9.14	7.84	9.4	2.125	98.1
783	4/14/2012 16:31:33	11.51	39.32	25.01	9.17	7.86	9.5	2.208	98.5
784	4/14/2012 16:46:33	11.49	39.56	25.18	9.16	7.84	8.7	2.274	98.5
785	4/14/2012 17:01:33	11.39	40.02	25.50	9.18	7.86	9.7	2.359	98.7
786	4/14/2012 17:16:33	11.42	40.01	25.49	9.21	7.84	9.7	2.455	99.1
787	4/14/2012 17:31:33	11.31	40.35	25.73	9.18	7.84	9.4	2.535	98.7
788	4/14/2012 17:46:33	11.29	40.52	25.84	9.22	7.87	9.9	2.612	99.1
789	4/14/2012 18:01:33	11.38	40.43	25.78	9.25	7.84	9.7	2.683	99.6
790	4/14/2012 18:16:33	11.32	40.63	25.92	9.25	7.85	9.4	2.763	99.6
791	4/14/2012 18:31:33	11.35	40.54	25.86	9.28	7.83	9.5	2.831	99.9
792	4/14/2012 18:46:33	11.39	40.60	25.90	9.28	7.81	9.6	2.898	100.0
793	4/14/2012 19:01:33	11.28	40.97	26.16	9.26	7.82	9.9	2.967	99.8
794	4/14/2012 19:16:33	11.17	41.19	26.31	9.30	7.82	9.4	3.039	100.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
795	4/14/2012 19:31:33	11.04	41.51	26.53	9.22	7.86	9.2	3.097	99.0
796	4/14/2012 19:46:33	10.94	42.19	27.01	9.23	7.85	9.0	3.159	99.2
797	4/14/2012 20:01:33	10.92	42.62	27.31	9.27	7.81	9.0	3.193	99.8
798	4/14/2012 20:16:33	10.93	42.67	27.35	9.18	7.82	7.9	3.222	98.8
799	4/14/2012 20:31:33	10.94	42.84	27.47	9.24	7.81	7.2	3.258	99.6
800	4/14/2012 20:46:33	10.95	42.85	27.47	9.27	7.82	9.5	3.265	100.0
801	4/14/2012 21:01:33	10.95	42.75	27.41	9.24	7.82	8.7	3.258	99.6
802	4/14/2012 21:16:33	10.97	42.41	27.16	9.26	7.83	9.4	3.242	99.7
803	4/14/2012 21:31:33	11.23	41.19	26.32	9.21	7.82	12.4	3.213	99.2
804	4/14/2012 21:46:33	11.28	41.04	26.21	9.22	7.82	11.0	3.167	99.3
805	4/14/2012 22:01:33	11.22	41.31	26.40	9.24	7.82	10.3	3.115	99.5
806	4/14/2012 22:16:33	11.27	41.43	26.49	9.30	7.83	10.5	3.045	100.3
807	4/14/2012 22:31:33	11.38	41.41	26.47	9.33	7.85	10.1	2.977	100.9
808	4/14/2012 22:46:33	11.58	40.60	25.91	9.26	7.87	11.9	2.907	100.2
809	4/14/2012 23:01:33	11.58	40.42	25.78	9.25	7.84	11.0	2.834	100.0
810	4/14/2012 23:16:33	11.55	40.28	25.69	9.23	7.84	10.4	2.762	99.6
811	4/14/2012 23:31:33	11.57	40.35	25.74	9.17	7.87	10.6	2.684	99.1
812	4/14/2012 23:46:33	11.66	39.60	25.21	9.17	7.86	11.7	2.610	98.9
813	4/15/2012 0:01:33	11.65	39.52	25.16	9.13	7.86	10.9	2.547	98.5
814	4/15/2012 0:16:33	11.81	39.45	25.11	9.12	7.85	10.8	2.483	98.6
815	4/15/2012 0:31:33	11.82	39.57	25.19	9.07	7.80	10.6	2.402	98.3
816	4/15/2012 0:46:33	11.93	39.49	25.14	9.10	7.80	10.6	2.350	98.8
817	4/15/2012 1:01:33	12.06	39.22	24.96	9.10	7.81	10.9	2.299	98.9
818	4/15/2012 1:16:33	12.05	39.31	25.02	9.05	7.81	10.3	2.248	98.4
819	4/15/2012 1:31:33	12.13	39.17	24.93	9.09	7.86	9.7	2.214	98.9
820	4/15/2012 1:46:33	12.33	38.79	24.66	9.09	7.86	9.7	2.194	99.2
821	4/15/2012 2:01:33	12.12	39.09	24.87	8.94	7.86	8.9	2.169	97.2
822	4/15/2012 2:16:33	12.05	39.03	24.82	8.99	7.80	9.2	2.169	97.6
823	4/15/2012 2:31:33	12.22	38.86	24.71	9.08	7.84	9.1	2.179	98.8
824	4/15/2012 2:46:33	12.25	38.75	24.64	9.12	7.81	9.0	2.186	99.3
825	4/15/2012 3:01:33	12.09	38.82	24.68	9.07	7.81	9.6	2.219	98.5
826	4/15/2012 3:16:33	12.13	38.86	24.71	9.07	7.84	9.5	2.247	98.6
827	4/15/2012 3:31:33	11.97	39.05	24.83	9.01	7.86	9.8	2.290	97.7
828	4/15/2012 3:46:33	11.97	38.98	24.79	9.01	7.83	10.1	2.352	97.6
829	4/15/2012 4:01:33	11.85	39.02	24.81	9.03	7.85	11.3	2.392	97.6
830	4/15/2012 4:16:33	11.73	39.40	25.07	9.01	7.81	9.5	2.452	97.3
831	4/15/2012 4:31:33	11.56	40.08	25.54	9.04	7.85	9.0	2.515	97.6
832	4/15/2012 4:46:33	11.53	40.15	25.59	9.08	7.88	9.0	2.572	98.0
833	4/15/2012 5:01:33	11.52	40.21	25.64	9.10	7.84	9.3	2.630	98.1
834	4/15/2012 5:16:33	11.51	40.24	25.66	9.13	7.86	9.0	2.684	98.5
835	4/15/2012 5:31:33	11.46	40.49	25.83	9.15	7.84	9.3	2.757	98.7
836	4/15/2012 5:46:33	11.47	40.64	25.94	9.17	7.84	10.2	2.817	99.1
837	4/15/2012 6:01:33	11.43	40.76	26.02	9.16	7.81	8.7	2.862	98.9
838	4/15/2012 6:16:33	11.32	41.56	26.58	9.16	7.81	8.6	2.932	99.0
839	4/15/2012 6:31:33	11.23	42.35	27.14	9.18	7.88	8.4	2.995	99.4
840	4/15/2012 6:46:33	11.18	42.80	27.45	9.17	7.85	8.7	3.042	99.3
841	4/15/2012 7:01:33	11.17	42.87	27.50	9.16	7.85	7.9	3.093	99.2
842	4/15/2012 7:16:33	11.16	42.85	27.48	9.15	7.86	7.6	3.156	99.1
843	4/15/2012 7:31:33	11.11	43.25	27.76	9.16	7.86	7.2	3.194	99.2
844	4/15/2012 7:46:33	11.07	43.81	28.16	9.16	7.89	7.0	3.221	99.4
845	4/15/2012 8:01:33	11.16	43.02	27.60	9.11	7.89	7.0	3.246	98.7
846	4/15/2012 8:16:33	11.11	43.43	27.89	9.03	7.83	6.2	3.256	98.0
847	4/15/2012 8:31:33	11.07	43.82	28.17	9.07	7.88	7.2	3.255	98.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	4/15/2012 8:46:33	11.17	42.91	27.53	9.04	7.83	7.2	3.227	98.0
849	4/15/2012 9:01:33	11.16	42.98	27.58	9.08	7.83	8.4	3.195	98.4
850	4/15/2012 9:16:33	11.18	42.63	27.33	9.10	7.86	8.9	3.140	98.5
851	4/15/2012 9:31:33	11.30	41.27	26.38	9.17	7.86	8.7	3.082	98.9
852	4/15/2012 9:46:33	11.27	41.72	26.69	9.21	7.83	9.5	3.008	99.5
853	4/15/2012 10:01:33	11.45	41.22	26.34	9.15	7.86	12.0	2.921	99.0
854	4/15/2012 10:16:33	11.48	41.05	26.23	9.13	7.86	10.4	2.846	98.8
855	4/15/2012 10:31:33	11.75	40.52	25.86	9.18	7.84	9.5	2.752	99.7
856	4/15/2012 10:46:33	11.96	40.22	25.65	9.20	7.87	8.6	2.667	100.2
857	4/15/2012 11:01:33	12.18	39.86	25.41	9.34	7.88	8.4	2.572	102.0
858	4/15/2012 11:16:33	12.48	39.78	25.37	9.38	7.88	9.2	2.486	103.1
859	4/15/2012 11:31:33	12.36	39.36	25.06	9.31	7.82	9.5	2.389	101.9
860	4/15/2012 11:46:33	12.82	39.19	24.96	9.70	7.86	8.3	2.282	107.1
861	4/15/2012 12:01:33	13.00	38.98	24.82	9.49	7.85	9.2	2.183	105.1
862	4/15/2012 12:16:33	13.01	38.94	24.79	9.61	7.88	8.8	2.083	106.5
863	4/15/2012 12:31:33	13.51	38.79	24.69	9.66	7.88	8.4	1.993	108.1
864	4/15/2012 12:46:33	13.16	38.82	24.71	9.38	7.84	8.7	1.888	104.2
865	4/15/2012 13:01:33	12.80	38.86	24.72	9.17	7.85	8.6	1.804	101.1
866	4/15/2012 13:16:33	12.79	38.92	24.77	9.22	7.88	8.3	1.738	101.7
867	4/15/2012 13:31:33	13.56	38.43	24.44	9.38	7.90	8.0	1.672	104.9
868	4/15/2012 13:46:33	13.10	38.59	24.54	9.16	7.83	7.5	1.613	101.5
869	4/15/2012 14:01:33	13.51	38.54	24.52	9.13	7.90	6.6	1.594	102.0
870	4/15/2012 14:16:33	13.91	38.40	24.43	9.37	7.86	7.3	1.572	105.5
871	4/15/2012 14:31:33	13.96	38.56	24.54	9.62	7.87	7.4	1.583	108.5
872	4/15/2012 14:46:33	13.87	38.50	24.50	9.56	7.88	7.4	1.585	107.6
873	4/15/2012 15:01:33	13.58	38.65	24.60	9.54	7.87	7.3	1.613	106.8
874	4/15/2012 15:16:33	13.66	38.48	24.48	9.43	7.85	6.9	1.658	105.7
875	4/15/2012 15:31:33	13.27	38.58	24.54	9.29	7.88	6.8	1.703	103.3
876	4/15/2012 15:46:33	12.76	38.88	24.74	9.13	7.87	6.5	1.752	100.6
877	4/15/2012 16:01:33	12.70	38.96	24.79	9.07	7.87	6.8	1.813	99.9
878	4/15/2012 16:16:33	12.89	38.77	24.67	9.13	7.87	7.3	1.879	100.8
879	4/15/2012 16:31:33	13.00	38.59	24.54	9.16	7.87	7.9	1.945	101.3
880	4/15/2012 16:46:33	12.66	38.86	24.72	9.10	7.87	7.8	2.025	100.0
881	4/15/2012 17:01:33	12.42	39.29	25.01	9.07	7.84	7.9	2.089	99.4
882	4/15/2012 17:16:33	12.46	39.45	25.13	9.12	7.84	8.1	2.176	100.1
883	4/15/2012 17:31:33	12.56	39.23	24.98	9.16	7.87	9.5	2.260	100.7
884	4/15/2012 17:46:33	12.50	39.57	25.22	9.19	7.87	8.4	2.339	101.0
885	4/15/2012 18:01:33	12.41	39.79	25.37	9.21	7.83	8.8	2.428	101.1
886	4/15/2012 18:16:33	12.41	39.94	25.47	9.19	7.84	8.3	2.508	101.0
887	4/15/2012 18:31:33	12.30	40.31	25.73	9.20	7.81	8.6	2.597	101.0
888	4/15/2012 18:46:33	12.52	40.28	25.72	9.30	7.85	8.8	2.674	102.6
889	4/15/2012 19:01:33	12.40	40.36	25.77	9.30	7.87	8.6	2.754	102.3
890	4/15/2012 19:16:33	12.11	40.70	26.00	9.27	7.85	9.0	2.825	101.5
891	4/15/2012 19:31:33	12.08	40.80	26.07	9.28	7.82	8.7	2.909	101.7
892	4/15/2012 19:46:33	11.83	41.43	26.51	9.25	7.83	9.0	2.988	101.0
893	4/15/2012 20:01:33	11.49	42.75	27.43	9.18	7.82	12.0	3.047	100.0
894	4/15/2012 20:16:33	11.46	43.22	27.76	9.19	7.86	14.3	3.129	100.4
895	4/15/2012 20:31:33	11.49	43.66	28.08	9.20	7.86	14.1	3.186	100.8
896	4/15/2012 20:46:33	11.54	44.09	28.38	9.14	7.85	10.1	3.244	100.4
897	4/15/2012 21:01:33	11.54	44.47	28.65	9.13	7.85	10.3	3.287	100.5
898	4/15/2012 21:16:33	11.55	44.41	28.61	9.02	7.86	7.6	3.315	99.2
899	4/15/2012 21:31:33	11.55	44.25	28.49	9.03	7.86	7.4	3.344	99.3
900	4/15/2012 21:46:33	11.54	44.70	28.82	9.09	7.90	10.0	3.336	100.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
901	4/15/2012 22:01:33	11.54	44.44	28.63	9.12	7.92	10.3	3.310	100.3
902	4/15/2012 22:16:33	11.53	43.55	27.99	9.11	7.87	10.0	3.289	99.8
903	4/15/2012 22:31:33	11.56	43.51	27.97	9.12	7.87	9.8	3.239	100.0
904	4/15/2012 22:46:33	11.69	42.78	27.45	9.09	7.87	10.3	3.169	99.6
905	4/15/2012 23:01:33	11.64	42.84	27.49	9.13	7.89	14.5	3.088	99.9
906	4/15/2012 23:16:33	11.79	42.00	26.91	9.13	7.89	12.7	3.021	99.8
907	4/15/2012 23:31:33	11.99	41.28	26.40	9.09	7.82	10.8	2.940	99.6
908	4/15/2012 23:46:33	12.04	41.01	26.22	9.08	7.82	9.0	2.857	99.4
909	4/16/2012 0:01:33	12.14	40.79	26.06	9.07	7.84	8.9	2.766	99.4
910	4/16/2012 0:16:33	12.12	40.86	26.11	9.00	7.82	8.7	2.679	98.7
911	4/16/2012 0:31:33	12.18	40.71	26.01	9.01	7.83	8.5	2.606	98.8
912	4/16/2012 0:46:33	12.37	40.04	25.54	9.02	7.83	9.1	2.515	99.0
913	4/16/2012 1:01:33	12.53	39.62	25.26	9.09	7.83	8.2	2.434	100.0
914	4/16/2012 1:16:33	12.65	39.48	25.16	9.13	7.86	8.9	2.354	100.7
915	4/16/2012 1:31:33	12.67	39.68	25.30	9.06	7.84	7.9	2.275	100.0
916	4/16/2012 1:46:33	12.98	39.20	24.97	9.08	7.89	8.0	2.197	100.6
917	4/16/2012 2:01:33	13.05	39.19	24.97	9.15	7.87	7.7	2.124	101.5
918	4/16/2012 2:16:33	13.41	38.53	24.51	9.29	7.85	7.7	2.071	103.6
919	4/16/2012 2:31:33	13.49	38.47	24.47	9.27	7.88	7.7	2.016	103.5
920	4/16/2012 2:46:33	13.59	38.36	24.39	9.31	7.91	7.4	1.988	104.1
921	4/16/2012 3:01:33	13.34	38.72	24.64	8.90	7.89	6.5	1.961	99.2
922	4/16/2012 3:16:33	13.03	39.09	24.89	9.10	7.85	7.4	1.958	100.9
923	4/16/2012 3:31:33	13.01	39.06	24.87	9.09	7.86	6.8	1.975	100.7
924	4/16/2012 3:46:33	13.07	38.91	24.77	9.06	7.86	7.6	1.984	100.5
925	4/16/2012 4:01:33	13.14	38.87	24.74	9.12	7.85	7.8	2.035	101.3
926	4/16/2012 4:16:33	13.05	38.84	24.72	9.12	7.82	8.2	2.077	101.0
927	4/16/2012 4:31:33	12.97	39.03	24.85	9.05	7.84	8.2	2.129	100.3
928	4/16/2012 4:46:33	13.06	38.66	24.59	9.05	7.85	8.1	2.194	100.2
929	4/16/2012 5:01:33	12.83	38.82	24.70	9.02	7.80	8.8	2.248	99.5
930	4/16/2012 5:16:33	12.55	39.63	25.26	8.97	7.86	9.0	2.307	98.7
931	4/16/2012 5:31:33	12.48	39.94	25.48	8.96	7.80	7.9	2.371	98.5
932	4/16/2012 5:46:33	12.39	40.24	25.69	8.95	7.80	7.9	2.436	98.4
933	4/16/2012 6:01:33	12.34	40.37	25.77	8.97	7.82	8.0	2.489	98.6
934	4/16/2012 6:16:33	12.32	40.50	25.87	8.97	7.86	7.8	2.564	98.7
935	4/16/2012 6:31:33	12.21	40.59	25.92	9.04	7.81	8.4	2.624	99.1
936	4/16/2012 6:46:33	12.13	40.82	26.08	9.05	7.81	7.3	2.685	99.2
937	4/16/2012 7:01:33	12.12	41.02	26.23	9.04	7.80	7.6	2.757	99.2
938	4/16/2012 7:16:33	12.07	41.15	26.32	9.05	7.83	6.9	2.817	99.2
939	4/16/2012 7:31:33	11.99	41.21	26.36	9.05	7.83	8.8	2.898	99.0
940	4/16/2012 7:46:33	11.97	41.24	26.37	9.06	7.87	7.8	2.955	99.2
941	4/16/2012 8:01:33	11.80	41.79	26.76	9.04	7.82	7.2	3.024	98.8
942	4/16/2012 8:16:33	11.72	42.43	27.21	9.05	7.86	7.5	3.094	99.0
943	4/16/2012 8:31:33	11.59	43.73	28.13	8.98	7.84	8.2	3.145	98.5
944	4/16/2012 8:46:33	11.54	43.97	28.29	8.94	7.84	7.7	3.189	98.2
945	4/16/2012 9:01:33	11.52	44.17	28.44	8.93	7.84	6.5	3.220	98.1
946	4/16/2012 9:16:33	11.54	43.90	28.25	8.86	7.84	6.2	3.250	97.2
947	4/16/2012 9:31:33	11.54	44.02	28.33	8.68	7.92	5.9	3.251	95.2
948	4/16/2012 9:46:33	11.52	44.25	28.50	8.91	7.90	7.7	3.241	97.9
949	4/16/2012 10:01:33	11.53	44.21	28.46	8.92	7.90	7.3	3.212	98.0
950	4/16/2012 10:16:33	11.65	43.53	27.99	8.94	7.90	7.6	3.172	98.2
951	4/16/2012 10:31:33	11.81	42.86	27.52	8.95	7.90	7.5	3.117	98.3
952	4/16/2012 10:46:33	11.84	42.64	27.36	8.96	7.91	8.0	3.047	98.4
953	4/16/2012 11:01:33	12.11	41.82	26.79	9.02	7.91	8.5	2.968	99.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	4/16/2012 11:16:33	12.10	41.89	26.84	9.02	7.85	9.1	2.890	99.3
955	4/16/2012 11:31:33	12.56	40.87	26.13	9.09	7.91	9.0	2.798	100.6
956	4/16/2012 11:46:33	12.76	40.62	25.97	9.19	7.91	7.8	2.719	102.0
957	4/16/2012 12:01:33	12.78	40.64	25.98	9.14	7.91	7.5	2.615	101.6
958	4/16/2012 12:16:33	12.90	40.51	25.89	9.36	7.86	7.7	2.527	104.2
959	4/16/2012 12:31:33	12.99	40.27	25.72	9.37	7.86	7.8	2.430	104.3
960	4/16/2012 12:46:33	13.25	40.22	25.69	9.55	7.94	7.2	2.340	107.0
961	4/16/2012 13:01:33	13.44	39.67	25.31	9.45	7.90	7.2	2.239	106.0
962	4/16/2012 13:16:33	13.72	39.95	25.52	9.76	7.96	6.5	2.148	110.2
963	4/16/2012 13:31:33	13.74	39.50	25.20	9.73	7.92	6.6	2.056	109.7
964	4/16/2012 13:46:33	13.82	39.30	25.06	9.69	7.93	7.2	1.962	109.4
965	4/16/2012 14:01:33	13.97	39.28	25.05	9.68	7.91	8.0	1.887	109.6
966	4/16/2012 14:16:33	13.75	39.29	25.05	9.45	7.94	6.5	1.817	106.5
967	4/16/2012 14:31:33	13.87	39.32	25.07	9.52	7.94	7.8	1.771	107.6
968	4/16/2012 14:46:33	13.96	39.11	24.93	9.31	7.91	11.7	1.709	105.3
969	4/16/2012 15:01:33	13.96	39.21	25.00	9.34	7.90	12.7	1.702	105.7
970	4/16/2012 15:16:33	13.94	39.05	24.88	9.49	7.95	8.3	1.679	107.3
971	4/16/2012 15:31:33	13.90	38.95	24.82	9.48	7.93	6.9	1.692	107.0
972	4/16/2012 15:46:33	13.82	39.02	24.86	9.45	7.94	8.6	1.716	106.6
973	4/16/2012 16:01:33	13.41	39.53	25.21	9.27	7.93	9.0	1.737	103.8
974	4/16/2012 16:16:33	13.87	37.73	23.96	9.39	7.87	14.7	1.778	105.4
975	4/16/2012 16:31:33	13.44	39.31	25.06	9.21	7.87	7.2	1.825	103.2
976	4/16/2012 16:46:33	13.50	38.92	24.78	9.29	7.86	7.9	1.895	103.9
977	4/16/2012 17:01:33	13.50	38.94	24.80	9.21	7.91	8.1	1.947	103.1
978	4/16/2012 17:16:33	13.45	38.82	24.72	9.19	7.87	8.6	2.017	102.7
979	4/16/2012 17:31:33	13.48	38.61	24.56	9.18	7.90	8.2	2.103	102.6
980	4/16/2012 17:46:33	13.38	38.88	24.76	9.21	7.85	7.9	2.187	102.8
981	4/16/2012 18:01:33	13.30	38.97	24.81	9.21	7.90	7.7	2.260	102.6
982	4/16/2012 18:16:33	12.96	40.08	25.59	9.09	7.85	7.3	2.342	101.1
983	4/16/2012 18:31:33	12.71	40.80	26.09	9.07	7.88	7.8	2.418	100.7
984	4/16/2012 18:46:33	12.62	41.03	26.25	9.11	7.89	7.9	2.504	101.0
985	4/16/2012 19:01:33	12.53	41.28	26.42	9.08	7.88	8.5	2.584	100.7
986	4/16/2012 19:16:33	12.45	41.47	26.55	9.12	7.88	7.2	2.671	100.9
987	4/16/2012 19:31:33	12.40	41.52	26.59	9.13	7.86	7.8	2.750	101.0
988	4/16/2012 19:46:33	12.23	42.11	27.00	9.05	7.91	7.5	2.827	100.0
989	4/16/2012 20:01:33	12.10	42.36	27.17	9.02	7.88	8.9	2.909	99.5
990	4/16/2012 20:16:33	12.00	42.75	27.45	9.01	7.92	11.0	2.991	99.3
991	4/16/2012 20:31:33	11.98	42.99	27.61	9.05	7.89	12.9	3.060	99.9
992	4/16/2012 20:46:33	11.94	43.36	27.88	9.11	7.93	13.3	3.148	100.5
993	4/16/2012 21:01:33	11.84	43.91	28.26	9.12	7.91	14.4	3.221	100.7
994	4/16/2012 21:16:33	11.80	44.19	28.46	9.10	7.94	11.3	3.290	100.5
995	4/16/2012 21:31:33	11.73	44.54	28.71	9.13	7.92	10.3	3.350	100.8
996	4/16/2012 21:46:33	11.68	44.77	28.87	9.11	7.92	8.3	3.416	100.7
997	4/16/2012 22:01:33	11.65	44.89	28.95	9.10	7.93	7.8	3.418	100.6
998	4/16/2012 22:16:33	11.72	44.70	28.82	9.09	7.93	8.9	3.416	100.4
999	4/16/2012 22:31:33	11.64	44.96	29.00	9.08	7.93	9.1	3.428	100.3
1000	4/16/2012 22:46:33	11.68	44.87	28.95	9.11	7.94	9.7	3.441	100.7
1001	4/16/2012 23:01:33	11.90	43.74	28.15	9.03	7.93	10.8	3.370	99.8
1002	4/16/2012 23:16:33	12.13	42.71	27.42	8.94	7.93	9.2	3.304	98.8
1003	4/16/2012 23:31:33	12.17	42.57	27.33	9.00	7.87	8.6	3.217	99.5
1004	4/16/2012 23:46:33	12.17	42.51	27.28	9.01	7.89	9.5	3.158	99.6
1005	4/17/2012 0:01:33	12.22	42.28	27.12	9.00	7.86	9.1	3.063	99.5
1006	4/17/2012 0:16:33	12.18	42.38	27.19	8.96	7.91	8.9	2.980	99.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1007	4/17/2012 0:31:33	12.37	41.67	26.69	8.96	7.85	9.0	2.883	99.1
1008	4/17/2012 0:46:33	12.22	42.17	27.04	8.92	7.87	8.1	2.806	98.5
1009	4/17/2012 1:01:33	12.44	41.51	26.58	8.88	7.87	8.3	2.706	98.3
1010	4/17/2012 1:16:33	12.47	41.44	26.53	8.87	7.84	8.3	2.599	98.2
1011	4/17/2012 1:31:33	12.54	41.15	26.33	8.84	7.86	7.7	2.516	97.9
1012	4/17/2012 1:46:33	12.78	40.47	25.85	8.84	7.86	8.8	2.432	98.1
1013	4/17/2012 2:01:33	12.83	40.30	25.74	8.85	7.83	8.2	2.326	98.3
1014	4/17/2012 2:16:33	12.84	40.28	25.72	8.85	7.87	7.9	2.232	98.3
1015	4/17/2012 2:31:33	12.93	40.10	25.60	8.86	7.89	8.1	2.138	98.5
1016	4/17/2012 2:46:33	13.14	39.68	25.31	8.88	7.91	8.1	2.062	99.0
1017	4/17/2012 3:01:33	13.19	39.61	25.26	8.87	7.87	8.6	1.990	99.0
1018	4/17/2012 3:16:33	13.30	39.37	25.10	8.94	7.87	8.0	1.914	99.9
1019	4/17/2012 3:31:33	13.34	39.25	25.01	8.92	7.91	7.8	1.873	99.6
1020	4/17/2012 3:46:33	13.14	39.65	25.29	8.70	7.89	7.3	1.845	97.0
1021	4/17/2012 4:01:33	13.17	39.59	25.25	8.65	7.84	6.7	1.805	96.4
1022	4/17/2012 4:16:33	13.11	39.59	25.25	8.78	7.89	6.9	1.819	97.7
1023	4/17/2012 4:31:33	13.34	39.25	25.02	8.91	7.89	6.6	1.834	99.5
1024	4/17/2012 4:46:33	13.08	39.75	25.36	8.84	7.84	7.8	1.870	98.4
1025	4/17/2012 5:01:33	13.31	39.29	25.04	8.96	7.84	7.0	1.895	100.1
1026	4/17/2012 5:16:33	13.22	39.23	25.00	8.88	7.84	6.7	1.941	99.0
1027	4/17/2012 5:31:33	13.27	38.92	24.78	8.91	7.86	9.5	2.039	99.2
1028	4/17/2012 5:46:33	13.17	39.13	24.92	8.85	7.85	8.6	2.109	98.5
1029	4/17/2012 6:01:33	13.05	39.31	25.05	8.80	7.85	8.1	2.159	97.7
1030	4/17/2012 6:16:33	12.98	39.47	25.16	8.78	7.83	7.9	2.223	97.4
1031	4/17/2012 6:31:33	12.90	39.93	25.48	8.80	7.85	7.6	2.297	97.7
1032	4/17/2012 6:46:33	12.83	40.25	25.70	8.81	7.86	7.8	2.371	97.8
1033	4/17/2012 7:01:33	12.74	40.49	25.87	8.81	7.89	7.5	2.439	97.7
1034	4/17/2012 7:16:33	12.60	40.92	26.17	8.84	7.83	7.6	2.515	97.9
1035	4/17/2012 7:31:33	12.56	40.96	26.20	8.86	7.89	7.5	2.575	98.1
1036	4/17/2012 7:46:33	12.46	41.33	26.46	8.86	7.89	7.4	2.644	98.1
1037	4/17/2012 8:01:33	12.40	41.57	26.63	8.87	7.89	7.5	2.711	98.1
1038	4/17/2012 8:16:33	12.32	41.88	26.84	8.84	7.87	7.8	2.779	97.8
1039	4/17/2012 8:31:33	12.17	42.47	27.25	8.86	7.88	8.9	2.855	98.0
1040	4/17/2012 8:46:33	12.14	42.56	27.32	8.89	7.88	8.6	2.919	98.3
1041	4/17/2012 9:01:33	12.09	42.89	27.55	8.89	7.91	8.1	2.989	98.3
1042	4/17/2012 9:16:33	12.03	43.08	27.68	8.90	7.88	8.7	3.059	98.4
1043	4/17/2012 9:31:33	12.00	43.06	27.67	8.92	7.88	8.4	3.115	98.5
1044	4/17/2012 9:46:33	11.96	43.16	27.74	8.94	7.92	8.1	3.173	98.6
1045	4/17/2012 10:01:33	11.91	43.30	27.84	8.96	7.89	7.2	3.218	98.8
1046	4/17/2012 10:16:33	11.86	43.42	27.92	8.97	7.91	7.5	3.229	98.9
1047	4/17/2012 10:31:33	11.96	43.32	27.85	8.84	7.91	6.0	3.257	97.7
1048	4/17/2012 10:46:33	11.87	43.45	27.94	8.99	7.87	7.6	3.257	99.1
1049	4/17/2012 11:01:33	11.84	43.57	28.02	8.99	7.87	8.4	3.231	99.2
1050	4/17/2012 11:16:33	11.88	43.39	27.90	8.98	7.87	9.4	3.199	99.0
1051	4/17/2012 11:31:33	12.21	42.65	27.38	9.01	7.87	10.2	3.141	99.7
1052	4/17/2012 11:46:33	12.25	42.47	27.26	8.99	7.86	9.7	3.059	99.5
1053	4/17/2012 12:01:33	12.47	42.10	27.00	9.02	7.92	9.3	2.981	100.1
1054	4/17/2012 12:16:33	12.47	41.83	26.81	8.95	7.89	8.7	2.914	99.3
1055	4/17/2012 12:31:33	12.55	41.65	26.69	8.99	7.91	9.7	2.800	99.9
1056	4/17/2012 12:46:33	12.73	41.21	26.38	9.10	7.90	8.3	2.709	101.3
1057	4/17/2012 13:01:33	12.77	41.03	26.25	9.15	7.89	7.9	2.612	101.8
1058	4/17/2012 13:16:33	12.86	40.70	26.03	9.28	7.91	8.2	2.520	103.2
1059	4/17/2012 13:31:33	12.94	40.76	26.07	9.34	7.93	8.5	2.432	104.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	4/17/2012 13:46:33	13.09	40.47	25.87	9.39	7.96	8.0	2.332	104.9
1061	4/17/2012 14:01:33	13.23	40.53	25.91	9.62	7.94	7.0	2.251	107.8
1062	4/17/2012 14:16:33	13.38	39.92	25.49	9.46	7.96	6.9	2.150	106.1
1063	4/17/2012 14:31:33	13.48	39.77	25.38	9.53	7.94	6.7	2.071	107.0
1064	4/17/2012 14:46:33	13.59	39.73	25.35	9.52	7.95	6.6	1.991	107.1
1065	4/17/2012 15:01:33	13.66	39.48	25.18	9.44	7.95	6.2	1.909	106.3
1066	4/17/2012 15:16:33	13.71	39.60	25.27	9.46	7.94	6.1	1.865	106.7
1067	4/17/2012 15:31:33	13.69	39.45	25.16	9.34	7.90	6.1	1.819	105.2
1068	4/17/2012 15:46:33	13.66	39.44	25.16	9.17	7.95	5.6	1.762	103.3
1069	4/17/2012 16:01:33	13.68	39.39	25.12	8.88	7.94	5.1	1.756	99.9
1070	4/17/2012 16:16:33	13.50	39.53	25.21	9.08	7.93	5.4	1.774	101.9
1071	4/17/2012 16:31:33	13.52	39.65	25.30	9.26	7.92	6.0	1.777	104.0
1072	4/17/2012 16:46:33	13.70	39.35	25.09	9.36	7.95	5.8	1.776	105.4
1073	4/17/2012 17:01:33	13.60	39.40	25.12	9.30	7.89	6.2	1.846	104.5
1074	4/17/2012 17:16:33	13.52	39.61	25.27	9.22	7.92	6.6	1.909	103.5
1075	4/17/2012 17:31:33	13.56	39.06	24.89	9.24	7.91	6.4	1.959	103.6
1076	4/17/2012 17:46:33	13.45	39.11	24.91	9.14	7.92	6.5	2.035	102.3
1077	4/17/2012 18:01:33	13.35	39.32	25.06	9.11	7.92	6.6	2.104	101.8
1078	4/17/2012 18:16:33	13.21	39.81	25.40	9.01	7.88	6.9	2.198	100.7
1079	4/17/2012 18:31:33	13.18	39.57	25.23	9.05	7.86	7.3	2.257	101.0
1080	4/17/2012 18:46:33	13.12	39.88	25.45	9.06	7.86	7.0	2.335	101.0
1081	4/17/2012 19:01:33	12.90	40.60	25.95	8.99	7.86	7.2	2.409	100.1
1082	4/17/2012 19:16:33	12.74	41.19	26.37	8.97	7.91	7.7	2.490	99.8
1083	4/17/2012 19:31:33	12.69	41.35	26.48	8.97	7.86	7.7	2.574	99.7
1084	4/17/2012 19:46:33	12.64	41.57	26.63	8.97	7.90	8.5	2.646	99.7
1085	4/17/2012 20:01:33	12.58	41.77	26.77	8.97	7.92	8.9	2.745	99.7
1086	4/17/2012 20:16:33	12.49	42.02	26.94	8.99	7.89	9.1	2.818	99.9
1087	4/17/2012 20:31:33	12.37	42.27	27.12	9.05	7.91	11.4	2.900	100.3
1088	4/17/2012 20:46:33	12.31	42.44	27.24	9.05	7.91	11.7	2.978	100.3
1089	4/17/2012 21:01:33	12.22	42.65	27.38	9.10	7.93	11.5	3.072	100.7
1090	4/17/2012 21:16:33	12.15	42.92	27.57	9.16	7.92	12.6	3.143	101.4
1091	4/17/2012 21:31:33	12.05	43.08	27.68	9.23	7.92	14.3	3.226	102.0
1092	4/17/2012 21:46:33	11.92	43.62	28.06	9.31	7.97	13.1	3.301	102.9
1093	4/17/2012 22:01:33	11.78	44.07	28.38	9.41	7.92	12.4	3.371	103.9
1094	4/17/2012 22:16:33	11.72	44.29	28.53	9.41	7.99	10.0	3.425	103.8
1095	4/17/2012 22:31:33	11.69	44.35	28.58	9.43	7.99	7.8	3.465	104.1
1096	4/17/2012 22:46:33	11.64	44.48	28.67	9.47	8.04	8.4	3.493	104.4
1097	4/17/2012 23:01:33	11.73	44.33	28.56	9.35	8.00	7.5	3.500	103.2
1098	4/17/2012 23:16:33	11.62	44.55	28.72	9.41	8.00	9.5	3.484	103.7
1099	4/17/2012 23:31:33	11.64	44.53	28.70	9.48	8.00	10.1	3.452	104.5
1100	4/17/2012 23:46:33	12.04	43.13	27.71	9.14	7.97	10.9	3.400	101.0
1101	4/18/2012 0:01:33	12.02	43.23	27.79	9.13	7.94	10.1	3.326	100.9
1102	4/18/2012 0:16:33	12.06	43.11	27.70	9.14	7.90	12.0	3.228	101.0
1103	4/18/2012 0:31:33	12.31	42.46	27.25	8.95	7.91	11.0	3.140	99.3
1104	4/18/2012 0:46:33	12.29	42.13	27.02	8.96	7.91	11.6	3.056	99.1
1105	4/18/2012 1:01:33	12.33	41.93	26.88	9.00	7.90	10.7	2.947	99.6
1106	4/18/2012 1:16:33	12.43	41.47	26.56	8.94	7.87	9.9	2.846	99.0
1107	4/18/2012 1:31:33	12.46	41.26	26.41	8.91	7.86	8.8	2.749	98.6
1108	4/18/2012 1:46:33	12.51	41.14	26.32	8.88	7.86	8.6	2.640	98.2
1109	4/18/2012 2:01:33	12.60	40.97	26.21	8.83	7.88	8.3	2.527	97.8
1110	4/18/2012 2:16:33	12.86	40.12	25.61	8.87	7.88	11.2	2.435	98.5
1111	4/18/2012 2:31:33	12.88	40.09	25.60	8.92	7.89	10.2	2.334	99.0
1112	4/18/2012 2:46:33	12.87	40.07	25.58	8.93	7.88	8.5	2.229	99.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1113	4/18/2012 3:01:33	12.90	40.03	25.55	8.89	7.86	8.4	2.127	98.7
1114	4/18/2012 3:16:33	13.01	39.69	25.31	8.95	7.87	8.2	2.023	99.5
1115	4/18/2012 3:31:33	13.00	39.78	25.38	8.93	7.91	8.3	1.930	99.2
1116	4/18/2012 3:46:33	13.06	39.50	25.18	8.96	7.90	8.2	1.839	99.6
1117	4/18/2012 4:01:33	13.17	39.41	25.12	8.94	7.92	8.7	1.767	99.6
1118	4/18/2012 4:16:33	13.22	39.33	25.07	8.90	7.88	8.5	1.716	99.2
1119	4/18/2012 4:31:33	13.27	39.28	25.04	8.86	7.90	8.1	1.667	98.9
1120	4/18/2012 4:46:33	13.16	39.36	25.08	8.67	7.90	7.3	1.648	96.6
1121	4/18/2012 5:01:33	13.11	39.60	25.26	8.82	7.91	7.5	1.658	98.2
1122	4/18/2012 5:16:33	13.09	39.59	25.25	8.83	7.91	7.6	1.651	98.3
1123	4/18/2012 5:31:33	13.09	39.60	25.26	8.85	7.89	7.9	1.696	98.4
1124	4/18/2012 5:46:33	13.05	39.51	25.19	8.85	7.91	7.9	1.745	98.4
1125	4/18/2012 6:01:33	13.04	39.32	25.06	8.88	7.89	7.4	1.816	98.6
1126	4/18/2012 6:16:33	13.02	39.23	24.99	8.82	7.87	7.7	1.884	97.8
1127	4/18/2012 6:31:33	13.03	39.29	25.04	8.83	7.87	7.7	1.954	98.1
1128	4/18/2012 6:46:33	13.03	39.12	24.91	8.81	7.87	7.7	2.027	97.7
1129	4/18/2012 7:01:33	13.02	39.30	25.04	8.81	7.89	7.5	2.107	97.8
1130	4/18/2012 7:16:33	12.90	39.39	25.10	8.80	7.88	8.3	2.189	97.5
1131	4/18/2012 7:31:33	12.82	39.73	25.34	8.80	7.89	7.8	2.267	97.4
1132	4/18/2012 7:46:33	12.76	40.02	25.54	8.80	7.89	7.3	2.332	97.4
1133	4/18/2012 8:01:33	12.62	41.01	26.23	8.82	7.91	7.6	2.415	97.8
1134	4/18/2012 8:16:33	12.60	41.18	26.35	8.84	7.88	7.5	2.501	98.0
1135	4/18/2012 8:31:33	12.59	41.02	26.24	8.86	7.91	7.8	2.572	98.2
1136	4/18/2012 8:46:33	12.56	41.46	26.55	8.84	7.89	8.3	2.648	98.0
1137	4/18/2012 9:01:33	12.47	41.66	26.69	8.85	7.89	8.4	2.719	98.1
1138	4/18/2012 9:16:33	12.36	41.97	26.90	8.89	7.89	9.6	2.811	98.5
1139	4/18/2012 9:31:33	12.32	42.04	26.95	8.92	7.91	9.9	2.870	98.7
1140	4/18/2012 9:46:33	12.27	42.24	27.10	8.95	7.98	10.0	2.939	99.0
1141	4/18/2012 10:01:33	12.18	42.45	27.24	9.01	7.99	9.5	3.020	99.6
1142	4/18/2012 10:16:33	12.13	42.64	27.38	9.04	7.97	9.1	3.077	99.9
1143	4/18/2012 10:31:33	12.07	42.76	27.46	9.06	7.97	8.7	3.141	100.1
1144	4/18/2012 10:46:33	11.95	43.22	27.78	9.13	7.93	8.3	3.197	100.8
1145	4/18/2012 11:01:33	11.85	43.54	28.00	9.24	8.00	7.6	3.237	102.0
1146	4/18/2012 11:16:33	11.82	43.80	28.18	9.23	7.97	7.3	3.275	101.8
1147	4/18/2012 11:31:33	11.89	43.55	28.01	9.16	7.96	7.6	3.275	101.1
1148	4/18/2012 11:46:33	11.79	43.95	28.29	9.30	8.00	9.1	3.255	102.6
1149	4/18/2012 12:01:33	11.84	43.76	28.16	9.28	7.97	9.2	3.229	102.4
1150	4/18/2012 12:16:33	12.24	42.63	27.37	9.19	7.94	8.9	3.189	101.8
1151	4/18/2012 12:31:33	12.42	42.17	27.05	9.06	7.94	10.1	3.117	100.5
1152	4/18/2012 12:46:33	12.28	42.28	27.12	9.04	7.95	13.1	3.027	100.1
1153	4/18/2012 13:01:33	12.63	41.90	26.87	9.14	7.92	7.8	2.934	101.8
1154	4/18/2012 13:16:33	12.71	41.63	26.67	9.11	7.97	7.5	2.866	101.4
1155	4/18/2012 13:31:33	12.77	41.46	26.56	9.10	7.94	7.3	2.774	101.5
1156	4/18/2012 13:46:33	12.78	41.41	26.52	9.15	7.93	7.5	2.684	101.9
1157	4/18/2012 14:01:33	12.85	41.26	26.41	9.13	7.90	7.1	2.596	101.9
1158	4/18/2012 14:16:33	12.93	40.87	26.14	9.16	7.90	7.5	2.502	102.2
1159	4/18/2012 14:31:33	13.00	40.97	26.22	9.32	7.96	6.5	2.438	104.2
1160	4/18/2012 14:46:33	13.09	40.68	26.02	9.34	7.93	6.7	2.326	104.5
1161	4/18/2012 15:01:33	13.19	40.37	25.80	9.39	7.94	7.2	2.244	105.1
1162	4/18/2012 15:16:33	13.29	39.96	25.51	9.36	7.89	6.7	2.166	104.8
1163	4/18/2012 15:31:33	13.35	39.86	25.45	9.41	7.89	6.5	2.083	105.4
1164	4/18/2012 15:46:33	13.38	39.62	25.27	9.36	7.91	6.1	2.012	104.8
1165	4/18/2012 16:01:33	13.44	39.54	25.22	9.36	7.89	6.7	1.939	105.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	4/18/2012 16:16:33	13.42	39.67	25.31	9.35	7.92	6.1	1.897	104.8
1167	4/18/2012 16:31:33	13.46	39.40	25.12	9.22	7.91	6.1	1.871	103.3
1168	4/18/2012 16:46:33	13.46	39.47	25.17	9.21	7.90	5.9	1.845	103.2
1169	4/18/2012 17:01:33	13.48	39.35	25.09	9.27	7.93	6.2	1.837	103.9
1170	4/18/2012 17:16:33	13.50	39.29	25.05	9.29	7.92	5.6	1.864	104.2
1171	4/18/2012 17:31:33	13.37	39.50	25.19	9.21	7.90	6.1	1.914	103.0
1172	4/18/2012 17:46:33	13.30	39.75	25.36	9.15	7.86	6.2	1.942	102.4
1173	4/18/2012 18:01:33	13.35	39.62	25.27	9.21	7.92	6.8	2.023	103.1
1174	4/18/2012 18:16:33	13.36	39.22	24.99	9.19	7.88	6.7	2.093	102.7
1175	4/18/2012 18:31:33	13.22	39.79	25.39	9.12	7.85	6.6	2.162	101.8
1176	4/18/2012 18:46:33	13.12	40.02	25.55	9.03	7.85	6.9	2.236	100.8
1177	4/18/2012 19:01:33	13.04	40.22	25.69	9.04	7.90	6.8	2.322	100.8
1178	4/18/2012 19:16:33	12.97	40.42	25.82	9.02	7.88	6.8	2.390	100.5
1179	4/18/2012 19:31:33	12.85	40.88	26.15	9.00	7.85	6.8	2.472	100.2
1180	4/18/2012 19:46:33	12.75	41.22	26.39	8.96	7.88	7.0	2.544	99.7
1181	4/18/2012 20:01:33	12.69	41.37	26.49	8.99	7.88	7.8	2.627	100.0
1182	4/18/2012 20:16:33	12.62	41.70	26.72	9.01	7.86	8.4	2.709	100.2
1183	4/18/2012 20:31:33	12.49	42.05	26.97	9.09	7.89	10.0	2.794	100.9
1184	4/18/2012 20:46:33	12.38	42.25	27.11	9.14	7.88	10.2	2.874	101.4
1185	4/18/2012 21:01:33	12.29	42.63	27.37	9.16	7.91	10.8	2.961	101.6
1186	4/18/2012 21:16:33	12.18	42.88	27.54	9.22	7.93	10.7	3.059	102.1
1187	4/18/2012 21:31:33	12.15	42.87	27.54	9.24	7.96	10.4	3.135	102.3
1188	4/18/2012 21:46:33	12.07	43.27	27.82	9.31	7.97	12.1	3.228	103.1
1189	4/18/2012 22:01:33	11.96	43.60	28.05	9.41	7.93	13.3	3.316	104.1
1190	4/18/2012 22:16:33	11.85	43.97	28.31	9.52	7.97	13.6	3.381	105.2
1191	4/18/2012 22:31:33	11.73	44.36	28.58	9.57	7.96	10.6	3.443	105.6
1192	4/18/2012 22:46:33	11.65	44.62	28.77	9.61	7.96	9.9	3.498	106.1
1193	4/18/2012 23:01:33	11.61	44.77	28.87	9.64	7.95	8.6	3.544	106.3
1194	4/18/2012 23:16:33	11.58	44.74	28.85	9.60	7.98	7.5	3.570	105.8
1195	4/18/2012 23:31:33	11.64	44.64	28.78	9.57	7.98	9.0	3.576	105.6
1196	4/18/2012 23:46:33	11.55	44.97	29.01	9.58	7.94	8.6	3.566	105.6
1197	4/19/2012 0:01:33	11.58	44.87	28.94	9.62	7.95	9.0	3.534	106.1
1198	4/19/2012 0:16:33	12.02	43.44	27.94	9.32	7.95	13.9	3.470	103.1
1199	4/19/2012 0:31:33	12.17	42.89	27.55	9.18	7.95	8.7	3.401	101.7
1200	4/19/2012 0:46:33	12.20	42.97	27.61	9.17	7.93	8.6	3.336	101.6
1201	4/19/2012 1:01:33	12.16	42.99	27.62	9.19	7.93	10.6	3.222	101.8
1202	4/19/2012 1:16:33	12.21	42.76	27.46	9.16	7.92	10.7	3.131	101.4
1203	4/19/2012 1:31:33	12.39	42.19	27.06	9.07	7.92	9.1	3.031	100.6
1204	4/19/2012 1:46:33	12.52	41.70	26.72	9.02	7.92	9.5	2.924	100.2
1205	4/19/2012 2:01:33	12.54	41.70	26.72	9.00	7.87	8.6	2.817	99.9
1206	4/19/2012 2:16:33	12.54	41.75	26.76	8.99	7.87	8.6	2.728	99.9
1207	4/19/2012 2:31:33	12.52	41.83	26.81	8.95	7.83	8.4	2.620	99.4
1208	4/19/2012 2:46:33	12.83	40.82	26.10	8.90	7.85	10.0	2.483	99.1
1209	4/19/2012 3:01:33	12.87	40.71	26.03	8.88	7.85	10.1	2.374	98.9
1210	4/19/2012 3:16:33	12.93	40.45	25.85	8.84	7.86	8.1	2.281	98.4
1211	4/19/2012 3:31:33	12.93	40.48	25.87	8.84	7.86	7.8	2.165	98.4
1212	4/19/2012 3:46:33	13.02	40.27	25.72	8.84	7.87	8.4	2.047	98.5
1213	4/19/2012 4:01:33	13.15	39.83	25.42	8.78	7.87	8.4	1.935	98.0
1214	4/19/2012 4:16:33	13.28	39.50	25.19	8.84	7.85	8.7	1.840	98.7
1215	4/19/2012 4:31:33	13.29	39.48	25.17	8.77	7.89	8.4	1.755	98.0
1216	4/19/2012 4:46:33	13.33	39.40	25.12	8.74	7.88	8.6	1.666	97.6
1217	4/19/2012 5:01:33	13.34	39.35	25.08	8.69	7.88	8.3	1.605	97.2
1218	4/19/2012 5:16:33	13.37	39.19	24.97	8.66	7.87	7.2	1.578	96.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1219	4/19/2012 5:31:33	13.31	39.34	25.08	8.56	7.88	6.6	1.534	95.7
1220	4/19/2012 5:46:33	13.26	39.54	25.22	8.66	7.83	7.0	1.545	96.7
1221	4/19/2012 6:01:33	13.24	39.66	25.30	8.68	7.85	7.8	1.566	96.9
1222	4/19/2012 6:16:33	13.24	39.47	25.17	8.74	7.85	7.3	1.622	97.5
1223	4/19/2012 6:31:33	13.27	39.45	25.15	8.73	7.86	7.0	1.673	97.5
1224	4/19/2012 6:46:33	13.24	39.16	24.95	8.73	7.85	7.3	1.750	97.3
1225	4/19/2012 7:01:33	13.22	38.41	24.42	8.71	7.86	7.8	1.813	96.7
1226	4/19/2012 7:16:33	13.18	38.80	24.69	8.74	7.85	8.2	1.903	97.2
1227	4/19/2012 7:31:33	13.16	38.90	24.77	8.72	7.82	7.8	1.996	96.9
1228	4/19/2012 7:46:33	13.14	39.02	24.85	8.70	7.82	7.3	2.063	96.7
1229	4/19/2012 8:01:33	13.06	39.19	24.96	8.73	7.83	8.1	2.149	96.9
1230	4/19/2012 8:16:33	12.97	39.57	25.23	8.75	7.87	7.9	2.244	97.1
1231	4/19/2012 8:31:33	12.82	40.62	25.97	8.80	7.96	8.3	2.334	97.8
1232	4/19/2012 8:46:33	12.78	40.78	26.07	8.83	7.95	8.1	2.408	98.2
1233	4/19/2012 9:01:33	12.74	41.04	26.26	8.87	7.94	8.0	2.489	98.6
1234	4/19/2012 9:16:33	12.74	41.15	26.33	8.88	7.96	7.9	2.580	98.8
1235	4/19/2012 9:31:33	12.69	41.38	26.50	8.89	7.91	8.7	2.656	98.9
1236	4/19/2012 9:46:33	12.59	41.50	26.58	8.92	7.94	9.2	2.740	99.1
1237	4/19/2012 10:01:33	12.49	41.79	26.78	8.93	7.95	10.0	2.821	99.1
1238	4/19/2012 10:16:33	12.43	41.91	26.87	8.99	7.95	11.2	2.897	99.6
1239	4/19/2012 10:31:33	12.38	42.09	26.99	9.02	7.95	11.1	2.976	100.0
1240	4/19/2012 10:46:33	12.30	42.26	27.11	9.06	7.96	10.8	3.045	100.4
1241	4/19/2012 11:01:33	12.22	42.67	27.39	9.11	7.95	9.4	3.117	100.9
1242	4/19/2012 11:16:33	12.08	43.22	27.79	9.25	8.02	9.7	3.182	102.4
1243	4/19/2012 11:31:33	12.00	43.48	27.97	9.30	8.02	8.9	3.234	102.8
1244	4/19/2012 11:46:33	11.95	43.58	28.03	9.34	8.02	8.3	3.276	103.3
1245	4/19/2012 12:01:33	11.90	43.81	28.20	9.32	7.99	7.1	3.297	103.0
1246	4/19/2012 12:16:33	11.94	43.86	28.24	9.08	7.98	6.1	3.316	100.4
1247	4/19/2012 12:31:33	11.86	44.11	28.41	9.38	8.00	8.0	3.297	103.7
1248	4/19/2012 12:46:33	12.03	43.63	28.07	9.36	8.02	9.0	3.259	103.7
1249	4/19/2012 13:01:33	12.57	42.33	27.17	9.17	7.99	10.0	3.210	102.2
1250	4/19/2012 13:16:33	12.72	42.03	26.96	9.20	7.99	9.2	3.145	102.7
1251	4/19/2012 13:31:33	12.74	41.85	26.84	9.17	8.00	9.7	3.067	102.3
1252	4/19/2012 13:46:33	12.87	41.59	26.65	9.14	7.97	9.6	2.966	102.1
1253	4/19/2012 14:01:33	12.96	41.45	26.56	9.14	7.96	8.0	2.892	102.3
1254	4/19/2012 14:16:33	13.09	41.22	26.40	9.22	7.96	7.8	2.802	103.3
1255	4/19/2012 14:31:33	13.15	40.99	26.24	9.24	7.96	7.5	2.707	103.6
1256	4/19/2012 14:46:33	13.19	41.00	26.24	9.30	7.99	7.0	2.626	104.3
1257	4/19/2012 15:01:33	13.28	40.62	25.98	9.37	7.97	6.7	2.543	105.1
1258	4/19/2012 15:16:33	13.41	40.58	25.95	9.51	7.99	6.9	2.451	107.0
1259	4/19/2012 15:31:33	13.49	39.96	25.52	9.44	7.96	6.6	2.371	106.1
1260	4/19/2012 15:46:33	13.58	40.04	25.58	9.46	7.99	6.6	2.293	106.6
1261	4/19/2012 16:01:33	13.68	39.93	25.50	9.54	7.99	6.5	2.196	107.6
1262	4/19/2012 16:16:33	13.79	39.82	25.42	9.56	7.98	6.2	2.135	108.1
1263	4/19/2012 16:31:33	13.85	39.65	25.31	9.50	7.97	6.2	2.063	107.4
1264	4/19/2012 16:46:33	13.94	39.66	25.32	9.60	7.96	6.2	2.012	108.8
1265	4/19/2012 17:01:33	13.92	39.56	25.24	9.50	8.00	5.9	1.970	107.6
1266	4/19/2012 17:16:33	13.94	39.59	25.27	9.42	8.01	5.6	1.928	106.8
1267	4/19/2012 17:31:33	13.80	39.72	25.35	9.26	7.98	5.1	1.936	104.7
1268	4/19/2012 17:46:33	13.54	39.83	25.43	9.16	7.93	5.5	1.936	103.1
1269	4/19/2012 18:01:33	13.80	39.68	25.33	9.49	7.97	6.2	1.959	107.2
1270	4/19/2012 18:16:33	13.87	39.63	25.29	9.47	8.00	5.7	1.999	107.2
1271	4/19/2012 18:31:33	13.70	39.76	25.38	9.38	7.94	6.8	2.053	105.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1272	4/19/2012 18:46:33	13.75	39.56	25.24	9.40	7.96	6.2	2.129	106.0
1273	4/19/2012 19:01:33	13.68	39.41	25.14	9.33	7.93	6.7	2.193	105.0
1274	4/19/2012 19:16:33	13.50	39.87	25.45	9.20	7.93	6.4	2.267	103.4
1275	4/19/2012 19:31:33	13.38	40.00	25.55	9.15	7.93	7.4	2.351	102.6
1276	4/19/2012 19:46:33	13.24	40.48	25.87	9.12	7.98	7.0	2.428	102.2
1277	4/19/2012 20:01:33	13.13	40.69	26.02	9.13	7.98	7.3	2.514	102.2
1278	4/19/2012 20:16:33	12.98	41.14	26.33	9.06	7.94	8.0	2.590	101.3
1279	4/19/2012 20:31:33	12.87	41.40	26.52	9.06	7.95	8.2	2.669	101.2
1280	4/19/2012 20:46:33	12.86	41.52	26.60	9.11	7.95	8.1	2.752	101.7
1281	4/19/2012 21:01:33	12.73	41.98	26.93	9.15	7.95	8.8	2.834	102.1
1282	4/19/2012 21:16:33	12.56	42.48	27.28	9.20	8.02	10.0	2.921	102.6
1283	4/19/2012 21:31:33	12.49	42.68	27.41	9.25	8.04	11.1	3.003	103.1
1284	4/19/2012 21:46:33	12.38	42.88	27.55	9.31	8.03	11.4	3.085	103.5
1285	4/19/2012 22:01:33	12.37	42.92	27.58	9.32	8.03	10.0	3.172	103.6
1286	4/19/2012 22:16:33	12.30	43.13	27.73	9.42	7.99	10.3	3.260	104.7
1287	4/19/2012 22:31:33	12.26	43.31	27.85	9.46	7.99	9.8	3.338	105.1
1288	4/19/2012 22:46:33	12.15	43.59	28.05	9.54	8.01	10.7	3.407	105.9
1289	4/19/2012 23:01:33	12.04	43.93	28.29	9.60	8.06	9.4	3.477	106.5
1290	4/19/2012 23:16:33	11.94	44.21	28.49	9.69	8.06	8.3	3.532	107.4
1291	4/19/2012 23:31:33	11.85	44.48	28.67	9.77	8.07	7.6	3.568	108.3
1292	4/19/2012 23:46:33	11.82	44.56	28.73	9.77	8.05	6.0	3.600	108.2
1293	4/20/2012 0:01:33	11.90	44.40	28.62	9.63	8.08	7.0	3.602	106.7
1294	4/20/2012 0:16:33	11.80	44.65	28.79	9.73	8.05	7.2	3.599	107.7
1295	4/20/2012 0:31:33	11.82	44.56	28.73	9.80	8.05	7.9	3.564	108.5
1296	4/20/2012 0:46:33	12.25	43.35	27.88	9.36	8.03	8.8	3.496	104.1
1297	4/20/2012 1:01:33	12.38	43.00	27.63	9.26	8.05	9.6	3.432	103.1
1298	4/20/2012 1:16:33	12.43	42.80	27.50	9.27	8.04	8.5	3.343	103.2
1299	4/20/2012 1:31:33	12.51	42.59	27.35	9.20	8.02	8.6	3.250	102.5
1300	4/20/2012 1:46:33	12.59	42.36	27.19	9.11	7.98	9.4	3.139	101.6
1301	4/20/2012 2:01:33	12.63	42.20	27.08	9.09	7.98	9.1	3.025	101.3
1302	4/20/2012 2:16:33	12.80	41.62	26.67	9.10	7.98	9.7	2.918	101.5
1303	4/20/2012 2:31:33	12.77	41.82	26.81	9.08	8.00	8.3	2.803	101.3
1304	4/20/2012 2:46:33	12.74	41.87	26.85	9.03	8.01	8.9	2.703	100.8
1305	4/20/2012 3:01:33	12.91	41.34	26.47	9.01	8.01	8.9	2.575	100.7
1306	4/20/2012 3:16:33	13.00	41.09	26.30	8.97	8.00	8.1	2.473	100.3
1307	4/20/2012 3:31:33	13.14	40.67	26.01	9.01	8.00	9.4	2.344	100.8
1308	4/20/2012 3:46:33	13.10	40.90	26.17	8.96	8.00	8.8	2.237	100.3
1309	4/20/2012 4:01:33	13.32	40.35	25.79	8.95	7.98	9.5	2.116	100.4
1310	4/20/2012 4:16:33	13.43	40.11	25.62	8.92	7.98	8.9	1.984	100.2
1311	4/20/2012 4:31:33	13.54	39.78	25.39	8.97	7.97	8.7	1.871	100.8
1312	4/20/2012 4:46:33	13.59	39.75	25.37	8.94	7.94	8.7	1.768	100.6
1313	4/20/2012 5:01:33	13.64	39.61	25.27	8.91	7.94	8.6	1.659	100.3
1314	4/20/2012 5:16:33	13.68	39.51	25.20	8.87	7.98	8.3	1.567	99.9
1315	4/20/2012 5:31:33	13.72	39.33	25.08	8.84	7.96	8.1	1.489	99.6
1316	4/20/2012 5:46:33	13.75	39.33	25.08	8.84	7.96	7.5	1.457	99.6
1317	4/20/2012 6:01:33	13.74	39.28	25.04	8.76	7.96	6.8	1.429	98.7
1318	4/20/2012 6:16:33	13.72	39.32	25.07	8.72	7.96	7.2	1.407	98.2
1319	4/20/2012 6:31:33	13.66	39.49	25.19	8.74	7.96	7.2	1.441	98.4
1320	4/20/2012 6:46:33	13.64	39.54	25.22	8.82	7.98	8.0	1.497	99.3
1321	4/20/2012 7:01:33	13.61	39.54	25.22	8.81	7.94	8.1	1.534	99.1
1322	4/20/2012 7:16:33	13.65	39.44	25.16	8.85	7.94	6.5	1.592	99.6
1323	4/20/2012 7:31:33	13.62	38.58	24.55	8.87	7.95	7.6	1.684	99.3
1324	4/20/2012 7:46:33	13.60	38.82	24.71	8.87	7.93	8.2	1.763	99.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1325	4/20/2012 8:01:33	13.58	38.69	24.63	8.87	7.95	8.4	1.829	99.3
1326	4/20/2012 8:16:33	13.55	38.97	24.82	8.83	7.96	7.8	1.908	98.9
1327	4/20/2012 8:31:33	13.53	39.14	24.94	8.82	7.98	7.7	2.006	98.9
1328	4/20/2012 8:46:33	13.39	39.36	25.09	8.87	7.97	8.4	2.094	99.2
1329	4/20/2012 9:01:33	13.29	39.80	25.40	8.87	7.95	8.1	2.178	99.3
1330	4/20/2012 9:16:33	13.22	40.12	25.62	8.89	7.97	8.0	2.260	99.4
1331	4/20/2012 9:31:33	13.10	40.65	25.99	8.92	7.97	7.9	2.355	99.7
1332	4/20/2012 9:46:33	13.06	40.91	26.18	8.92	7.97	8.1	2.446	99.8
1333	4/20/2012 10:01:33	13.02	40.99	26.24	8.93	8.02	9.0	2.530	99.9
1334	4/20/2012 10:16:33	12.95	41.24	26.41	8.96	8.00	9.1	2.612	100.1
1335	4/20/2012 10:31:33	12.91	41.35	26.48	8.98	8.00	9.3	2.688	100.4
1336	4/20/2012 10:46:33	12.86	41.60	26.66	9.03	8.01	10.5	2.775	100.9
1337	4/20/2012 11:01:33	12.75	41.77	26.78	9.08	8.01	11.1	2.849	101.3
1338	4/20/2012 11:16:33	12.67	42.01	26.95	9.11	8.04	11.5	2.910	101.5
1339	4/20/2012 11:31:33	12.64	42.15	27.04	9.13	8.05	9.8	2.990	101.8
1340	4/20/2012 11:46:33	12.56	42.40	27.22	9.17	8.07	9.4	3.056	102.2
1341	4/20/2012 12:01:33	12.36	42.98	27.62	9.33	8.07	9.4	3.108	103.8
1342	4/20/2012 12:16:33	12.19	43.43	27.93	9.40	8.07	9.0	3.161	104.3
	Mean	11.79	41.02	26.22	9.11	7.89	11.67	2.578	99.20
	Minimum	10.25	33.06	20.69	8.52	7.76	5.00	0.867	91.70
	Maximum	13.97	46.91	30.34	10.17	8.08	61.80	4.080	110.20

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	4/20/2012 12:46:19	12.11	44.00	28.34	9.10	7.78	6.3	3.24	101.2
1	4/20/2012 13:01:19	12.17	43.73	28.15	9.06	7.81	7.7	3.24	100.7
2	4/20/2012 13:16:19	12.08	44.02	28.35	8.97	7.83	7.3	3.23	99.7
3	4/20/2012 13:31:19	12.26	43.55	28.02	8.87	7.84	7.0	3.20	98.7
4	4/20/2012 13:46:19	12.43	43.17	27.76	8.83	7.84	8.6	3.15	98.4
5	4/20/2012 14:01:20	13.06	42.52	27.32	9.18	7.86	9.2	3.08	103.4
6	4/20/2012 14:16:20	13.01	42.58	27.36	8.90	7.86	9.5	3.01	100.2
7	4/20/2012 14:31:19	13.12	42.29	27.15	8.85	7.86	10.4	2.92	99.7
8	4/20/2012 14:46:19	13.37	41.93	26.91	8.79	7.86	8.0	2.83	99.4
9	4/20/2012 15:01:19	13.52	41.59	26.67	8.87	7.86	7.8	2.75	100.5
10	4/20/2012 15:16:19	13.59	41.21	26.40	8.80	7.85	7.9	2.67	99.7
11	4/20/2012 15:31:19	13.91	41.23	26.42	8.82	7.86	8.1	2.58	100.6
12	4/20/2012 15:46:19	14.03	40.92	26.20	8.98	7.87	7.3	2.48	102.5
13	4/20/2012 16:01:19	14.19	40.45	25.88	9.17	7.88	6.8	2.40	104.9
14	4/20/2012 16:16:19	14.22	40.04	25.59	9.09	7.87	7.4	2.33	103.8
15	4/20/2012 16:31:19	14.63	40.25	25.75	9.22	7.89	6.8	2.24	106.3
16	4/20/2012 16:46:19	14.63	40.08	25.63	9.39	7.90	6.5	2.17	108.1
17	4/20/2012 17:01:19	14.67	39.98	25.55	9.32	7.90	6.5	2.11	107.4
18	4/20/2012 17:16:19	14.74	39.92	25.51	9.21	7.89	6.2	2.06	106.2
19	4/20/2012 17:31:19	14.80	39.98	25.56	9.23	7.89	6.2	2.02	106.6
20	4/20/2012 17:46:19	14.62	39.87	25.48	9.03	7.86	5.2	1.99	103.9
21	4/20/2012 18:01:19	14.22	39.86	25.46	8.80	7.85	5.3	1.98	100.4
22	4/20/2012 18:16:19	14.20	40.06	25.60	8.87	7.85	6.5	2.01	101.2
23	4/20/2012 18:31:19	14.70	39.75	25.39	9.22	7.88	5.9	2.02	106.1
24	4/20/2012 18:46:19	14.47	39.87	25.47	9.09	7.89	6.2	2.05	104.2
25	4/20/2012 19:01:19	14.31	39.99	25.56	9.00	7.88	6.2	2.11	102.9
26	4/20/2012 19:16:19	14.31	40.01	25.57	9.02	7.88	6.8	2.18	103.2
27	4/20/2012 19:31:19	14.45	39.76	25.40	9.09	7.88	6.7	2.24	104.1
28	4/20/2012 19:46:19	14.27	39.93	25.51	8.91	7.88	6.4	2.31	101.8
29	4/20/2012 20:01:19	13.90	40.42	25.85	8.78	7.89	7.3	2.40	99.8
30	4/20/2012 20:16:19	13.81	40.90	26.19	8.75	7.88	7.1	2.47	99.4
31	4/20/2012 20:31:19	13.69	41.23	26.42	8.73	7.89	7.3	2.55	99.1
32	4/20/2012 20:46:19	13.42	41.79	26.81	8.67	7.89	7.7	2.63	98.1
33	4/20/2012 21:01:19	13.32	41.99	26.95	8.65	7.90	7.5	2.71	97.7
34	4/20/2012 21:16:19	13.10	42.47	27.29	8.65	7.91	7.3	2.79	97.5
35	4/20/2012 21:31:20	12.97	42.83	27.53	8.67	7.93	8.8	2.87	97.6
36	4/20/2012 21:46:19	12.80	43.06	27.69	8.72	7.93	8.7	2.96	97.9
37	4/20/2012 22:01:19	12.70	43.43	27.96	8.76	7.93	9.8	3.04	98.4
38	4/20/2012 22:16:19	12.60	43.60	28.07	8.77	7.92	9.4	3.13	98.3
39	4/20/2012 22:31:20	12.58	43.73	28.17	8.79	7.92	9.4	3.21	98.6
40	4/20/2012 22:46:19	12.53	43.87	28.26	8.84	7.92	9.4	3.29	99.1
41	4/20/2012 23:01:20	12.38	44.31	28.57	8.90	7.93	9.1	3.36	99.6
42	4/20/2012 23:16:19	12.17	44.80	28.91	9.02	7.94	9.1	3.44	100.7
43	4/20/2012 23:31:19	12.03	45.21	29.20	9.05	7.95	7.8	3.50	100.9
44	4/20/2012 23:46:19	11.96	45.49	29.40	9.09	7.96	6.4	3.54	101.4
45	4/21/2012 0:01:20	11.92	45.66	29.52	9.08	7.95	6.1	3.58	101.3
46	4/21/2012 0:16:20	11.93	45.66	29.52	8.99	7.95	4.5	3.61	100.3
47	4/21/2012 0:31:19	11.93	45.65	29.51	8.99	7.95	6.1	3.61	100.2
48	4/21/2012 0:46:19	11.92	45.67	29.53	9.07	7.94	6.4	3.58	101.2
49	4/21/2012 1:01:19	12.12	45.10	29.13	8.97	7.92	7.9	3.54	100.2
50	4/21/2012 1:16:19	12.38	44.34	28.59	8.82	7.91	8.2	3.47	98.7
51	4/21/2012 1:31:20	12.37	44.40	28.63	8.84	7.92	7.6	3.39	99.0
52	4/21/2012 1:46:20	12.36	44.48	28.69	8.81	7.92	7.2	3.30	98.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
53	4/21/2012 2:01:19	12.59	43.77	28.19	8.72	7.90	7.1	3.19	97.8
54	4/21/2012 2:16:19	13.01	42.75	27.48	8.54	7.88	8.8	3.09	96.3
55	4/21/2012 2:31:19	12.94	42.86	27.55	8.61	7.88	8.3	2.99	96.9
56	4/21/2012 2:46:19	13.13	42.40	27.23	8.57	7.86	9.0	2.87	96.6
57	4/21/2012 3:01:19	13.20	42.32	27.18	8.50	7.81	8.1	2.77	96.0
58	4/21/2012 3:16:19	13.44	41.72	26.76	8.54	7.81	10.2	2.65	96.7
59	4/21/2012 3:31:19	13.54	41.49	26.60	8.59	7.81	9.4	2.55	97.3
60	4/21/2012 3:46:19	13.25	42.22	27.11	8.60	7.83	8.0	2.43	97.2
61	4/21/2012 4:01:19	13.58	41.50	26.61	8.51	7.83	7.7	2.29	96.5
62	4/21/2012 4:16:20	13.77	41.17	26.37	8.57	7.86	8.3	2.18	97.5
63	4/21/2012 4:31:19	13.95	40.75	26.09	8.56	7.88	8.4	2.05	97.5
64	4/21/2012 4:46:19	13.93	40.66	26.02	8.56	7.89	8.1	1.93	97.5
65	4/21/2012 5:01:19	14.14	40.27	25.75	8.50	7.89	8.1	1.80	97.0
66	4/21/2012 5:16:19	14.30	39.82	25.43	8.54	7.89	8.9	1.68	97.6
67	4/21/2012 5:31:20	14.39	39.75	25.39	8.50	7.89	8.8	1.58	97.3
68	4/21/2012 5:46:19	14.46	39.55	25.25	8.44	7.90	8.3	1.47	96.7
69	4/21/2012 6:01:19	14.50	39.51	25.22	8.42	7.90	7.6	1.41	96.4
70	4/21/2012 6:16:19	14.51	39.45	25.18	8.38	7.90	7.3	1.34	96.1
71	4/21/2012 6:31:19	14.52	39.39	25.14	8.40	7.88	7.7	1.30	96.2
72	4/21/2012 6:46:19	14.39	39.70	25.35	8.38	7.89	7.5	1.32	95.9
73	4/21/2012 7:01:19	14.35	39.79	25.42	8.41	7.89	8.0	1.30	96.2
74	4/21/2012 7:16:19	14.32	39.80	25.42	8.47	7.88	7.8	1.35	96.8
75	4/21/2012 7:31:19	14.31	39.89	25.49	8.44	7.88	8.1	1.41	96.5
76	4/21/2012 7:46:20	14.32	39.86	25.46	8.46	7.86	7.2	1.48	96.7
77	4/21/2012 8:01:19	14.31	39.15	24.96	8.43	7.87	8.2	1.55	96.0
78	4/21/2012 8:16:19	14.29	39.37	25.12	8.42	7.88	8.0	1.63	95.9
79	4/21/2012 8:31:19	14.28	39.19	24.99	8.43	7.88	8.6	1.71	96.0
80	4/21/2012 8:46:19	14.25	39.54	25.23	8.41	7.89	7.9	1.79	95.9
81	4/21/2012 9:01:19	14.20	39.44	25.17	8.42	7.89	7.5	1.88	95.9
82	4/21/2012 9:16:19	14.03	39.90	25.49	8.42	7.89	8.0	1.97	95.7
83	4/21/2012 9:31:19	13.89	40.31	25.77	8.42	7.89	8.4	2.06	95.6
84	4/21/2012 9:46:20	13.79	40.63	26.00	8.43	7.89	8.2	2.14	95.7
85	4/21/2012 10:01:19	13.61	41.35	26.50	8.44	7.89	8.0	2.24	95.7
86	4/21/2012 10:16:19	13.63	41.30	26.46	8.45	7.89	7.8	2.33	95.8
87	4/21/2012 10:31:20	13.59	41.71	26.76	8.41	7.89	8.3	2.41	95.5
88	4/21/2012 10:46:20	13.48	41.97	26.94	8.44	7.89	8.9	2.50	95.6
89	4/21/2012 11:01:19	13.43	42.08	27.01	8.46	7.90	9.0	2.58	95.9
90	4/21/2012 11:16:19	13.30	42.32	27.18	8.49	7.90	9.6	2.67	96.0
91	4/21/2012 11:31:19	13.23	42.54	27.33	8.51	7.91	10.1	2.74	96.3
92	4/21/2012 11:46:20	13.14	42.82	27.54	8.55	7.91	9.4	2.82	96.6
93	4/21/2012 12:01:19	13.05	43.01	27.66	8.55	7.91	10.0	2.89	96.5
94	4/21/2012 12:16:20	12.79	43.71	28.15	8.61	7.92	12.1	2.95	97.0
95	4/21/2012 12:31:20	12.61	44.23	28.52	8.68	7.93	10.6	3.02	97.6
96	4/21/2012 12:46:20	12.58	44.53	28.73	8.76	7.94	8.9	3.07	98.6
97	4/21/2012 13:01:20	12.54	44.73	28.88	8.80	7.94	7.8	3.11	99.1
98	4/21/2012 13:16:19	12.45	44.83	28.94	8.79	7.94	6.6	3.15	98.8
99	4/21/2012 13:31:19	12.44	44.99	29.06	8.73	7.94	5.7	3.16	98.2
100	4/21/2012 13:46:19	12.49	44.82	28.94	8.72	7.94	6.2	3.16	98.1
101	4/21/2012 14:01:19	12.46	44.92	29.01	8.70	7.94	6.2	3.16	97.8
102	4/21/2012 14:16:19	12.90	44.20	28.51	8.83	7.94	7.8	3.13	99.9
103	4/21/2012 14:31:20	12.97	44.13	28.46	8.85	7.94	10.2	3.07	100.3
104	4/21/2012 14:46:19	13.45	43.49	28.02	8.73	7.93	8.8	3.01	99.6
105	4/21/2012 15:01:19	14.07	43.25	27.86	9.01	7.95	8.4	2.94	104.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	4/21/2012 15:16:19	14.17	43.05	27.72	9.04	7.94	7.3	2.85	104.4
107	4/21/2012 15:31:20	13.83	42.82	27.55	9.01	7.94	8.5	2.76	103.3
108	4/21/2012 15:46:19	14.27	42.02	27.00	9.07	7.95	9.7	2.68	104.6
109	4/21/2012 16:01:19	14.56	41.64	26.73	9.25	7.95	7.5	2.60	107.1
110	4/21/2012 16:16:19	14.81	41.77	26.83	9.48	7.97	6.7	2.52	110.4
111	4/21/2012 16:31:19	14.82	41.56	26.68	9.52	7.96	7.2	2.44	110.8
112	4/21/2012 16:46:20	15.15	41.56	26.68	9.66	7.96	6.1	2.37	113.2
113	4/21/2012 17:01:19	15.15	41.08	26.34	9.74	7.97	6.1	2.30	113.9
114	4/21/2012 17:16:20	15.31	40.98	26.27	9.71	7.97	6.2	2.23	113.9
115	4/21/2012 17:31:19	15.18	40.80	26.14	9.59	7.97	6.0	2.17	112.0
116	4/21/2012 17:46:20	15.41	40.97	26.27	9.72	7.98	5.9	2.12	114.2
117	4/21/2012 18:01:19	15.32	40.50	25.93	9.68	7.98	6.1	2.06	113.2
118	4/21/2012 18:16:19	15.42	40.38	25.85	9.70	7.98	5.5	2.03	113.7
119	4/21/2012 18:31:19	15.20	40.62	26.02	9.47	7.98	5.1	2.03	110.6
120	4/21/2012 18:46:20	15.34	40.40	25.86	9.64	7.99	5.6	2.02	112.8
121	4/21/2012 19:01:20	15.24	40.41	25.87	9.62	7.99	5.6	2.04	112.3
122	4/21/2012 19:16:19	14.91	40.80	26.14	9.42	7.97	5.7	2.08	109.5
123	4/21/2012 19:31:19	14.84	40.76	26.11	9.31	7.97	5.8	2.12	108.0
124	4/21/2012 19:46:19	15.13	40.37	25.83	9.60	7.99	5.9	2.18	111.9
125	4/21/2012 20:01:19	14.97	40.56	25.97	9.46	7.97	6.4	2.25	109.9
126	4/21/2012 20:16:19	14.54	41.13	26.37	9.12	7.95	6.4	2.32	105.4
127	4/21/2012 20:31:19	14.45	41.49	26.62	9.05	7.96	6.8	2.41	104.5
128	4/21/2012 20:46:20	14.20	42.19	27.11	8.98	7.96	6.7	2.47	103.4
129	4/21/2012 21:01:20	14.23	42.13	27.07	9.04	7.96	6.5	2.55	104.2
130	4/21/2012 21:16:20	14.19	42.23	27.14	9.01	7.96	7.0	2.63	103.8
131	4/21/2012 21:31:19	13.94	42.64	27.43	8.96	7.97	6.8	2.71	102.9
132	4/21/2012 21:46:20	13.97	42.74	27.50	8.98	7.96	9.5	2.79	103.3
133	4/21/2012 22:01:20	13.74	43.14	27.78	8.97	7.97	8.7	2.86	102.8
134	4/21/2012 22:16:19	13.44	43.67	28.15	8.97	7.97	6.6	2.95	102.4
135	4/21/2012 22:31:19	13.09	44.39	28.65	8.96	7.98	6.2	3.02	101.8
136	4/21/2012 22:46:20	12.74	45.16	29.19	8.89	7.97	6.9	3.10	100.6
137	4/21/2012 23:01:20	12.61	45.49	29.42	8.90	7.97	8.8	3.19	100.6
138	4/21/2012 23:16:19	12.61	45.52	29.44	8.92	7.98	7.9	3.27	100.9
139	4/21/2012 23:31:19	12.52	45.71	29.58	9.01	7.98	9.2	3.34	101.9
140	4/21/2012 23:46:20	12.38	46.17	29.90	9.06	7.99	7.8	3.41	102.2
141	4/22/2012 0:01:20	12.26	46.45	30.10	9.10	7.99	8.0	3.48	102.6
142	4/22/2012 0:16:20	12.17	46.61	30.22	9.16	7.99	6.2	3.53	103.2
143	4/22/2012 0:31:19	12.16	46.66	30.25	9.14	7.99	5.7	3.55	102.9
144	4/22/2012 0:46:19	12.13	46.73	30.30	9.05	7.99	5.1	3.59	101.9
145	4/22/2012 1:01:19	12.17	46.67	30.26	9.03	7.99	5.4	3.58	101.7
146	4/22/2012 1:16:19	12.12	46.85	30.38	9.17	7.99	6.8	3.55	103.2
147	4/22/2012 1:31:19	12.74	45.30	29.29	8.80	7.97	7.3	3.52	99.7
148	4/22/2012 1:46:19	12.60	45.52	29.44	8.91	7.98	7.7	3.45	100.8
149	4/22/2012 2:01:20	12.95	44.64	28.83	8.75	7.97	7.2	3.39	99.3
150	4/22/2012 2:16:20	12.86	44.87	28.99	8.78	7.96	8.4	3.28	99.5
151	4/22/2012 2:31:20	13.15	44.18	28.50	8.74	7.95	7.7	3.18	99.4
152	4/22/2012 2:46:20	13.25	43.93	28.33	8.75	7.96	7.2	3.09	99.6
153	4/22/2012 3:01:20	13.51	43.22	27.83	8.71	7.96	7.0	2.97	99.4
154	4/22/2012 3:16:19	13.36	43.60	28.09	8.72	7.96	6.9	2.86	99.3
155	4/22/2012 3:31:19	13.53	43.18	27.80	8.76	7.97	7.2	2.75	100.0
156	4/22/2012 3:46:19	13.67	42.87	27.59	8.83	7.97	7.9	2.65	100.9
157	4/22/2012 4:01:20	13.78	42.56	27.37	8.79	7.97	7.7	2.53	100.6
158	4/22/2012 4:16:19	13.92	42.27	27.16	8.81	7.97	7.4	2.41	101.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	4/22/2012 4:31:20	13.98	42.14	27.07	8.73	7.96	7.9	2.29	100.1
160	4/22/2012 4:46:20	14.01	42.03	26.99	8.72	7.95	7.5	2.16	100.0
161	4/22/2012 5:01:20	14.23	41.62	26.70	8.78	7.95	7.8	2.04	101.0
162	4/22/2012 5:16:19	14.54	40.96	26.24	8.68	7.95	7.9	1.90	100.1
163	4/22/2012 5:31:19	14.63	40.81	26.14	8.83	7.95	8.4	1.77	102.0
164	4/22/2012 5:46:19	14.69	40.66	26.03	8.77	7.95	8.5	1.66	101.3
165	4/22/2012 6:01:19	14.79	40.52	25.94	8.75	7.94	8.5	1.54	101.3
166	4/22/2012 6:16:19	14.85	40.38	25.84	8.71	7.94	8.4	1.44	100.9
167	4/22/2012 6:31:19	14.91	40.24	25.74	8.72	7.93	7.9	1.37	101.1
168	4/22/2012 6:46:19	14.97	40.13	25.67	8.65	7.93	7.6	1.30	100.4
169	4/22/2012 7:01:19	14.99	40.06	25.62	8.66	7.93	7.3	1.26	100.5
170	4/22/2012 7:16:19	14.85	40.34	25.81	8.61	7.93	7.5	1.26	99.8
171	4/22/2012 7:31:19	14.79	40.46	25.90	8.69	7.94	7.6	1.27	100.5
172	4/22/2012 7:46:19	14.77	40.54	25.95	8.72	7.94	7.6	1.30	101.0
173	4/22/2012 8:01:20	14.76	40.55	25.96	8.75	7.93	7.0	1.36	101.2
174	4/22/2012 8:16:19	14.83	40.42	25.87	8.79	7.94	7.2	1.42	101.8
175	4/22/2012 8:31:19	14.79	39.74	25.39	8.80	7.93	7.4	1.49	101.5
176	4/22/2012 8:46:19	14.76	39.68	25.35	8.75	7.93	8.9	1.57	100.9
177	4/22/2012 9:01:19	14.72	39.69	25.35	8.75	7.92	8.7	1.64	100.8
178	4/22/2012 9:16:19	14.68	40.04	25.59	8.73	7.92	7.2	1.71	100.7
179	4/22/2012 9:31:19	14.62	40.42	25.86	8.68	7.92	7.2	1.79	100.1
180	4/22/2012 9:46:19	14.49	40.55	25.96	8.71	7.92	7.2	1.87	100.2
181	4/22/2012 10:01:19	14.32	41.17	26.39	8.74	7.93	7.5	1.97	100.5
182	4/22/2012 10:16:20	14.22	41.45	26.58	8.74	7.92	7.5	2.05	100.4
183	4/22/2012 10:31:20	14.15	41.76	26.80	8.77	7.93	7.5	2.14	100.7
184	4/22/2012 10:46:20	14.02	42.38	27.24	8.72	7.93	7.4	2.24	100.2
185	4/22/2012 11:01:20	14.02	42.47	27.31	8.75	7.83	7.3	2.33	100.6
186	4/22/2012 11:16:20	13.97	42.64	27.43	8.74	7.85	8.7	2.42	100.4
187	4/22/2012 11:31:20	13.89	42.87	27.59	8.74	7.89	8.4	2.51	100.4
188	4/22/2012 11:46:20	13.80	43.07	27.73	8.80	7.91	9.4	2.59	101.0
189	4/22/2012 12:01:20	13.76	43.19	27.81	8.82	7.91	10.5	2.67	101.1
190	4/22/2012 12:16:19	13.65	43.37	27.94	8.83	7.92	9.8	2.75	101.1
191	4/22/2012 12:31:19	13.56	43.60	28.10	8.83	7.92	9.5	2.82	101.1
192	4/22/2012 12:46:20	13.41	43.95	28.35	8.85	7.92	9.4	2.89	101.1
193	4/22/2012 13:01:20	13.07	44.69	28.87	8.83	7.93	13.1	2.96	100.5
194	4/22/2012 13:16:20	12.81	45.36	29.34	8.84	7.94	9.3	3.01	100.3
195	4/22/2012 13:31:20	12.79	45.68	29.57	8.88	7.94	7.6	3.07	100.9
196	4/22/2012 13:46:20	12.69	45.92	29.73	8.91	7.95	6.5	3.12	101.1
197	4/22/2012 14:01:20	12.67	45.95	29.76	8.84	7.94	6.1	3.14	100.3
198	4/22/2012 14:16:20	12.65	46.00	29.79	8.79	7.94	5.3	3.15	99.8
199	4/22/2012 14:31:20	12.66	45.98	29.78	8.81	7.94	6.1	3.15	100.0
200	4/22/2012 14:46:20	13.02	45.28	29.29	8.91	7.94	6.5	3.12	101.6
201	4/22/2012 15:01:20	13.44	44.73	28.91	8.82	7.94	6.8	3.07	101.2
202	4/22/2012 15:16:19	14.26	43.94	28.36	8.92	7.94	8.5	3.01	103.7
203	4/22/2012 15:31:19	14.64	43.82	28.29	9.06	7.94	10.3	2.96	106.1
204	4/22/2012 15:46:19	14.57	43.79	28.26	9.11	7.94	7.4	2.88	106.6
205	4/22/2012 16:01:20	14.46	43.65	28.16	9.01	7.94	8.4	2.79	105.0
206	4/22/2012 16:16:19	15.13	43.06	27.75	9.34	7.93	7.4	2.72	110.1
207	4/22/2012 16:31:19	15.31	42.68	27.48	9.47	7.92	6.7	2.64	111.8
208	4/22/2012 16:46:19	15.38	42.79	27.56	9.49	7.93	6.2	2.57	112.3
209	4/22/2012 17:01:19	15.69	42.52	27.37	9.50	7.93	6.4	2.50	113.0
210	4/22/2012 17:16:19	15.68	42.29	27.21	9.63	7.93	5.7	2.43	114.4
211	4/22/2012 17:31:19	15.98	41.95	26.97	9.83	7.94	5.6	2.37	117.3

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
212	4/22/2012 17:46:19	16.03	41.89	26.93	9.88	7.96	5.7	2.31	118.0
213	4/22/2012 18:01:19	16.08	41.81	26.87	9.89	7.96	6.0	2.26	118.2
214	4/22/2012 18:16:19	16.03	41.37	26.56	9.90	7.96	5.7	2.20	117.9
215	4/22/2012 18:31:19	16.11	41.26	26.48	9.98	7.97	5.6	2.16	119.1
216	4/22/2012 18:46:19	16.17	40.93	26.25	9.99	7.97	5.9	2.14	119.2
217	4/22/2012 19:01:19	15.70	41.58	26.70	9.57	7.95	5.1	2.12	113.4
218	4/22/2012 19:16:19	16.03	41.14	26.40	9.92	7.97	9.2	2.12	118.1
219	4/22/2012 19:31:19	16.05	41.20	26.44	9.98	7.97	6.2	2.14	118.9
220	4/22/2012 19:46:19	15.67	41.69	26.78	9.69	7.94	5.7	2.17	114.8
221	4/22/2012 20:01:19	15.68	41.62	26.73	9.70	7.94	5.8	2.20	114.9
222	4/22/2012 20:16:19	15.85	41.32	26.52	9.85	7.96	6.2	2.27	116.9
223	4/22/2012 20:31:19	15.92	41.23	26.46	9.67	7.94	6.9	2.33	114.9
224	4/22/2012 20:46:19	15.61	41.72	26.81	9.30	7.93	7.3	2.40	110.1
225	4/22/2012 21:01:19	15.39	41.94	26.95	9.49	7.94	7.2	2.47	111.9
226	4/22/2012 21:16:19	15.23	42.21	27.14	9.44	7.93	6.6	2.55	111.1
227	4/22/2012 21:31:19	14.99	42.73	27.51	9.29	7.92	6.6	2.62	109.0
228	4/22/2012 21:46:19	14.64	43.24	27.87	9.15	7.91	7.3	2.70	106.8
229	4/22/2012 22:01:19	14.54	43.28	27.90	9.08	7.91	6.5	2.77	105.9
230	4/22/2012 22:16:19	14.56	43.26	27.88	9.09	7.91	7.2	2.85	106.0
231	4/22/2012 22:31:20	14.26	43.65	28.16	9.05	7.90	8.1	2.93	105.0
232	4/22/2012 22:46:20	13.99	44.16	28.52	8.93	7.90	6.2	3.01	103.3
233	4/22/2012 23:01:19	13.52	45.01	29.11	8.86	7.89	6.6	3.09	101.9
234	4/22/2012 23:16:19	13.21	45.53	29.47	8.69	7.88	6.1	3.17	99.6
235	4/22/2012 23:31:20	12.46	46.89	30.42	8.44	7.87	6.2	3.25	95.7
236	4/22/2012 23:46:19	12.10	47.52	30.86	8.29	7.88	6.8	3.32	93.6
237	4/23/2012 0:01:20	12.07	47.67	30.97	8.33	7.88	6.3	3.40	94.0
238	4/23/2012 0:16:20	12.06	47.71	31.00	8.37	7.87	6.4	3.46	94.5
239	4/23/2012 0:31:20	12.10	47.78	31.05	8.49	7.87	6.5	3.52	95.9
240	4/23/2012 0:46:20	12.10	47.73	31.02	8.54	7.88	5.8	3.57	96.5
241	4/23/2012 1:01:20	12.06	47.91	31.15	8.54	7.88	4.2	3.60	96.5
242	4/23/2012 1:16:20	12.05	47.86	31.10	8.47	7.88	4.0	3.62	95.7
243	4/23/2012 1:31:20	12.11	47.76	31.04	8.37	7.88	5.1	3.62	94.6
244	4/23/2012 1:46:20	12.10	47.81	31.08	8.48	7.87	5.5	3.59	95.9
245	4/23/2012 2:01:20	12.10	47.82	31.08	8.51	7.88	5.7	3.55	96.2
246	4/23/2012 2:16:19	12.49	46.99	30.50	8.45	7.84	6.3	3.49	96.0
247	4/23/2012 2:31:20	13.40	45.26	29.28	8.49	7.86	8.0	3.41	97.5
248	4/23/2012 2:46:19	13.53	44.90	29.03	8.48	7.87	6.8	3.32	97.5
249	4/23/2012 3:01:19	13.27	45.36	29.35	8.51	7.87	7.3	3.23	97.6
250	4/23/2012 3:16:19	13.74	44.48	28.73	8.59	7.88	6.9	3.12	99.0
251	4/23/2012 3:31:19	13.85	44.16	28.51	8.64	7.89	7.0	3.01	99.7
252	4/23/2012 3:46:19	13.69	44.52	28.76	8.62	7.89	10.0	2.91	99.3
253	4/23/2012 4:01:20	13.88	44.15	28.51	8.63	7.89	6.8	2.80	99.7
254	4/23/2012 4:16:20	14.12	43.82	28.27	8.70	7.89	8.9	2.68	100.8
255	4/23/2012 4:31:20	14.22	43.73	28.21	8.73	7.89	9.5	2.57	101.3
256	4/23/2012 4:46:19	14.40	43.16	27.81	8.72	7.89	6.9	2.45	101.4
257	4/23/2012 5:01:19	14.80	42.55	27.38	8.84	7.90	8.1	2.34	103.3
258	4/23/2012 5:16:19	14.83	42.36	27.25	8.84	7.87	10.2	2.20	103.2
259	4/23/2012 5:31:20	14.91	42.31	27.21	8.77	7.86	7.9	2.08	102.5
260	4/23/2012 5:46:20	15.06	42.03	27.02	8.76	7.88	8.1	1.96	102.7
261	4/23/2012 6:01:19	15.09	41.89	26.91	8.74	7.85	8.1	1.84	102.4
262	4/23/2012 6:16:20	15.38	41.50	26.64	8.73	7.84	7.8	1.70	102.7
263	4/23/2012 6:31:20	15.52	41.22	26.45	8.68	7.79	8.3	1.59	102.3
264	4/23/2012 6:46:19	15.62	41.08	26.35	8.76	7.77	8.4	1.49	103.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	4/23/2012 7:01:19	15.68	40.99	26.29	8.72	7.76	8.4	1.41	103.0
266	4/23/2012 7:16:19	15.74	40.79	26.14	8.69	7.75	8.4	1.34	102.6
267	4/23/2012 7:31:19	15.77	40.73	26.10	8.66	7.75	8.2	1.28	102.4
268	4/23/2012 7:46:19	15.66	40.89	26.21	8.55	7.74	8.7	1.27	100.9
269	4/23/2012 8:01:19	15.54	41.07	26.34	8.77	7.74	9.7	1.28	103.3
270	4/23/2012 8:16:19	15.52	41.03	26.31	8.82	7.74	6.9	1.31	103.9
271	4/23/2012 8:31:19	15.63	41.01	26.30	8.86	7.75	7.0	1.34	104.6
272	4/23/2012 8:46:19	15.48	41.18	26.42	8.82	7.75	7.6	1.41	103.8
273	4/23/2012 9:01:19	15.32	41.52	26.65	8.73	7.74	8.1	1.50	102.6
274	4/23/2012 9:16:19	15.49	40.93	26.24	8.79	7.74	7.6	1.56	103.4
275	4/23/2012 9:31:19	15.46	40.94	26.24	8.78	7.74	7.9	1.63	103.2
276	4/23/2012 9:46:20	15.38	40.99	26.28	8.72	7.73	7.7	1.72	102.4
277	4/23/2012 10:01:19	15.27	41.14	26.38	8.70	7.74	7.4	1.79	102.0
278	4/23/2012 10:16:19	15.14	41.43	26.59	8.72	7.72	7.8	1.88	102.1
279	4/23/2012 10:31:20	14.80	42.29	27.20	8.69	7.71	7.5	1.97	101.3
280	4/23/2012 10:46:19	14.70	42.37	27.25	8.67	7.72	7.5	2.05	101.0
281	4/23/2012 11:01:19	14.49	43.02	27.71	8.64	7.71	7.5	2.15	100.5
282	4/23/2012 11:16:19	14.50	42.97	27.67	8.65	7.71	7.9	2.23	100.7
283	4/23/2012 11:31:20	14.46	43.17	27.81	8.64	7.71	7.1	2.31	100.4
284	4/23/2012 11:46:20	14.49	42.89	27.61	8.62	7.71	7.0	2.40	100.3
285	4/23/2012 12:01:19	14.16	43.84	28.28	8.54	7.70	7.6	2.48	99.1
286	4/23/2012 12:16:20	14.14	43.89	28.32	8.53	7.70	7.3	2.56	98.9
287	4/23/2012 12:31:20	14.10	43.97	28.38	8.58	7.71	8.9	2.64	99.4
288	4/23/2012 12:46:20	13.97	44.22	28.56	8.60	7.71	8.9	2.72	99.5
289	4/23/2012 13:01:20	13.89	44.31	28.62	8.64	7.70	8.1	2.80	99.8
290	4/23/2012 13:16:20	13.83	44.44	28.71	8.62	7.70	7.7	2.86	99.5
291	4/23/2012 13:31:20	13.55	45.00	29.11	8.52	7.69	9.5	2.93	98.1
292	4/23/2012 13:46:20	13.09	45.82	29.67	8.48	7.68	10.8	2.99	97.0
293	4/23/2012 14:01:20	12.87	46.31	30.02	8.50	7.67	8.7	3.04	97.0
294	4/23/2012 14:16:20	12.70	46.63	30.24	8.54	7.67	7.0	3.09	97.2
295	4/23/2012 14:31:20	12.68	46.72	30.31	8.49	7.67	6.1	3.13	96.6
296	4/23/2012 14:46:20	12.71	46.68	30.28	8.44	7.68	4.6	3.15	96.2
297	4/23/2012 15:01:20	12.79	46.59	30.22	8.39	7.68	6.0	3.16	95.7
298	4/23/2012 15:16:20	13.29	45.96	29.78	8.60	7.69	7.0	3.15	98.8
299	4/23/2012 15:31:20	13.11	46.13	29.90	8.51	7.70	5.6	3.12	97.6
300	4/23/2012 15:46:20	13.58	45.50	29.46	8.69	7.71	7.3	3.07	100.3
301	4/23/2012 16:01:19	14.43	44.82	29.00	8.78	7.72	10.6	3.02	102.8
302	4/23/2012 16:16:19	14.28	45.01	29.13	8.78	7.73	10.9	2.95	102.5
303	4/23/2012 16:31:20	14.58	44.82	29.00	9.02	7.74	11.2	2.88	105.9
304	4/23/2012 16:46:19	14.52	44.96	29.10	9.08	7.75	9.7	2.82	106.6
305	4/23/2012 17:01:19	14.96	44.38	28.69	9.17	7.77	9.2	2.74	108.4
306	4/23/2012 17:16:20	14.65	44.20	28.56	9.00	7.75	8.5	2.66	105.5
307	4/23/2012 17:31:19	14.96	43.88	28.33	9.15	7.77	10.3	2.62	107.8
308	4/23/2012 17:46:19	15.18	43.59	28.13	9.28	7.79	9.4	2.55	109.8
309	4/23/2012 18:01:20	15.28	43.30	27.92	9.26	7.80	10.9	2.49	109.7
310	4/23/2012 18:16:19	15.33	43.04	27.74	9.28	7.80	10.8	2.44	109.8
311	4/23/2012 18:31:19	15.38	43.05	27.74	9.31	7.81	9.5	2.38	110.3
312	4/23/2012 18:46:20	15.37	43.04	27.74	9.25	7.82	9.5	2.34	109.6
313	4/23/2012 19:01:20	15.49	42.75	27.53	9.28	7.83	9.4	2.30	110.0
314	4/23/2012 19:16:19	15.64	42.40	27.29	9.33	7.84	8.4	2.28	110.8
315	4/23/2012 19:31:20	15.71	42.27	27.19	9.24	7.84	7.9	2.26	109.8
316	4/23/2012 19:46:20	15.47	42.68	27.48	9.07	7.83	7.7	2.25	107.5
317	4/23/2012 20:01:19	15.71	42.14	27.10	9.27	7.84	7.2	2.27	110.1

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
318	4/23/2012 20:16:19	15.40	42.74	27.52	9.18	7.83	8.1	2.30	108.7
319	4/23/2012 20:31:19	15.33	42.87	27.62	9.21	7.74	8.5	2.33	108.9
320	4/23/2012 20:46:19	15.45	42.55	27.39	9.28	7.81	8.1	2.38	109.8
321	4/23/2012 21:01:20	15.25	43.00	27.71	9.18	7.82	8.2	2.44	108.4
322	4/23/2012 21:16:20	15.07	43.27	27.90	9.04	7.81	9.0	2.50	106.5
323	4/23/2012 21:31:20	14.95	43.40	27.99	9.01	7.81	7.1	2.56	106.0
324	4/23/2012 21:46:19	14.83	43.64	28.16	9.02	7.80	7.3	2.64	105.9
325	4/23/2012 22:01:20	14.70	43.93	28.36	8.92	7.80	6.9	2.72	104.6
326	4/23/2012 22:16:19	14.61	44.01	28.42	8.93	7.80	7.0	2.78	104.6
327	4/23/2012 22:31:20	14.31	44.50	28.77	8.84	7.79	6.4	2.86	103.1
328	4/23/2012 22:46:19	14.36	44.51	28.77	8.84	7.80	8.7	2.94	103.2
329	4/23/2012 23:01:20	14.18	44.79	28.97	8.81	7.80	8.2	3.02	102.6
330	4/23/2012 23:16:20	13.71	45.50	29.47	8.65	7.79	6.7	3.08	100.1
331	4/23/2012 23:31:20	13.30	46.14	29.91	8.58	7.78	5.8	3.16	98.8
332	4/23/2012 23:46:20	13.07	46.44	30.12	8.52	7.78	5.5	3.23	97.7
333	4/24/2012 0:01:20	12.53	47.32	30.74	8.37	7.77	5.6	3.31	95.2
334	4/24/2012 0:16:20	12.34	47.50	30.86	8.36	7.76	5.9	3.37	94.9
335	4/24/2012 0:31:20	12.28	47.62	30.95	8.39	7.78	5.4	3.44	95.2
336	4/24/2012 0:46:20	12.28	47.71	31.01	8.41	7.77	5.6	3.50	95.5
337	4/24/2012 1:01:19	12.28	47.66	30.97	8.43	7.77	5.9	3.54	95.6
338	4/24/2012 1:16:19	12.18	47.83	31.09	8.50	7.77	6.0	3.58	96.2
339	4/24/2012 1:31:19	12.11	47.91	31.14	8.49	7.78	4.8	3.61	96.1
340	4/24/2012 1:46:19	12.07	47.95	31.17	8.46	7.78	4.3	3.63	95.6
341	4/24/2012 2:01:20	12.24	47.80	31.07	8.35	7.78	5.0	3.61	94.7
342	4/24/2012 2:16:20	12.19	47.80	31.07	8.35	7.78	5.0	3.59	94.6
343	4/24/2012 2:31:19	12.24	47.71	31.01	8.39	7.78	6.0	3.55	95.1
344	4/24/2012 2:46:20	12.55	47.28	30.71	8.32	7.79	5.7	3.50	94.7
345	4/24/2012 3:01:19	13.13	46.25	29.99	8.34	7.79	6.8	3.42	95.7
346	4/24/2012 3:16:19	13.42	45.78	29.66	8.34	7.80	7.4	3.34	96.0
347	4/24/2012 3:31:20	13.85	45.05	29.15	8.46	7.81	6.7	3.25	98.0
348	4/24/2012 3:46:19	13.90	44.90	29.04	8.46	7.81	6.4	3.15	98.0
349	4/24/2012 4:01:19	14.00	44.79	28.96	8.48	7.81	6.7	3.05	98.4
350	4/24/2012 4:16:20	14.09	44.60	28.83	8.44	7.81	7.0	2.95	98.0
351	4/24/2012 4:31:19	14.11	44.44	28.72	8.38	7.81	7.9	2.84	97.3
352	4/24/2012 4:46:19	14.03	44.77	28.95	8.48	7.81	11.4	2.74	98.5
353	4/24/2012 5:01:20	14.31	44.19	28.54	8.41	7.82	10.3	2.63	97.9
354	4/24/2012 5:16:20	14.39	43.93	28.36	8.38	7.83	9.2	2.51	97.7
355	4/24/2012 5:31:20	14.65	43.39	27.98	8.35	7.83	8.4	2.41	97.7
356	4/24/2012 5:46:19	14.80	43.17	27.82	8.35	7.83	9.3	2.28	97.8
357	4/24/2012 6:01:19	14.92	43.04	27.73	8.40	7.83	9.2	2.16	98.5
358	4/24/2012 6:16:20	15.04	42.88	27.62	8.34	7.82	8.5	2.05	98.0
359	4/24/2012 6:31:19	15.20	42.49	27.34	8.33	7.82	8.0	1.90	98.0
360	4/24/2012 6:46:20	15.24	42.49	27.35	8.27	7.82	8.3	1.80	97.5
361	4/24/2012 7:01:19	15.34	42.21	27.15	8.25	7.81	8.7	1.68	97.3
362	4/24/2012 7:16:19	15.46	42.11	27.07	8.20	7.82	8.9	1.57	96.9
363	4/24/2012 7:31:20	15.54	41.96	26.97	8.17	7.83	8.2	1.50	96.7
364	4/24/2012 7:46:20	15.57	41.95	26.97	8.13	7.83	8.1	1.42	96.2
365	4/24/2012 8:01:20	15.55	41.97	26.98	8.10	7.84	7.3	1.37	95.8
366	4/24/2012 8:16:19	15.40	42.23	27.16	8.10	7.84	8.0	1.35	95.6
367	4/24/2012 8:31:19	15.62	41.96	26.97	8.24	7.85	8.1	1.35	97.7
368	4/24/2012 8:46:19	15.32	42.35	27.25	8.25	7.84	7.8	1.37	97.4
369	4/24/2012 9:01:20	15.34	42.43	27.30	8.32	7.83	7.6	1.40	98.2
370	4/24/2012 9:16:20	15.39	42.38	27.27	8.35	7.85	7.6	1.46	98.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
371	4/24/2012 9:31:20	15.20	42.53	27.37	8.22	7.83	7.8	1.53	96.8
372	4/24/2012 9:46:19	15.50	41.74	26.81	8.36	7.84	7.5	1.61	98.7
373	4/24/2012 10:01:19	15.46	41.66	26.76	8.36	7.84	8.6	1.67	98.5
374	4/24/2012 10:16:20	15.35	41.84	26.89	8.31	7.83	8.0	1.74	97.9
375	4/24/2012 10:31:19	15.26	42.00	27.00	8.31	7.82	7.2	1.84	97.7
376	4/24/2012 10:46:20	15.20	42.25	27.17	8.22	7.83	7.1	1.91	96.7
377	4/24/2012 11:01:19	15.05	42.52	27.36	8.31	7.83	7.3	1.98	97.6
378	4/24/2012 11:16:20	14.84	42.97	27.68	8.31	7.82	7.0	2.07	97.4
379	4/24/2012 11:31:19	14.79	43.07	27.75	8.45	7.84	6.8	2.15	99.0
380	4/24/2012 11:46:19	14.49	43.68	28.18	8.34	7.83	6.7	2.23	97.3
381	4/24/2012 12:01:20	14.48	43.98	28.39	8.34	7.83	7.3	2.31	97.4
382	4/24/2012 12:16:19	14.52	43.90	28.34	8.39	7.83	6.7	2.40	98.0
383	4/24/2012 12:31:20	14.39	44.31	28.63	8.35	7.83	6.9	2.48	97.5
384	4/24/2012 12:46:20	14.29	44.49	28.76	8.37	7.83	7.0	2.56	97.6
385	4/24/2012 13:01:19	14.21	44.51	28.77	8.35	7.83	7.3	2.64	97.2
386	4/24/2012 13:16:20	14.16	44.69	28.90	8.35	7.83	7.1	2.71	97.2
387	4/24/2012 13:31:20	14.13	44.78	28.96	8.41	7.84	8.3	2.78	97.9
388	4/24/2012 13:46:20	14.06	44.89	29.04	8.41	7.82	7.3	2.85	97.8
389	4/24/2012 14:01:20	13.90	45.15	29.22	8.40	7.82	8.4	2.93	97.4
390	4/24/2012 14:16:19	13.52	45.62	29.55	8.34	7.80	10.0	2.98	96.2
391	4/24/2012 14:31:19	13.19	46.28	30.01	8.31	7.80	9.4	3.05	95.5
392	4/24/2012 14:46:20	12.94	46.82	30.39	8.35	7.80	7.7	3.11	95.6
393	4/24/2012 15:01:20	12.85	46.99	30.51	8.35	7.80	5.9	3.14	95.6
394	4/24/2012 15:16:20	12.90	47.02	30.54	8.35	7.80	5.1	3.17	95.7
395	4/24/2012 15:31:20	12.85	47.09	30.58	8.14	7.80	5.1	3.19	93.1
396	4/24/2012 15:46:20	12.81	47.15	30.62	8.23	7.80	6.5	3.20	94.2
397	4/24/2012 16:01:20	12.84	47.12	30.61	8.22	7.81	5.3	3.17	94.1
398	4/24/2012 16:16:19	12.91	46.98	30.51	8.32	7.81	7.1	3.12	95.3
399	4/24/2012 16:31:20	13.68	46.04	29.85	8.37	7.81	5.9	3.09	97.1
400	4/24/2012 16:46:20	14.28	45.58	29.54	8.45	7.84	5.7	3.03	99.0
401	4/24/2012 17:01:19	14.38	45.13	29.22	8.51	7.82	6.5	2.96	99.8
402	4/24/2012 17:16:20	14.68	44.92	29.07	8.57	7.84	6.9	2.91	100.9
403	4/24/2012 17:31:19	14.95	44.63	28.87	8.65	7.84	7.3	2.85	102.3
404	4/24/2012 17:46:20	15.36	44.38	28.70	8.76	7.85	7.3	2.78	104.3
405	4/24/2012 18:01:20	15.62	44.08	28.49	8.84	7.85	8.5	2.72	105.7
406	4/24/2012 18:16:19	15.89	43.79	28.28	8.97	7.87	7.2	2.67	107.7
407	4/24/2012 18:31:19	15.95	43.51	28.09	9.08	7.87	6.8	2.62	109.0
408	4/24/2012 18:46:19	15.95	43.34	27.96	9.07	7.88	6.8	2.56	108.8
409	4/24/2012 19:01:19	16.06	43.40	28.01	9.05	7.87	7.0	2.53	108.9
410	4/24/2012 19:16:19	16.11	43.19	27.86	9.13	7.86	6.7	2.50	109.8
411	4/24/2012 19:31:19	15.76	43.40	28.00	8.87	7.85	6.3	2.45	106.1
412	4/24/2012 19:46:19	15.64	43.49	28.06	8.84	7.84	5.6	2.46	105.4
413	4/24/2012 20:01:19	16.26	42.76	27.55	9.22	7.85	5.9	2.45	111.0
414	4/24/2012 20:16:19	16.28	42.73	27.53	9.17	7.88	6.2	2.42	110.5
415	4/24/2012 20:31:19	16.26	42.66	27.48	9.05	7.87	5.9	2.43	109.0
416	4/24/2012 20:46:19	15.97	43.04	27.75	9.19	7.86	6.7	2.44	110.1
417	4/24/2012 21:01:20	16.16	42.84	27.61	9.10	7.87	7.1	2.47	109.4
418	4/24/2012 21:16:20	16.15	42.92	27.67	9.14	7.88	6.8	2.49	109.9
419	4/24/2012 21:31:20	15.69	43.52	28.09	8.90	7.85	6.5	2.53	106.3
420	4/24/2012 21:46:19	15.80	43.31	27.94	8.94	7.85	7.5	2.58	107.0
421	4/24/2012 22:01:19	15.59	43.62	28.15	8.88	7.85	7.2	2.63	106.0
422	4/24/2012 22:16:20	15.18	44.25	28.60	8.63	7.83	6.7	2.69	102.4
423	4/24/2012 22:31:19	14.88	44.51	28.79	8.58	7.83	7.3	2.74	101.3

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
424	4/24/2012 22:46:19	14.73	44.90	29.06	8.64	7.84	6.4	2.80	101.8
425	4/24/2012 23:01:20	14.47	45.24	29.30	8.57	7.84	6.2	2.88	100.6
426	4/24/2012 23:16:20	14.49	45.19	29.26	8.62	7.84	6.4	2.94	101.2
427	4/24/2012 23:31:20	14.23	45.50	29.48	8.55	7.83	5.8	3.02	100.0
428	4/24/2012 23:46:20	13.74	46.11	29.91	8.46	7.83	6.1	3.09	98.3
429	4/25/2012 0:01:19	13.63	46.21	29.98	8.51	7.82	6.1	3.17	98.6
430	4/25/2012 0:16:20	13.04	47.19	30.66	8.39	7.81	7.0	3.25	96.5
431	4/25/2012 0:31:20	12.93	47.27	30.72	8.39	7.82	6.9	3.31	96.3
432	4/25/2012 0:46:20	12.79	47.51	30.88	8.40	7.81	6.8	3.38	96.3
433	4/25/2012 1:01:20	12.70	47.65	30.98	8.39	7.82	6.2	3.44	96.0
434	4/25/2012 1:16:20	12.63	47.71	31.02	8.39	7.82	5.8	3.48	95.9
435	4/25/2012 1:31:20	12.54	47.84	31.12	8.42	7.82	5.6	3.53	96.1
436	4/25/2012 1:46:20	12.44	47.98	31.21	8.43	7.81	5.0	3.56	96.1
437	4/25/2012 2:01:20	12.40	48.00	31.23	8.40	7.82	4.7	3.58	95.6
438	4/25/2012 2:16:19	12.35	48.08	31.28	8.36	7.81	4.8	3.60	95.1
439	4/25/2012 2:31:20	12.46	47.93	31.18	8.27	7.81	5.0	3.60	94.2
440	4/25/2012 2:46:20	12.41	48.00	31.22	8.26	7.81	5.9	3.58	94.1
441	4/25/2012 3:01:20	12.38	48.04	31.25	8.35	7.81	5.2	3.55	95.0
442	4/25/2012 3:16:20	12.54	47.81	31.09	8.29	7.80	5.9	3.50	94.7
443	4/25/2012 3:31:20	12.93	47.22	30.68	8.24	7.81	7.0	3.44	94.6
444	4/25/2012 3:46:19	13.75	45.99	29.82	8.16	7.81	6.8	3.37	94.8
445	4/25/2012 4:01:19	14.24	45.30	29.34	8.24	7.81	6.7	3.28	96.3
446	4/25/2012 4:16:19	14.31	45.15	29.23	8.25	7.74	7.1	3.20	96.5
447	4/25/2012 4:31:19	14.28	45.11	29.20	8.23	7.73	7.0	3.10	96.2
448	4/25/2012 4:46:19	14.19	45.31	29.34	8.24	7.79	7.8	3.00	96.3
449	4/25/2012 5:01:19	14.31	45.10	29.20	8.21	7.81	7.9	2.89	96.0
450	4/25/2012 5:16:20	14.20	45.27	29.31	8.15	7.82	7.2	2.79	95.1
451	4/25/2012 5:31:20	14.38	44.93	29.08	8.13	7.82	7.2	2.69	95.1
452	4/25/2012 5:46:20	14.80	44.33	28.65	8.23	7.82	7.8	2.58	96.9
453	4/25/2012 6:01:20	14.81	44.27	28.61	8.14	7.83	7.2	2.47	95.9
454	4/25/2012 6:16:20	14.56	44.49	28.76	8.18	7.82	7.5	2.36	96.0
455	4/25/2012 6:31:19	15.28	43.71	28.22	8.20	7.77	8.6	2.24	97.2
456	4/25/2012 6:46:19	15.50	43.42	28.02	8.14	7.82	7.7	2.13	96.9
457	4/25/2012 7:01:20	15.50	43.45	28.03	8.12	7.77	7.6	2.01	96.6
458	4/25/2012 7:16:19	15.42	43.45	28.03	8.04	7.77	7.1	1.89	95.5
459	4/25/2012 7:31:19	15.87	43.00	27.72	8.05	7.76	7.3	1.79	96.2
460	4/25/2012 7:46:19	16.02	42.82	27.59	8.02	7.77	8.3	1.69	96.1
461	4/25/2012 8:01:20	16.09	42.79	27.57	7.95	7.77	7.8	1.59	95.4
462	4/25/2012 8:16:20	16.14	42.71	27.51	7.92	7.76	7.1	1.52	95.1
463	4/25/2012 8:31:19	16.12	42.71	27.52	7.92	7.76	7.3	1.46	95.0
464	4/25/2012 8:46:19	16.21	42.65	27.47	7.98	7.75	6.7	1.43	95.9
465	4/25/2012 9:01:19	15.93	42.91	27.66	7.95	7.72	7.2	1.41	95.1
466	4/25/2012 9:16:19	15.84	42.97	27.70	7.98	7.72	7.5	1.41	95.4
467	4/25/2012 9:31:19	15.86	42.97	27.70	8.11	7.72	7.0	1.46	97.0
468	4/25/2012 9:46:19	15.98	42.90	27.65	8.16	7.72	6.4	1.49	97.8
469	4/25/2012 10:01:19	15.92	42.86	27.62	8.14	7.71	6.8	1.56	97.4
470	4/25/2012 10:16:19	16.14	42.20	27.15	8.18	7.72	7.5	1.61	98.1
471	4/25/2012 10:31:20	16.03	42.30	27.22	8.07	7.72	7.0	1.68	96.6
472	4/25/2012 10:46:19	15.93	42.49	27.36	8.05	7.73	7.6	1.76	96.1
473	4/25/2012 11:01:19	15.87	42.48	27.34	8.07	7.75	7.3	1.83	96.3
474	4/25/2012 11:16:20	15.76	42.80	27.58	8.02	7.78	6.8	1.89	95.6
475	4/25/2012 11:31:19	15.61	42.80	27.57	8.06	7.70	7.1	1.97	95.9
476	4/25/2012 11:46:19	15.27	43.67	28.19	8.09	7.72	6.8	2.04	95.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
477	4/25/2012 12:01:20	15.27	43.62	28.15	8.15	7.72	6.8	2.12	96.6
478	4/25/2012 12:16:20	15.22	43.69	28.20	8.22	7.75	6.8	2.19	97.3
479	4/25/2012 12:31:19	15.05	43.89	28.35	8.19	7.74	7.2	2.27	96.7
480	4/25/2012 12:46:20	14.85	44.40	28.70	8.14	7.75	6.7	2.35	96.0
481	4/25/2012 13:01:20	14.74	44.57	28.82	8.09	7.75	7.3	2.43	95.2
482	4/25/2012 13:16:20	14.56	44.95	29.09	8.11	7.75	8.0	2.51	95.3
483	4/25/2012 13:31:20	14.50	45.09	29.19	8.13	7.75	7.3	2.58	95.5
484	4/25/2012 13:46:19	14.48	45.05	29.16	8.18	7.76	7.6	2.67	95.9
485	4/25/2012 14:01:19	14.39	45.09	29.19	8.28	7.76	7.9	2.72	97.0
486	4/25/2012 14:16:20	14.23	45.34	29.37	8.29	7.76	8.2	2.80	96.9
487	4/25/2012 14:31:20	14.20	45.45	29.45	8.29	7.76	7.9	2.87	96.9
488	4/25/2012 14:46:20	14.12	45.60	29.55	8.32	7.77	8.3	2.94	97.1
489	4/25/2012 15:01:20	13.84	46.02	29.85	8.36	7.77	8.3	3.01	97.2
490	4/25/2012 15:16:20	13.54	46.42	30.13	8.43	7.77	7.3	3.06	97.6
491	4/25/2012 15:31:19	13.42	46.48	30.16	8.46	7.77	7.0	3.10	97.8
492	4/25/2012 15:46:19	13.37	46.63	30.27	8.39	7.77	6.3	3.13	96.9
493	4/25/2012 16:01:20	13.34	46.75	30.35	8.32	7.77	5.0	3.16	96.1
494	4/25/2012 16:16:20	13.43	46.69	30.32	8.27	7.75	5.5	3.16	95.6
495	4/25/2012 16:31:19	13.35	46.67	30.30	8.29	7.77	5.6	3.15	95.7
496	4/25/2012 16:46:20	13.35	46.74	30.35	8.33	7.77	6.2	3.13	96.2
497	4/25/2012 17:01:20	13.41	46.66	30.29	8.26	7.74	6.2	3.10	95.5
498	4/25/2012 17:16:20	13.69	46.23	29.99	8.24	7.75	6.1	3.06	95.6
499	4/25/2012 17:31:19	14.11	45.63	29.57	8.25	7.78	6.1	3.01	96.3
500	4/25/2012 17:46:19	14.26	45.36	29.38	8.25	7.78	6.7	2.95	96.5
501	4/25/2012 18:01:20	14.48	45.27	29.32	8.23	7.79	6.7	2.91	96.7
502	4/25/2012 18:16:20	14.59	45.21	29.28	8.20	7.79	5.9	2.84	96.5
503	4/25/2012 18:31:19	14.77	44.88	29.05	8.26	7.79	6.8	2.78	97.5
504	4/25/2012 18:46:20	14.75	44.91	29.07	8.24	7.79	6.6	2.73	97.1
505	4/25/2012 19:01:20	14.73	44.96	29.10	8.25	7.79	6.4	2.67	97.2
506	4/25/2012 19:16:20	14.75	44.86	29.03	8.17	7.78	6.4	2.65	96.4
507	4/25/2012 19:31:20	14.79	44.82	29.00	8.14	7.79	6.5	2.61	96.1
508	4/25/2012 19:46:20	14.84	44.68	28.91	8.24	7.80	6.4	2.57	97.2
509	4/25/2012 20:01:19	14.93	44.51	28.78	8.20	7.80	6.5	2.54	96.9
510	4/25/2012 20:16:20	14.99	44.41	28.71	8.18	7.80	6.1	2.53	96.7
511	4/25/2012 20:31:19	15.03	44.17	28.54	8.20	7.80	5.6	2.51	97.0
512	4/25/2012 20:46:19	14.86	44.64	28.87	8.00	7.79	4.8	2.50	94.4
513	4/25/2012 21:01:20	14.79	44.77	28.97	8.07	7.79	5.9	2.51	95.2
514	4/25/2012 21:16:20	14.94	44.34	28.66	8.21	7.79	6.0	2.52	96.9
515	4/25/2012 21:31:19	14.87	44.50	28.78	8.15	7.79	6.3	2.53	96.2
516	4/25/2012 21:46:20	14.85	44.59	28.84	8.14	7.79	5.9	2.55	96.1
517	4/25/2012 22:01:20	14.77	44.75	28.95	8.12	7.78	6.2	2.59	95.7
518	4/25/2012 22:16:20	14.71	44.84	29.01	8.16	7.79	5.8	2.63	96.1
519	4/25/2012 22:31:20	14.61	45.01	29.13	8.13	7.78	5.6	2.66	95.6
520	4/25/2012 22:46:19	14.48	45.07	29.17	8.15	7.78	6.1	2.71	95.6
521	4/25/2012 23:01:20	14.38	45.22	29.28	8.22	7.78	6.6	2.78	96.3
522	4/25/2012 23:16:19	14.19	45.40	29.41	8.23	7.78	6.5	2.83	96.1
523	4/25/2012 23:31:20	14.03	45.68	29.60	8.22	7.78	6.7	2.89	95.8
524	4/25/2012 23:46:20	13.78	46.04	29.86	8.22	7.79	5.5	2.96	95.5
525	4/26/2012 0:01:20	13.60	46.42	30.12	8.22	7.78	5.6	3.02	95.3
526	4/26/2012 0:16:19	13.50	46.47	30.16	8.21	7.78	5.7	3.10	95.0
527	4/26/2012 0:31:19	13.37	46.74	30.35	8.24	7.77	5.7	3.16	95.2
528	4/26/2012 0:46:20	13.28	46.87	30.44	8.23	7.77	5.6	3.21	94.9
529	4/26/2012 1:01:20	13.12	47.10	30.60	8.23	7.77	5.6	3.28	94.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
530	4/26/2012 1:16:20	12.98	47.29	30.73	8.21	7.78	6.0	3.34	94.3
531	4/26/2012 1:31:20	12.84	47.45	30.85	8.24	7.78	5.1	3.39	94.5
532	4/26/2012 1:46:20	12.77	47.46	30.85	8.25	7.77	5.5	3.43	94.5
533	4/26/2012 2:01:20	12.72	47.59	30.94	8.25	7.77	4.8	3.48	94.4
534	4/26/2012 2:16:20	12.67	47.63	30.97	8.20	7.77	4.7	3.50	93.7
535	4/26/2012 2:31:20	12.64	47.65	30.98	8.18	7.77	4.8	3.52	93.4
536	4/26/2012 2:46:20	12.60	47.65	30.98	8.10	7.78	3.3	3.55	92.4
537	4/26/2012 3:01:20	12.68	47.64	30.98	8.07	7.78	3.9	3.55	92.3
538	4/26/2012 3:16:20	12.60	47.71	31.02	8.11	7.78	4.5	3.53	92.6
539	4/26/2012 3:31:20	12.60	47.61	30.95	8.14	7.79	4.6	3.52	92.9
540	4/26/2012 3:46:20	12.66	47.58	30.93	8.13	7.78	5.8	3.49	92.9
541	4/26/2012 4:01:20	12.81	47.46	30.85	8.14	7.78	5.3	3.44	93.3
542	4/26/2012 4:16:20	13.22	46.80	30.39	8.10	7.79	5.9	3.39	93.3
543	4/26/2012 4:31:19	13.25	46.60	30.25	8.06	7.78	6.6	3.32	92.8
544	4/26/2012 4:46:20	13.38	46.20	29.96	7.99	7.79	7.8	3.23	92.1
545	4/26/2012 5:01:20	13.55	45.91	29.76	7.95	7.78	7.0	3.13	91.8
546	4/26/2012 5:16:20	13.68	45.69	29.60	7.90	7.78	7.6	3.04	91.5
547	4/26/2012 5:31:20	13.80	45.52	29.49	7.90	7.78	7.3	2.95	91.6
548	4/26/2012 5:46:20	13.82	45.48	29.46	7.86	7.80	7.4	2.86	91.2
549	4/26/2012 6:01:20	14.08	45.01	29.13	7.86	7.80	7.2	2.75	91.5
550	4/26/2012 6:16:20	14.13	44.94	29.07	7.83	7.80	7.2	2.67	91.1
551	4/26/2012 6:31:20	14.10	44.83	29.00	7.84	7.79	6.7	2.57	91.2
552	4/26/2012 6:46:20	14.21	44.60	28.83	7.81	7.80	6.7	2.46	91.0
553	4/26/2012 7:01:19	14.15	44.60	28.83	7.79	7.79	6.5	2.36	90.6
554	4/26/2012 7:16:19	14.37	44.33	28.64	7.78	7.79	6.9	2.25	90.8
555	4/26/2012 7:31:20	14.51	44.10	28.48	7.71	7.79	7.2	2.14	90.1
556	4/26/2012 7:46:19	14.73	43.61	28.14	7.67	7.79	7.2	2.04	89.9
557	4/26/2012 8:01:20	14.81	43.49	28.05	7.61	7.79	7.2	1.94	89.2
558	4/26/2012 8:16:19	14.98	43.12	27.79	7.60	7.81	7.3	1.83	89.3
559	4/26/2012 8:31:20	15.12	42.88	27.62	7.59	7.80	7.7	1.74	89.4
560	4/26/2012 8:46:20	15.28	42.68	27.48	7.54	7.81	7.6	1.66	89.0
561	4/26/2012 9:01:20	15.31	42.63	27.44	7.51	7.80	7.8	1.59	88.7
562	4/26/2012 9:16:19	15.38	42.55	27.39	7.47	7.80	7.3	1.54	88.3
563	4/26/2012 9:31:19	15.43	42.41	27.29	7.52	7.80	7.0	1.51	89.0
564	4/26/2012 9:46:19	15.33	42.68	27.48	7.46	7.80	7.7	1.49	88.1
565	4/26/2012 10:01:20	15.29	42.88	27.62	7.45	7.80	7.1	1.51	88.0
566	4/26/2012 10:16:20	15.28	42.90	27.64	7.55	7.79	7.3	1.53	89.2
567	4/26/2012 10:31:20	15.29	42.89	27.63	7.73	7.80	7.6	1.57	91.3
568	4/26/2012 10:46:20	15.41	42.89	27.63	7.82	7.81	7.2	1.63	92.6
569	4/26/2012 11:01:19	15.40	42.06	27.04	7.92	7.79	8.0	1.69	93.5
570	4/26/2012 11:16:19	15.32	41.85	26.89	7.89	7.79	8.2	1.75	92.8
571	4/26/2012 11:31:19	15.22	42.31	27.22	7.74	7.79	7.6	1.81	91.0
572	4/26/2012 11:46:19	15.16	42.15	27.10	7.76	7.78	8.1	1.87	91.1
573	4/26/2012 12:01:19	15.18	42.41	27.29	7.73	7.78	7.0	1.94	90.9
574	4/26/2012 12:16:19	15.23	42.63	27.45	7.64	7.78	6.4	2.00	90.1
575	4/26/2012 12:31:20	15.24	42.70	27.49	7.65	7.78	6.4	2.07	90.3
576	4/26/2012 12:46:20	15.01	43.30	27.92	7.65	7.79	6.5	2.14	90.0
577	4/26/2012 13:01:19	15.04	43.27	27.90	7.73	7.78	6.6	2.21	91.1
578	4/26/2012 13:16:19	15.09	43.54	28.10	7.87	7.79	6.3	2.27	92.9
579	4/26/2012 13:31:19	15.10	43.71	28.21	7.99	7.79	6.7	2.35	94.4
580	4/26/2012 13:46:20	14.66	44.26	28.60	7.82	7.77	6.4	2.42	91.8
581	4/26/2012 14:01:20	14.58	44.47	28.74	7.82	7.77	6.8	2.49	91.8
582	4/26/2012 14:16:19	14.50	44.54	28.80	7.81	7.76	6.5	2.56	91.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	4/26/2012 14:31:19	14.46	44.52	28.78	7.83	7.77	6.0	2.64	91.7
584	4/26/2012 14:46:20	14.40	44.78	28.97	7.86	7.77	6.2	2.69	92.0
585	4/26/2012 15:01:20	14.31	44.91	29.06	7.86	7.76	6.2	2.75	91.9
586	4/26/2012 15:16:20	14.20	44.95	29.08	7.84	7.76	6.1	2.82	91.4
587	4/26/2012 15:31:20	14.15	45.13	29.21	7.86	7.76	6.2	2.87	91.7
588	4/26/2012 15:46:20	14.18	45.18	29.25	7.98	7.75	6.3	2.92	93.1
589	4/26/2012 16:01:20	14.17	45.29	29.33	8.03	7.76	6.2	2.97	93.7
590	4/26/2012 16:16:20	14.16	45.41	29.41	8.04	7.76	5.3	3.01	93.8
591	4/26/2012 16:31:20	14.05	45.52	29.49	8.00	7.76	5.1	3.05	93.3
592	4/26/2012 16:46:20	14.02	45.54	29.50	7.92	7.75	4.2	3.07	92.3
593	4/26/2012 17:01:20	14.04	45.58	29.53	7.78	7.75	4.2	3.08	90.6
594	4/26/2012 17:16:20	14.02	45.54	29.51	7.80	7.74	5.1	3.08	90.8
595	4/26/2012 17:31:19	14.04	45.57	29.53	7.92	7.74	5.7	3.07	92.3
596	4/26/2012 17:46:20	14.14	45.47	29.46	7.91	7.74	5.6	3.04	92.4
597	4/26/2012 18:01:20	14.21	45.39	29.40	7.92	7.74	5.9	3.01	92.6
598	4/26/2012 18:16:20	14.31	45.21	29.28	7.94	7.75	6.2	2.96	92.9
599	4/26/2012 18:31:20	14.59	45.03	29.15	7.98	7.76	5.5	2.92	93.8
600	4/26/2012 18:46:20	14.81	44.95	29.10	8.37	7.80	5.2	2.86	98.9
601	4/26/2012 19:01:20	14.62	44.95	29.09	8.29	7.79	5.7	2.81	97.5
602	4/26/2012 19:16:20	14.69	44.79	28.98	8.19	7.74	5.7	2.75	96.4
603	4/26/2012 19:31:20	14.93	44.47	28.76	8.20	7.77	5.6	2.71	96.8
604	4/26/2012 19:46:19	15.07	44.39	28.70	8.28	7.78	5.3	2.66	98.1
605	4/26/2012 20:01:20	15.05	44.26	28.61	8.30	7.76	5.5	2.61	98.3
606	4/26/2012 20:16:20	15.17	44.15	28.53	8.35	7.79	5.4	2.59	98.9
607	4/26/2012 20:31:20	15.12	44.14	28.52	8.34	7.79	5.3	2.56	98.8
608	4/26/2012 20:46:20	15.29	43.83	28.31	8.34	7.79	5.2	2.53	99.0
609	4/26/2012 21:01:20	15.29	43.76	28.25	8.34	7.79	5.0	2.52	98.9
610	4/26/2012 21:16:20	15.10	43.97	28.40	8.11	7.79	4.5	2.51	95.9
611	4/26/2012 21:31:20	15.27	43.69	28.20	8.22	7.81	4.8	2.50	97.4
612	4/26/2012 21:46:19	15.35	43.54	28.10	8.33	7.82	4.9	2.51	98.9
613	4/26/2012 22:01:20	15.33	43.47	28.05	8.40	7.81	5.5	2.53	99.6
614	4/26/2012 22:16:19	15.21	43.86	28.33		7.78	5.8	2.53	
615	4/26/2012 22:31:19	15.12	44.15	28.53		7.78	5.3	2.56	
616	4/26/2012 22:46:19	15.05	44.24	28.59		7.77	5.5	2.59	
617	4/26/2012 23:01:19	15.11	44.10	28.49		7.79	5.6	2.63	
618	4/26/2012 23:16:19	15.03	44.15	28.53		7.78	5.2	2.67	
619	4/26/2012 23:31:19	14.88	44.41	28.71		7.76	5.0	2.71	
620	4/26/2012 23:46:19	14.87	44.51	28.79		7.77	5.6	2.76	
621	4/27/2012 0:01:19	14.68	44.68	28.90		7.76	5.3	2.81	
622	4/27/2012 0:16:19	14.61	44.71	28.92		7.79	5.3	2.86	
623	4/27/2012 0:31:19	14.56	44.74	28.94		7.76	5.0	2.91	
624	4/27/2012 0:46:19	14.47	44.90	29.05		7.78	4.7	2.96	
625	4/27/2012 1:01:19	14.25	45.15	29.23		7.80	5.0	3.02	
626	4/27/2012 1:16:20	14.11	45.23	29.28		7.79	5.0	3.07	
627	4/27/2012 1:31:19	14.07	45.27	29.31		7.81	5.3	3.12	
628	4/27/2012 1:46:20	13.94	45.39	29.39		7.80	4.8	3.18	
629	4/27/2012 2:01:20	13.84	45.64	29.57		7.79	4.7	3.23	
630	4/27/2012 2:16:19	13.70	45.69	29.60		7.80	4.7	3.27	
631	4/27/2012 2:31:19	13.59	45.88	29.74		7.81	4.5	3.31	
632	4/27/2012 2:46:20	13.46	46.31	30.04		7.80	4.4	3.35	
633	4/27/2012 3:01:20	13.37	46.43	30.13		7.82	4.8	3.40	
634	4/27/2012 3:16:19	13.36	46.38	30.09		7.82	4.5	3.41	
635	4/27/2012 3:31:19	13.34	46.25	29.99		7.81	4.3	3.41	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	4/27/2012 3:46:20	13.38	46.45	30.14		7.81	4.2	3.42	
637	4/27/2012 4:01:20	13.34	46.59	30.24		7.83	4.8	3.41	
638	4/27/2012 4:16:19	13.34	46.51	30.18		7.82	5.3	3.39	
639	4/27/2012 4:31:20	13.57	45.96	29.79		7.82	5.4	3.35	
640	4/27/2012 4:46:19	13.61	45.94	29.78		7.84	5.1	3.30	
641	4/27/2012 5:01:19	13.72	45.64	29.56		7.83	5.9	3.24	
642	4/27/2012 5:16:19	13.77	45.66	29.58		7.87	6.1	3.17	
643	4/27/2012 5:31:20	13.76	45.68	29.60		7.85	6.9	3.09	
644	4/27/2012 5:46:20	13.90	44.98	29.10		7.85	7.2	3.00	
645	4/27/2012 6:01:20	14.01	44.31	28.62		7.86	7.5	2.94	
646	4/27/2012 6:16:20	14.03	44.17	28.52		7.84	7.4	2.86	
647	4/27/2012 6:31:20	14.20	44.13	28.50		7.86	7.3	2.77	
648	4/27/2012 6:46:19	13.93	44.02	28.41		7.84	6.7	2.70	
649	4/27/2012 7:01:20	13.99	43.47	28.02		7.84	6.8	2.61	
650	4/27/2012 7:16:20	14.06	43.23	27.85		7.85	6.7	2.51	
651	4/27/2012 7:31:19	14.13	43.20	27.83		7.86	6.6	2.40	
652	4/27/2012 7:46:19	14.05	43.53	28.06		7.87	6.5	2.32	
653	4/27/2012 8:01:20	14.37	43.30	27.91		7.90	6.7	2.22	
654	4/27/2012 8:16:19	14.46	43.17	27.81		7.94	6.4	2.11	
655	4/27/2012 8:31:19	14.63	42.97	27.67		7.94	6.2	2.03	
656	4/27/2012 8:46:19	14.75	42.82	27.57		7.95	6.2	1.92	
657	4/27/2012 9:01:19	14.81	42.76	27.53		7.95	7.3	1.84	
658	4/27/2012 9:16:19	14.81	42.85	27.59		7.94	6.1	1.76	
659	4/27/2012 9:31:19	14.89	42.83	27.58		7.93	6.2	1.70	
660	4/27/2012 9:46:20	14.89	42.94	27.66		7.91	5.4	1.65	
661	4/27/2012 10:01:19	14.90	42.93	27.65		7.91	4.6	1.61	
662	4/27/2012 10:16:19	14.95	42.84	27.59		7.92	5.4	1.57	
663	4/27/2012 10:31:19	15.10	42.89	27.63		7.93	5.7	1.58	
664	4/27/2012 10:46:19	15.09	42.94	27.66		7.91	6.1	1.59	
665	4/27/2012 11:01:19	15.33	42.80	27.57		7.91	6.0	1.61	
666	4/27/2012 11:16:20	15.01	42.98	27.69		7.90	5.7	1.62	
667	4/27/2012 11:31:19	14.90	43.03	27.72		7.88	5.5	1.68	
668	4/27/2012 11:46:19	15.13	42.23	27.16		7.88	6.1	1.72	
669	4/27/2012 12:01:20	14.99	42.76	27.53		7.88	5.3	1.76	
670	4/27/2012 12:16:19	14.98	42.82	27.58		7.87	5.6	1.81	
671	4/27/2012 12:31:19	14.91	42.87	27.61		7.87	5.6	1.87	
672	4/27/2012 12:46:19	14.94	42.87	27.61		7.87	5.7	1.94	
673	4/27/2012 13:01:19	14.93	42.83	27.58		7.87	5.9	1.99	
674	4/27/2012 13:16:19	14.87	42.67	27.46		7.86	5.9	2.06	
675	4/27/2012 13:31:19	14.79	42.74	27.51		7.85	5.7	2.13	
676	4/27/2012 13:46:20	14.63	43.20	27.84		7.84	6.1	2.19	
677	4/27/2012 14:01:20	14.63	43.01	27.71		7.85	6.5	2.26	
678	4/27/2012 14:16:20	14.58	43.25	27.88		7.85	6.5	2.33	
679	4/27/2012 14:31:19	14.48	43.55	28.08		7.84	6.1	2.40	
680	4/27/2012 14:46:19	14.41	43.80	28.26		7.83	5.8	2.47	
681	4/27/2012 15:01:19	14.43	43.91	28.34		7.83	5.9	2.54	
682	4/27/2012 15:16:20	14.37	44.19	28.54		7.83	5.9	2.59	
683	4/27/2012 15:31:19	14.30	44.23	28.57		7.83	5.7	2.66	
684	4/27/2012 15:46:20	14.45	44.21	28.56		7.83	5.8	2.71	
685	4/27/2012 16:01:19	14.42	44.10	28.48		7.83	5.7	2.77	
686	4/27/2012 16:16:19	14.37	44.18	28.54		7.79	5.6	2.85	
687	4/27/2012 16:31:19	14.10	44.73	28.93		7.82	5.4	2.89	
688	4/27/2012 16:46:20	14.01	44.93	29.07		7.82	5.6	2.94	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	4/27/2012 17:01:20	13.97	45.02	29.13		7.82	4.9	2.97	
690	4/27/2012 17:16:20	13.94	45.06	29.15		7.82	5.1	3.02	
691	4/27/2012 17:31:20	14.04	45.02	29.13		7.81	4.4	3.05	
692	4/27/2012 17:46:20	14.04	44.97	29.10		7.81	4.3	3.05	
693	4/27/2012 18:01:20	13.95	45.03	29.14		7.81	4.9	3.07	
694	4/27/2012 18:16:19	13.98	45.04	29.14		7.81	4.4	3.05	
695	4/27/2012 18:31:20	14.10	44.90	29.05		7.81	5.0	3.03	
696	4/27/2012 18:46:19	14.63	44.41	28.71		7.84	6.7	3.00	
697	4/27/2012 19:01:20	14.62	44.41	28.71		7.86	6.1	2.96	
698	4/27/2012 19:16:20	14.49	44.46	28.74		7.86	6.3	2.92	
699	4/27/2012 19:31:20	14.51	44.31	28.64		7.87	7.0	2.87	
700	4/27/2012 19:46:20	14.47	44.34	28.65		7.88	6.4	2.82	
701	4/27/2012 20:01:20	14.43	44.38	28.68		7.90	6.7	2.76	
702	4/27/2012 20:16:19	14.44	44.32	28.64		7.91	6.7	2.72	
703	4/27/2012 20:31:19	14.69	43.86	28.31		7.90	7.4	2.67	
704	4/27/2012 20:46:19	14.75	43.87	28.32		7.90	7.0	2.63	
705	4/27/2012 21:01:20	14.87	43.40	27.99		7.90	7.2	2.60	
706	4/27/2012 21:16:20	14.64	43.72	28.21		7.89	6.7	2.57	
707	4/27/2012 21:31:19	14.80	43.27	27.89		7.91	6.8	2.54	
708	4/27/2012 21:46:19	14.77	43.37	27.97		7.89	7.0	2.51	
709	4/27/2012 22:01:20	14.76	43.33	27.94		7.87	6.2	2.50	
710	4/27/2012 22:16:20	14.82	43.25	27.88		7.87	6.1	2.49	
711	4/27/2012 22:31:20	14.74	43.40	27.98		7.86	5.4	2.48	
712	4/27/2012 22:46:19	14.79	43.09	27.77		7.86	6.0	2.48	
713	4/27/2012 23:01:20	14.80	42.97	27.68		7.86	6.3	2.49	
714	4/27/2012 23:16:20	14.70	43.20	27.84		7.85	5.9	2.51	
715	4/27/2012 23:31:20	14.74	43.58	28.11		7.85	6.5	2.52	
716	4/27/2012 23:46:19	14.76	42.89	27.62		7.86	6.1	2.56	
717	4/28/2012 0:01:19	14.73	43.54	28.09		7.85	6.1	2.59	
718	4/28/2012 0:16:20	14.69	43.55	28.09		7.84	5.9	2.61	
719	4/28/2012 0:31:20	14.65	43.73	28.22		7.83	5.9	2.66	
720	4/28/2012 0:46:20	14.52	44.09	28.47		7.82	5.9	2.70	
721	4/28/2012 1:01:20	14.31	44.53	28.78		7.83	5.8	2.74	
722	4/28/2012 1:16:19	14.17	44.67	28.88		7.80	5.1	2.77	
723	4/28/2012 1:31:20	13.98	45.17	29.24		7.80	5.0	2.83	
724	4/28/2012 1:46:20	13.98	45.16	29.23		7.81	5.2	2.86	
725	4/28/2012 2:01:20	13.77	45.47	29.45		7.80	5.1	2.91	
726	4/28/2012 2:16:20	13.62	45.81	29.69		7.80	5.0	2.97	
727	4/28/2012 2:31:20	13.44	46.23	29.98		7.80	5.0	3.01	
728	4/28/2012 2:46:20	13.34	46.38	30.09		7.81	5.1	3.06	
729	4/28/2012 3:01:19	13.34	46.26	30.00		7.85	5.2	3.10	
730	4/28/2012 3:16:20	13.28	46.33	30.05		7.83	5.1	3.14	
731	4/28/2012 3:31:19	13.13	46.63	30.26		7.82	5.4	3.18	
732	4/28/2012 3:46:20	13.36	46.18	29.95		7.81	5.3	3.21	
733	4/28/2012 4:01:20	13.39	46.08	29.87		7.79	5.1	3.25	
734	4/28/2012 4:16:20	13.25	46.40	30.10		7.80	5.4	3.26	
735	4/28/2012 4:31:20	13.33	46.39	30.10		7.78	4.3	3.27	
736	4/28/2012 4:46:19	13.38	46.13	29.91		7.78	4.0	3.28	
737	4/28/2012 5:01:19	13.31	46.31	30.04		7.79	4.5	3.26	
738	4/28/2012 5:16:20	13.48	46.08	29.88		7.78	4.9	3.23	
739	4/28/2012 5:31:20	13.69	45.18	29.24		7.79	6.2	3.19	
740	4/28/2012 5:46:20	13.96	43.85	28.29		7.79	6.5	3.16	
741	4/28/2012 6:01:20	13.90	43.98	28.38		7.80	6.6	3.09	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	4/28/2012 6:16:19	13.71	45.01	29.11		7.81	7.2	3.02	
743	4/28/2012 6:31:19	13.80	45.04	29.14		7.81	7.3	2.95	
744	4/28/2012 6:46:20	13.92	44.58	28.81		7.80	6.9	2.88	
745	4/28/2012 7:01:20	13.96	44.56	28.80		7.81	6.3	2.82	
746	4/28/2012 7:16:20	14.06	44.17	28.52		7.82	6.5	2.73	
747	4/28/2012 7:31:20	14.12	44.18	28.53		7.81	6.0	2.66	
748	4/28/2012 7:46:20	14.22	44.08	28.46		7.81	6.4	2.57	
749	4/28/2012 8:01:20	14.39	43.81	28.27		7.83	6.7	2.49	
750	4/28/2012 8:16:20	14.54	43.49	28.05		7.85	7.9	2.38	
751	4/28/2012 8:31:19	14.49	43.54	28.08		7.83	6.2	2.29	
752	4/28/2012 8:46:19	14.66	43.35	27.95		7.85	6.2	2.21	
753	4/28/2012 9:01:20	14.84	43.03	27.72		7.85	6.1	2.12	
754	4/28/2012 9:16:19	14.93	43.11	27.78		7.86	5.9	2.02	
755	4/28/2012 9:31:20	15.02	43.03	27.72		7.87	6.0	1.94	
756	4/28/2012 9:46:19	15.15	42.92	27.65		7.87	5.9	1.85	
757	4/28/2012 10:01:20	15.17	43.02	27.72		7.87	5.9	1.79	
758	4/28/2012 10:16:20	15.22	42.90	27.64		7.87	5.8	1.71	
759	4/28/2012 10:31:20	15.32	42.82	27.58		7.87	6.1	1.66	
760	4/28/2012 10:46:20	15.33	42.55	27.39		7.89	5.4	1.64	
761	4/28/2012 11:01:19	15.35	42.66	27.47		7.87	5.3	1.61	
762	4/28/2012 11:16:20	15.34	42.91	27.64		7.88	6.8	1.59	
763	4/28/2012 11:31:20	15.45	42.93	27.66		7.89	6.5	1.60	
764	4/28/2012 11:46:19	15.35	42.75	27.53		7.90	5.6	1.61	
765	4/28/2012 12:01:19	15.27	42.72	27.51		7.91	5.6	1.62	
766	4/28/2012 12:16:20	15.16	42.94	27.67		7.92	5.9	1.65	
767	4/28/2012 12:31:20	15.19	42.90	27.63		7.92	5.7	1.69	
768	4/28/2012 12:46:20	15.09	43.04	27.74		7.92	5.1	1.72	
769	4/28/2012 13:01:20	14.83	43.10	27.77		7.90	4.7	1.77	
770	4/28/2012 13:16:19	14.97	43.04	27.73		7.92	4.8	1.82	
771	4/28/2012 13:31:20	15.19	42.95	27.67		7.91	5.1	1.86	
772	4/28/2012 13:46:20	15.11	42.96	27.68		7.91	5.1	1.93	
773	4/28/2012 14:01:20	15.01	43.04	27.73		7.90	5.2	1.99	
774	4/28/2012 14:16:20	14.95	42.97	27.68		7.90	5.1	2.06	
775	4/28/2012 14:31:19	14.47	43.56	28.10		7.87	5.0	2.12	
776	4/28/2012 14:46:20	14.48	43.66	28.17		7.88	5.3	2.19	
777	4/28/2012 15:01:20	14.37	43.96	28.38		7.88	5.7	2.27	
778	4/28/2012 15:16:20	14.36	43.96	28.38		7.88	5.6	2.34	
779	4/28/2012 15:31:19	14.21	44.23	28.57		7.87	5.6	2.40	
780	4/28/2012 15:46:19	14.34	44.20	28.55		7.89	6.1	2.47	
781	4/28/2012 16:01:20	14.25	44.47	28.74		7.89	6.1	2.54	
782	4/28/2012 16:16:19	14.26	44.48	28.75		7.89	5.8	2.60	
783	4/28/2012 16:31:19	14.38	44.38	28.68		7.90	6.5	2.66	
784	4/28/2012 16:46:20	14.16	44.79	28.97		7.88	5.7	2.72	
785	4/28/2012 17:01:20	14.01	45.01	29.12		7.89	5.3	2.78	
786	4/28/2012 17:16:20	14.00	45.14	29.21		7.88	5.2	2.84	
787	4/28/2012 17:31:20	14.09	45.11	29.19		7.89	5.6	2.89	
788	4/28/2012 17:46:20	13.80	45.42	29.41		7.89	5.0	2.93	
789	4/28/2012 18:01:20	13.68	45.48	29.45		7.88	5.3	2.97	
790	4/28/2012 18:16:20	13.64	45.62	29.55		7.88	4.8	3.01	
791	4/28/2012 18:31:20	13.57	45.72	29.62		7.88	4.7	3.01	
792	4/28/2012 18:46:20	13.71	45.58	29.53		7.88	3.9	3.03	
793	4/28/2012 19:01:20	13.76	45.55	29.50		7.88	4.6	3.03	
794	4/28/2012 19:16:20	14.19	45.11	29.20		7.91	7.3	3.02	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	4/28/2012 19:31:20	13.95	45.33	29.35		7.92	7.1	2.99	
796	4/28/2012 19:46:20	14.15	45.15	29.23		7.93	8.7	2.97	
797	4/28/2012 20:01:20	14.33	44.89	29.05		7.92	9.2	2.94	
798	4/28/2012 20:16:20	14.11	45.15	29.23		7.92	9.5	2.89	
799	4/28/2012 20:31:20	14.12	45.13	29.21		7.89	10.3	2.83	
800	4/28/2012 20:46:20	14.12	45.10	29.19		7.88	11.5	2.80	
801	4/28/2012 21:01:20	14.41	44.72	28.92		7.90	13.3	2.75	
802	4/28/2012 21:16:20	14.54	44.49	28.76		7.86	15.3	2.69	
803	4/28/2012 21:31:20	14.55	44.38	28.68		7.87	14.4	2.65	
804	4/28/2012 21:46:20	14.59	44.12	28.50		7.88	17.7	2.60	
805	4/28/2012 22:01:20	14.64	43.93	28.36		7.91	17.8	2.57	
806	4/28/2012 22:16:20	14.57	43.99	28.41		7.90	17.3	2.52	
807	4/28/2012 22:31:19	14.63	43.68	28.18		7.92	16.8	2.48	
808	4/28/2012 22:46:19	14.65	43.67	28.17		7.92	14.2	2.46	
809	4/28/2012 23:01:19	14.64	43.81	28.28		7.90	14.4	2.42	
810	4/28/2012 23:16:20	14.68	43.69	28.19		7.90	12.2	2.40	
811	4/28/2012 23:31:20	14.76	43.61	28.14		7.92	11.4	2.39	
812	4/28/2012 23:46:20	14.83	43.50	28.06		7.90	10.3	2.38	
813	4/29/2012 0:01:20	14.87	43.41	28.00		7.92	13.7	2.37	
814	4/29/2012 0:16:20	14.97	43.21	27.85		7.91	13.0	2.38	
815	4/29/2012 0:31:19	14.95	43.27	27.89		7.92	13.1	2.40	
816	4/29/2012 0:46:20	14.75	43.48	28.05		7.90	11.9	2.40	
817	4/29/2012 1:01:20	14.87	43.40	27.99		7.94	11.7	2.43	
818	4/29/2012 1:16:20	14.68	43.69	28.19		7.93	10.9	2.46	
819	4/29/2012 1:31:20	14.66	43.81	28.27		7.94	10.6	2.49	
820	4/29/2012 1:46:20	14.62	43.89	28.33		7.90	10.3	2.53	
821	4/29/2012 2:01:19	14.59	43.91	28.35		7.86	9.9	2.57	
822	4/29/2012 2:16:20	14.51	44.11	28.49		7.87	10.3	2.62	
823	4/29/2012 2:31:20	14.31	44.54	28.80		7.87	8.9	2.66	
824	4/29/2012 2:46:20	14.29	44.60	28.83		7.87	9.0	2.70	
825	4/29/2012 3:01:20	13.97	45.24	29.28		7.87	7.6	2.76	
826	4/29/2012 3:16:20	13.84	45.51	29.48		7.88	7.3	2.80	
827	4/29/2012 3:31:20	13.75	45.58	29.53		7.90	7.2	2.85	
828	4/29/2012 3:46:20	13.56	46.06	29.87		7.90	6.6	2.90	
829	4/29/2012 4:01:20	13.57	46.00	29.82		7.90	6.2	2.94	
830	4/29/2012 4:16:20	13.55	46.02	29.84		7.90	6.5	2.97	
831	4/29/2012 4:31:20	13.44	46.29	30.03		7.92	6.2	3.01	
832	4/29/2012 4:46:20	13.78	45.54	29.50		7.93	6.4	3.05	
833	4/29/2012 5:01:20	13.83	45.42	29.41		7.94	6.7	3.07	
834	4/29/2012 5:16:20	13.79	45.51	29.48		7.96	6.2	3.08	
835	4/29/2012 5:31:20	13.85	45.27	29.31		7.97	5.6	3.09	
836	4/29/2012 5:46:20	13.81	45.34	29.36		7.95	5.5	3.10	
837	4/29/2012 6:01:20	13.64	45.81	29.69		7.96	5.7	3.10	
838	4/29/2012 6:16:20	13.69	45.60	29.54		8.01	6.8	3.06	
839	4/29/2012 6:31:20	13.93	44.69	28.89		8.02	7.7	3.03	
840	4/29/2012 6:46:20	13.91	44.94	29.07		8.03	7.3	3.00	
841	4/29/2012 7:01:20	13.95	44.82	28.98		8.03	8.6	2.96	
842	4/29/2012 7:16:20	14.00	44.80	28.97		8.03	7.3	2.90	
843	4/29/2012 7:31:20	13.86	45.05	29.15		8.04	7.1	2.84	
844	4/29/2012 7:46:20	13.82	45.30	29.33		8.05	7.8	2.77	
845	4/29/2012 8:01:20	13.88	45.14	29.21		8.06	7.5	2.71	
846	4/29/2012 8:16:20	14.14	44.42	28.70		8.04	9.1	2.64	
847	4/29/2012 8:31:20	14.23	44.31	28.62			11.4	2.56	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	4/29/2012 8:46:20	14.36	44.05	28.44			9.7	2.49	
849	4/29/2012 9:01:20	14.54	43.78	28.26			11.2	2.39	
850	4/29/2012 9:16:20	14.67	43.51	28.06			10.1	2.31	
851	4/29/2012 9:31:20	14.72	43.54	28.08			9.2	2.22	
852	4/29/2012 9:46:19	14.70	43.51	28.07			9.2	2.13	
853	4/29/2012 10:01:20	14.98	43.21	27.85			9.0	2.04	
854	4/29/2012 10:16:20	15.10	43.02	27.72			9.0	1.96	
855	4/29/2012 10:31:19	15.23	42.93	27.66			8.6	1.87	
856	4/29/2012 10:46:19	15.32	42.84	27.60			8.7	1.81	
857	4/29/2012 11:01:20	15.40	42.90	27.64			8.6	1.74	
858	4/29/2012 11:16:20	15.40	42.99	27.70			7.6	1.68	
859	4/29/2012 11:31:20	15.32	42.95	27.67			7.2	1.63	
860	4/29/2012 11:46:20	15.40	42.82	27.58			7.3	1.60	
861	4/29/2012 12:01:19	15.32	42.84	27.60			7.0	1.57	
862	4/29/2012 12:16:20	15.38	42.89	27.63			7.6	1.57	
863	4/29/2012 12:31:19	15.46	42.81	27.58			8.2	1.57	
864	4/29/2012 12:46:20	15.56	42.80	27.57			8.6	1.56	
865	4/29/2012 13:01:19	15.36	42.79	27.56			7.0	1.60	
866	4/29/2012 13:16:19	15.22	43.03	27.73			7.3	1.63	
867	4/29/2012 13:31:19	14.95	43.28	27.90			6.7	1.66	
868	4/29/2012 13:46:20	15.04	43.19	27.84			6.7	1.70	
869	4/29/2012 14:01:20	15.19	43.05	27.75			7.0	1.74	
870	4/29/2012 14:16:20	15.29	43.05	27.75			7.0	1.81	
871	4/29/2012 14:31:20	14.94	43.23	27.87			6.1	1.86	
872	4/29/2012 14:46:19	14.98	43.22	27.86			6.3	1.91	
873	4/29/2012 15:01:20	14.93	43.24	27.87			6.4	1.98	
874	4/29/2012 15:16:20	14.45	44.02	28.43			6.4	2.05	
875	4/29/2012 15:31:20	14.42	44.07	28.46			6.8	2.13	
876	4/29/2012 15:46:20	14.46	44.06	28.45			7.0	2.20	
877	4/29/2012 16:01:19	14.28	44.35	28.66			6.7	2.27	
878	4/29/2012 16:16:20	14.16	44.64	28.86			6.5	2.34	
879	4/29/2012 16:31:20	14.11	44.79	28.97			6.8	2.43	
880	4/29/2012 16:46:20	14.09	44.91	29.05			6.7	2.49	
881	4/29/2012 17:01:20	13.97	45.11	29.19			6.5	2.55	
882	4/29/2012 17:16:20	14.00	44.95	29.08			6.5	2.62	
883	4/29/2012 17:31:19	13.93	45.11	29.19			7.8	2.70	
884	4/29/2012 17:46:20	13.84	45.32	29.34			6.5	2.75	
885	4/29/2012 18:01:20	13.62	45.63	29.56			6.3	2.81	
886	4/29/2012 18:16:20	13.70	45.51	29.47			5.7	2.87	
887	4/29/2012 18:31:19	13.56	45.69	29.60			5.4	2.92	
888	4/29/2012 18:46:20	13.42	46.12	29.90			5.2	2.96	
889	4/29/2012 19:01:20	13.37	46.12	29.90			5.0	3.00	
890	4/29/2012 19:16:20	13.27	46.33	30.05			4.7	3.04	
891	4/29/2012 19:31:20	13.27	46.36	30.08			4.3	3.06	
892	4/29/2012 19:46:20	13.30	46.35	30.07			4.2	3.07	
893	4/29/2012 20:01:20	13.34	46.32	30.04			5.0	3.06	
894	4/29/2012 20:16:20	13.31	46.30	30.03			6.0	3.06	
895	4/29/2012 20:31:20	13.53	45.98	29.81			7.1	3.03	
896	4/29/2012 20:46:20	13.72	45.52	29.48			9.0	2.99	
897	4/29/2012 21:01:20	13.81	45.41	29.40			9.3	2.95	
898	4/29/2012 21:16:20	13.58	45.81	29.69			8.6	2.89	
899	4/29/2012 21:31:20	13.66	45.61	29.55			9.7	2.83	
900	4/29/2012 21:46:20	13.68	45.59	29.53			9.6	2.78	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	4/29/2012 22:01:20	14.08	44.96	29.09			11.1	2.72	
902	4/29/2012 22:16:20	14.18	44.86	29.02			12.3	2.65	
903	4/29/2012 22:31:20	14.23	44.71	28.91			11.9	2.60	
904	4/29/2012 22:46:20	14.27	44.51	28.77			12.0	2.54	
905	4/29/2012 23:01:19	14.26	44.49	28.75			11.4	2.48	
906	4/29/2012 23:16:20	14.20	44.62	28.85			11.3	2.43	
907	4/29/2012 23:31:20	14.34	44.11	28.48			11.4	2.37	
908	4/29/2012 23:46:20	14.40	43.95	28.37			11.4	2.34	
909	4/30/2012 0:01:20	14.33	44.13	28.50			10.6	2.28	
910	4/30/2012 0:16:20	14.47	43.89	28.33			11.5	2.24	
911	4/30/2012 0:31:20	14.49	43.77	28.24			10.2	2.23	
912	4/30/2012 0:46:20	14.58	43.67	28.17			8.9	2.21	
913	4/30/2012 1:01:20	14.59	43.62	28.14			9.3	2.20	
914	4/30/2012 1:16:20	14.75	43.48	28.04			8.6	2.19	
915	4/30/2012 1:31:20	14.77	43.42	28.00			9.8	2.21	
916	4/30/2012 1:46:20	14.78	43.31	27.92			9.5	2.22	
917	4/30/2012 2:01:20	14.34	44.03	28.43			9.5	2.23	
918	4/30/2012 2:16:20	14.46	43.89	28.33			9.5	2.27	
919	4/30/2012 2:31:20	14.36	43.97	28.38			9.4	2.32	
920	4/30/2012 2:46:19	14.34	44.02	28.42			8.7	2.36	
921	4/30/2012 3:01:20	14.63	43.39	27.98			9.3	2.38	
922	4/30/2012 3:16:20	14.33	44.07	28.45			8.4	2.44	
923	4/30/2012 3:31:20	14.20	44.35	28.66			8.2	2.48	
924	4/30/2012 3:46:20	14.10	44.54	28.79			8.1	2.52	
925	4/30/2012 4:01:20	13.90	44.89	29.03			7.2	2.57	
926	4/30/2012 4:16:19	13.95	44.80	28.97			7.2	2.62	
927	4/30/2012 4:31:20	13.89	45.08	29.17			7.3	2.67	
928	4/30/2012 4:46:20	13.81	45.20	29.25			7.4	2.72	
929	4/30/2012 5:01:20	13.52	45.78	29.66			6.7	2.77	
930	4/30/2012 5:16:20	13.44	46.03	29.84			6.2	2.82	
931	4/30/2012 5:31:20	13.26	46.39	30.10			6.1	2.87	
932	4/30/2012 5:46:20	13.18	46.48	30.16			5.9	2.90	
933	4/30/2012 6:01:20	13.18	46.52	30.19			6.0	2.94	
934	4/30/2012 6:16:20	13.15	46.60	30.24			5.9	2.98	
935	4/30/2012 6:31:20	13.20	46.40	30.10			5.1	3.00	
936	4/30/2012 6:46:20	13.18	46.60	30.24			4.9	3.03	
937	4/30/2012 7:01:20	13.25	46.44	30.13			4.9	3.02	
938	4/30/2012 7:16:20	13.19	46.48	30.15			5.0	3.02	
939	4/30/2012 7:31:20	13.29	46.34	30.06			5.5	3.01	
940	4/30/2012 7:46:20	13.32	46.24	29.98			6.8	2.96	
941	4/30/2012 8:01:20	13.63	45.22	29.26			7.9	2.92	
942	4/30/2012 8:16:20	13.66	45.19	29.24			6.6	2.89	
943	4/30/2012 8:31:20	13.61	45.52	29.48			6.3	2.82	
944	4/30/2012 8:46:20	13.80	45.08	29.17			6.8	2.75	
945	4/30/2012 9:01:20	13.82	45.20	29.25			6.5	2.69	
946	4/30/2012 9:16:20	13.92	45.00	29.12			6.5	2.62	
947	4/30/2012 9:31:20	14.06	44.71	28.91			8.0	2.55	
948	4/30/2012 9:46:20	14.25	44.31	28.63			8.4	2.47	
949	4/30/2012 10:01:20	14.41	44.17	28.53			7.8	2.39	
950	4/30/2012 10:16:20	14.45	44.46	28.74			7.2	2.31	
951	4/30/2012 10:31:20	14.62	44.14	28.51			6.6	2.24	
952	4/30/2012 10:46:20	14.77	44.01	28.42			6.9	2.14	
953	4/30/2012 11:01:19	14.96	43.76	28.25			7.0	2.06	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	4/30/2012 11:16:20	15.10	43.65	28.17			7.0	1.98	
955	4/30/2012 11:31:19	15.26	43.39	27.99			7.0	1.92	
956	4/30/2012 11:46:20	15.35	43.35	27.96			7.3	1.83	
957	4/30/2012 12:01:19	15.47	43.24	27.88			7.4	1.76	
958	4/30/2012 12:16:20	15.51	43.11	27.79			7.8	1.72	
959	4/30/2012 12:31:20	15.61	42.97	27.69			7.9	1.65	
960	4/30/2012 12:46:20	15.50	43.25	27.89			6.2	1.63	
961	4/30/2012 13:01:20	15.34	43.22	27.87			6.3	1.60	
962	4/30/2012 13:16:20	15.36	43.24	27.88			8.0	1.60	
963	4/30/2012 13:31:20	15.46	42.99	27.71			7.9	1.62	
964	4/30/2012 13:46:19	15.60	42.80	27.57			8.4	1.61	
965	4/30/2012 14:01:19	15.45	43.04	27.74			7.2	1.65	
966	4/30/2012 14:16:19	15.41	43.07	27.76			7.1	1.68	
967	4/30/2012 14:31:19	15.21	43.15	27.81			6.8	1.72	
968	4/30/2012 14:46:19	14.95	43.34	27.95			5.6	1.77	
969	4/30/2012 15:01:20	14.72	43.60	28.13			5.3	1.82	
970	4/30/2012 15:16:20	14.80	43.52	28.07			5.6	1.88	
971	4/30/2012 15:31:20	14.87	43.42	28.00			6.2	1.94	
972	4/30/2012 15:46:19	14.77	43.34	27.94			6.2	2.02	
973	4/30/2012 16:01:20	14.58	43.69	28.19			6.4	2.08	
974	4/30/2012 16:16:20	14.35	44.18	28.53			6.3	2.15	
975	4/30/2012 16:31:19	14.30	44.18	28.54			6.3	2.23	
976	4/30/2012 16:46:20	14.19	44.59	28.82			6.1	2.31	
977	4/30/2012 17:01:20	14.17	44.60	28.83			6.2	2.38	
978	4/30/2012 17:16:19	14.26	44.46	28.73			7.8	2.46	
979	4/30/2012 17:31:19	14.34	44.54	28.79			7.0	2.54	
980	4/30/2012 17:46:20	14.20	44.86	29.02			7.1	2.62	
981	4/30/2012 18:01:20	13.90	45.28	29.32			6.8	2.68	
982	4/30/2012 18:16:20	13.68	45.55	29.50			6.2	2.76	
983	4/30/2012 18:31:20	13.31	46.08	29.87			5.8	2.83	
984	4/30/2012 18:46:20	13.00	46.63	30.26			6.2	2.90	
985	4/30/2012 19:01:20	12.94	46.58	30.22			6.5	2.96	
986	4/30/2012 19:16:19	12.88	46.79	30.37			6.4	3.02	
987	4/30/2012 19:31:20	12.86	46.84	30.40			6.2	3.08	
988	4/30/2012 19:46:20	12.81	46.92	30.46			6.1	3.11	
989	4/30/2012 20:01:20	12.76	47.02	30.53			6.5	3.15	
990	4/30/2012 20:16:20	12.70	47.15	30.62			6.1	3.18	
991	4/30/2012 20:31:20	12.75	47.06	30.56			4.5	3.19	
992	4/30/2012 20:46:20	12.75	47.21	30.67			5.4	3.18	
993	4/30/2012 21:01:20	12.93	46.82	30.39			8.1	3.17	
994	4/30/2012 21:16:20	13.00	46.61	30.24			10.0	3.15	
995	4/30/2012 21:31:20	12.84	46.87	30.43			10.8	3.09	
996	4/30/2012 21:46:20	13.02	46.50	30.16			12.2	3.04	
997	4/30/2012 22:01:19	12.88	46.70	30.30			12.5	2.97	
998	4/30/2012 22:16:20	13.14	46.34	30.05			12.9	2.92	
999	4/30/2012 22:31:20	13.26	46.20	29.95			14.4	2.84	
1000	4/30/2012 22:46:20	13.30	46.01	29.82			16.1	2.75	
1001	4/30/2012 23:01:20	13.30	45.97	29.79			17.2	2.68	
1002	4/30/2012 23:16:20	13.57	45.35	29.36			18.6	2.62	
1003	4/30/2012 23:31:20	13.85	44.56	28.79			21.3	2.54	
1004	4/30/2012 23:46:20	13.94	44.25	28.58			20.5	2.46	
1005	5/1/2012 0:01:20	13.58	44.85	29.00			16.1	2.39	
1006	5/1/2012 0:16:20	13.92	44.21	28.55			17.0	2.32	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1007	5/1/2012 0:31:20	14.02	44.05	28.43			17.5	2.24	
1008	5/1/2012 0:46:20	14.22	43.89	28.33			15.4	2.18	
1009	5/1/2012 1:01:20	14.15	43.96	28.37			15.3	2.12	
1010	5/1/2012 1:16:19	14.24	43.93	28.35			14.1	2.06	
1011	5/1/2012 1:31:20	14.34	43.77	28.24			12.1	2.02	
1012	5/1/2012 1:46:19	14.36	43.54	28.08			11.3	1.99	
1013	5/1/2012 2:01:20	14.34	43.43	28.00			9.0	1.96	
1014	5/1/2012 2:16:20	14.33	43.64	28.15			11.0	1.96	
1015	5/1/2012 2:31:20	14.30	43.80	28.27			12.3	1.97	
1016	5/1/2012 2:46:20	14.46	43.56	28.10			10.5	1.99	
1017	5/1/2012 3:01:20	14.38	43.59	28.12			11.1	2.02	
1018	5/1/2012 3:16:20	14.31	43.74	28.22			11.8	2.05	
1019	5/1/2012 3:31:20	14.26	43.75	28.22			12.5	2.10	
1020	5/1/2012 3:46:19	14.27	43.58	28.11			10.6	2.16	
1021	5/1/2012 4:01:20	14.33	43.39	27.97			12.5	2.22	
1022	5/1/2012 4:16:20	14.29	43.32	27.92			11.7	2.27	
1023	5/1/2012 4:31:20	14.14	43.84	28.29			11.2	2.33	
1024	5/1/2012 4:46:20	13.85	44.61	28.84			10.5	2.38	
1025	5/1/2012 5:01:20	13.70	45.06	29.15			10.2	2.45	
1026	5/1/2012 5:16:20	13.64	45.23	29.27			9.6	2.49	
1027	5/1/2012 5:31:20	13.51	45.48	29.45			9.2	2.55	
1028	5/1/2012 5:46:20	13.37	45.82	29.69			9.0	2.60	
1029	5/1/2012 6:01:20	13.25	46.00	29.81			8.3	2.67	
1030	5/1/2012 6:16:20	13.20	46.09	29.87			8.4	2.71	
1031	5/1/2012 6:31:20	13.15	46.12	29.90			8.0	2.77	
1032	5/1/2012 6:46:20	13.04	46.51	30.17			7.8	2.82	
1033	5/1/2012 7:01:20	12.90	46.72	30.32			7.3	2.87	
1034	5/1/2012 7:16:20	12.82	46.73	30.32			7.3	2.91	
1035	5/1/2012 7:31:20	12.72	46.91	30.45			7.0	2.95	
1036	5/1/2012 7:46:20	12.71	46.86	30.41			6.7	2.99	
1037	5/1/2012 8:01:20	12.63	47.08	30.57			6.7	3.01	
1038	5/1/2012 8:16:20	12.70	46.61	30.24			6.8	3.03	
1039	5/1/2012 8:31:20	12.71	47.02	30.53			5.5	3.03	
1040	5/1/2012 8:46:20	12.73	46.86	30.42			6.7	3.02	
1041	5/1/2012 9:01:20	12.83	46.32	30.03			8.0	3.01	
1042	5/1/2012 9:16:20	13.04	45.87	29.71			9.0	2.96	
1043	5/1/2012 9:31:20	13.22	45.80	29.67			10.1	2.90	
1044	5/1/2012 9:46:20	13.32	45.83	29.69			10.6	2.84	
1045	5/1/2012 10:01:20	13.33	45.89	29.74			9.5	2.78	
1046	5/1/2012 10:16:19	13.48	45.75	29.64			11.1	2.69	
1047	5/1/2012 10:31:20	13.53	45.85	29.71			10.6	2.61	
1048	5/1/2012 10:46:20	13.65	45.39	29.38			10.6	2.54	
1049	5/1/2012 11:01:20	13.75	45.20	29.25			11.3	2.47	
1050	5/1/2012 11:16:20	13.84	45.03	29.13			11.0	2.37	
1051	5/1/2012 11:31:20	13.97	44.53	28.77			13.0	2.28	
1052	5/1/2012 11:46:20	14.10	44.34	28.64			14.4	2.20	
1053	5/1/2012 12:01:20	14.27	44.07	28.45			16.0	2.10	
1054	5/1/2012 12:16:20	14.38	43.96	28.38			17.4	2.02	
1055	5/1/2012 12:31:20	14.50	43.94	28.36			18.4	1.92	
1056	5/1/2012 12:46:20	14.54	43.82	28.28			18.4	1.86	
1057	5/1/2012 13:01:20	14.58	43.90	28.34			19.4	1.77	
1058	5/1/2012 13:16:20	14.62	43.77	28.25			19.4	1.71	
1059	5/1/2012 13:31:20	14.62	43.67	28.18			16.2	1.67	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	5/1/2012 13:46:20	14.73	43.64	28.16			14.1	1.63	
1061	5/1/2012 14:01:20	14.21	43.92	28.35			12.1	1.62	
1062	5/1/2012 14:16:20	14.60	43.50	28.05			14.4	1.59	
1063	5/1/2012 14:31:20	14.60	43.70	28.20			15.7	1.62	
1064	5/1/2012 14:46:20	14.60	43.68	28.18			14.1	1.64	
1065	5/1/2012 15:01:20	14.61	43.64	28.15			13.7	1.67	
1066	5/1/2012 15:16:20	14.45	43.69	28.19			12.5	1.72	
1067	5/1/2012 15:31:20	14.40	43.67	28.17			12.8	1.76	
1068	5/1/2012 15:46:20	14.47	43.71	28.21			11.9	1.83	
1069	5/1/2012 16:01:20	14.65	43.67	28.17			11.5	1.89	
1070	5/1/2012 16:16:20	14.75	43.45	28.02			12.5	1.95	
1071	5/1/2012 16:31:20	14.53	43.58	28.11			11.7	2.02	
1072	5/1/2012 16:46:20	14.29	43.83	28.29			9.6	2.10	
1073	5/1/2012 17:01:20	13.91	44.64	28.85			10.0	2.17	
1074	5/1/2012 17:16:20	13.85	44.97	29.09			9.5	2.25	
1075	5/1/2012 17:31:20	13.71	45.26	29.30			9.7	2.33	
1076	5/1/2012 17:46:20	13.50	45.70	29.61			11.0	2.41	
1077	5/1/2012 18:01:20	13.57	45.59	29.52			10.4	2.50	
1078	5/1/2012 18:16:20	13.56	45.56	29.50			11.2	2.59	
1079	5/1/2012 18:31:20	13.68	45.31	29.33			11.4	2.66	
1080	5/1/2012 18:46:20	13.51	45.64	29.56			8.9	2.74	
1081	5/1/2012 19:01:20	13.34	45.94	29.77			8.9	2.82	
1082	5/1/2012 19:16:20	12.87	46.72	30.32			9.2	2.90	
1083	5/1/2012 19:31:20	12.71	46.99	30.51			12.5	2.97	
1084	5/1/2012 19:46:20	12.64	47.21	30.66			12.1	3.04	
1085	5/1/2012 20:01:20	12.49	47.52	30.88			13.3	3.12	
1086	5/1/2012 20:16:20	12.33	47.87	31.13			11.6	3.19	
1087	5/1/2012 20:31:20	12.29	48.09	31.28			9.6	3.24	
1088	5/1/2012 20:46:20	12.28	48.16	31.33			9.5	3.30	
1089	5/1/2012 21:01:20	12.28	48.19	31.36			8.9	3.34	
1090	5/1/2012 21:16:20	12.25	48.20	31.37			7.1	3.35	
1091	5/1/2012 21:31:20	12.26	48.12	31.31			7.6	3.35	
1092	5/1/2012 21:46:20	12.25	48.18	31.35			8.4	3.34	
1093	5/1/2012 22:01:20	12.38	47.38	30.77			13.7	3.31	
1094	5/1/2012 22:16:20	12.31	47.50	30.86			10.6	3.24	
1095	5/1/2012 22:31:20	12.32	47.53	30.88			12.2	3.15	
1096	5/1/2012 22:46:20	12.46	47.38	30.78			11.9	3.07	
1097	5/1/2012 23:01:20	12.68	46.91	30.44			11.8	3.01	
1098	5/1/2012 23:16:20	12.78	46.64	30.26			11.5	2.90	
1099	5/1/2012 23:31:20	12.76	46.52	30.17			11.5	2.80	
1100	5/1/2012 23:46:20	12.86	46.30	30.01			10.6	2.70	
1101	5/2/2012 0:01:20	12.96	45.97	29.78			11.5	2.63	
1102	5/2/2012 0:16:20	13.16	45.39	29.37			12.4	2.52	
1103	5/2/2012 0:31:20	13.35	44.92	29.04			12.3	2.43	
1104	5/2/2012 0:46:20	13.33	44.97	29.08			12.3	2.35	
1105	5/2/2012 1:01:20	13.26	44.91	29.03			13.5	2.23	
1106	5/2/2012 1:16:20	13.55	44.41	28.68			16.2	2.14	
1107	5/2/2012 1:31:20	13.36	44.62	28.83			15.1	2.04	
1108	5/2/2012 1:46:20	13.53	44.14	28.49			14.1	1.96	
1109	5/2/2012 2:01:20	13.64	44.03	28.41			12.9	1.89	
1110	5/2/2012 2:16:20	13.71	43.91	28.33			12.6	1.80	
1111	5/2/2012 2:31:20	13.76	43.84	28.28			12.3	1.76	
1112	5/2/2012 2:46:20	13.83	43.72	28.19			11.4	1.73	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1113	5/2/2012 3:01:20	13.70	43.64	28.13			13.1	1.70	
1114	5/2/2012 3:16:19	13.59	43.80	28.25			12.2	1.70	
1115	5/2/2012 3:31:19	13.61	43.88	28.30			12.4	1.71	
1116	5/2/2012 3:46:20	13.61	44.05	28.42			11.8	1.74	
1117	5/2/2012 4:01:20	13.58	44.04	28.41			11.9	1.79	
1118	5/2/2012 4:16:20	13.60	43.90	28.32			11.9	1.84	
1119	5/2/2012 4:31:20	13.59	43.87	28.30			11.8	1.90	
1120	5/2/2012 4:46:20	13.58	43.82	28.26			11.2	1.96	
1121	5/2/2012 5:01:20	13.59	43.79	28.24			11.9	2.03	
1122	5/2/2012 5:16:20	13.62	43.94	28.35			11.2	2.08	
1123	5/2/2012 5:31:20	13.52	43.92	28.33			11.7	2.17	
1124	5/2/2012 5:46:20	13.44	44.53	28.77			11.1	2.23	
1125	5/2/2012 6:01:20	13.34	44.65	28.85			10.2	2.30	
1126	5/2/2012 6:16:20	13.19	45.14	29.20			9.6	2.37	
1127	5/2/2012 6:31:20	13.08	45.74	29.62			9.7	2.44	
1128	5/2/2012 6:46:20	13.03	46.08	29.86			9.1	2.52	
1129	5/2/2012 7:01:20	12.97	46.32	30.03			9.7	2.58	
1130	5/2/2012 7:16:20	12.86	46.35	30.05			8.9	2.64	
1131	5/2/2012 7:31:20	12.72	46.71	30.30			8.4	2.72	
1132	5/2/2012 7:46:20	12.62	46.93	30.46			9.1	2.78	
1133	5/2/2012 8:01:20	12.47	47.20	30.65			10.1	2.84	
1134	5/2/2012 8:16:20	12.41	47.30	30.72			8.8	2.90	
1135	5/2/2012 8:31:20	12.31	47.49	30.85			9.0	2.96	
1136	5/2/2012 8:46:20	12.18	47.70	31.00			8.9	3.01	
1137	5/2/2012 9:01:20	12.11	47.83	31.09			9.2	3.04	
1138	5/2/2012 9:16:20	12.04	47.91	31.15			8.4	3.07	
1139	5/2/2012 9:31:20	12.28	47.57	30.91			6.4	3.11	
1140	5/2/2012 9:46:20	12.06	47.88	31.12			6.2	3.11	
1141	5/2/2012 10:01:20	11.95	48.02	31.22			7.9	3.09	
1142	5/2/2012 10:16:20	12.06	47.91	31.14			9.0	3.05	
1143	5/2/2012 10:31:20	12.59	47.18	30.64			8.2	3.00	
1144	5/2/2012 10:46:20	12.65	47.11	30.59			9.4	2.94	
1145	5/2/2012 11:01:20	13.12	46.61	30.24			8.8	2.85	
1146	5/2/2012 11:16:20	12.89	46.40	30.09			10.4	2.75	
1147	5/2/2012 11:31:20	13.10	46.17	29.93			9.5	2.69	
1148	5/2/2012 11:46:20	13.34	45.93	29.77			7.8	2.60	
1149	5/2/2012 12:01:20	13.59	45.83	29.70			8.3	2.51	
1150	5/2/2012 12:16:20	13.59	45.71	29.61			8.0	2.42	
1151	5/2/2012 12:31:20	13.65	45.24	29.28			9.2	2.34	
1152	5/2/2012 12:46:20	13.76	44.79	28.95			8.9	2.25	
1153	5/2/2012 13:01:20	13.89	44.86	29.01			8.2	2.17	
1154	5/2/2012 13:16:20	13.95	44.97	29.09			7.9	2.07	
1155	5/2/2012 13:31:20	13.94	44.55	28.79			8.4	1.98	
1156	5/2/2012 13:46:20	13.95	44.42	28.70			8.3	1.89	
1157	5/2/2012 14:01:20	13.98	44.38	28.67			8.4	1.82	
1158	5/2/2012 14:16:20	14.01	44.30	28.62			8.7	1.75	
1159	5/2/2012 14:31:20	14.04	44.25	28.58			8.1	1.70	
1160	5/2/2012 14:46:20	14.02	44.17	28.52			7.6	1.67	
1161	5/2/2012 15:01:20	14.04	44.25	28.58			6.8	1.64	
1162	5/2/2012 15:16:20	13.91	44.37	28.66			7.0	1.64	
1163	5/2/2012 15:31:20	13.86	44.44	28.71			7.3	1.65	
1164	5/2/2012 15:46:20	14.17	44.33	28.64			7.2	1.68	
1165	5/2/2012 16:01:20	14.05	44.28	28.60			7.6	1.74	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	5/2/2012 16:16:20	13.99	44.42	28.70			7.6	1.79	
1167	5/2/2012 16:31:20	14.05	44.17	28.52			8.1	1.86	
1168	5/2/2012 16:46:20	14.08	43.64	28.14			8.6	1.93	
1169	5/2/2012 17:01:20	13.95	44.05	28.43			7.5	2.01	
1170	5/2/2012 17:16:20	13.85	44.19	28.53			7.1	2.09	
1171	5/2/2012 17:31:20	13.72	44.51	28.76			8.4	2.17	
1172	5/2/2012 17:46:20	13.69	44.62	28.83			7.8	2.25	
1173	5/2/2012 18:01:20	13.59	44.88	29.01			7.5	2.34	
1174	5/2/2012 18:16:20	13.30	45.69	29.59			7.8	2.43	
1175	5/2/2012 18:31:20	13.21	45.88	29.73			8.1	2.51	
1176	5/2/2012 18:46:20	13.01	46.42	30.11			8.3	2.60	
1177	5/2/2012 19:01:20	12.71	46.94	30.47			10.5	2.68	
1178	5/2/2012 19:16:20	12.62	46.90	30.44			9.9	2.77	
1179	5/2/2012 19:31:20	12.40	47.42	30.80			13.0	2.86	
1180	5/2/2012 19:46:20	12.30	47.59	30.92			12.9	2.95	
1181	5/2/2012 20:01:20	12.17	47.80	31.07			15.5	3.04	
1182	5/2/2012 20:16:20	11.84	48.34	31.45			18.8	3.14	
1183	5/2/2012 20:31:20	11.47	48.99	31.90			19.5	3.23	
1184	5/2/2012 20:46:20	11.29	49.23	32.06			17.6	3.30	
1185	5/2/2012 21:01:20	11.13	49.57	32.30			14.0	3.38	
1186	5/2/2012 21:16:20	11.04	49.63	32.33			11.4	3.46	
1187	5/2/2012 21:31:20	10.93	49.87	32.50			9.9	3.50	
1188	5/2/2012 21:46:20	10.86	50.03	32.62			9.8	3.53	
1189	5/2/2012 22:01:20	10.98	49.87	32.51			6.2	3.56	
1190	5/2/2012 22:16:20	10.80	50.05	32.62			8.5	3.54	
1191	5/2/2012 22:31:20	10.85	49.97	32.57			8.9	3.51	
1192	5/2/2012 22:46:20	11.51	48.79	31.76			8.7	3.46	
1193	5/2/2012 23:01:20	11.58	48.56	31.59			9.9	3.38	
1194	5/2/2012 23:16:20	12.03	47.90	31.14			9.4	3.30	
1195	5/2/2012 23:31:20	12.09	47.70	30.99			9.1	3.19	
1196	5/2/2012 23:46:20	12.23	47.23	30.66			11.1	3.07	
1197	5/3/2012 0:01:20	12.29	47.00	30.50			11.3	2.97	
1198	5/3/2012 0:16:20	12.42	46.74	30.32			10.9	2.86	
1199	5/3/2012 0:31:20	12.54	46.58	30.20			9.6	2.75	
1200	5/3/2012 0:46:20	12.58	46.48	30.14			8.8	2.65	
1201	5/3/2012 1:01:20	12.60	46.43	30.10			8.7	2.51	
1202	5/3/2012 1:16:20	12.77	45.95	29.76			8.9	2.42	
1203	5/3/2012 1:31:20	12.94	45.59	29.50			10.2	2.32	
1204	5/3/2012 1:46:20	13.09	45.11	29.17			9.6	2.18	
1205	5/3/2012 2:01:20	13.04	45.34	29.33			10.3	2.06	
1206	5/3/2012 2:16:20	13.10	45.15	29.19			9.9	1.95	
1207	5/3/2012 2:31:20	13.16	44.98	29.08			10.4	1.84	
1208	5/3/2012 2:46:20	13.32	44.73	28.90			11.5	1.70	
1209	5/3/2012 3:01:20	13.45	44.36	28.64			12.2	1.64	
1210	5/3/2012 3:16:20	13.50	44.17	28.51			12.7	1.55	
1211	5/3/2012 3:31:20	13.54	44.11	28.47			12.2	1.48	
1212	5/3/2012 3:46:20	13.56	43.96	28.36			11.6	1.46	
1213	5/3/2012 4:01:20	13.52	44.06	28.43			11.9	1.43	
1214	5/3/2012 4:16:20	13.46	44.32	28.61			10.9	1.43	
1215	5/3/2012 4:31:20	13.43	44.36	28.64			10.9	1.46	
1216	5/3/2012 4:46:20	13.38	44.46	28.71			10.9	1.49	
1217	5/3/2012 5:01:20	13.34	44.41	28.67			10.4	1.56	
1218	5/3/2012 5:16:20	13.27	44.24	28.55			10.3	1.62	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1219	5/3/2012 5:31:20	13.29	44.10	28.45			10.0	1.70	
1220	5/3/2012 5:46:20	13.30	44.47	28.71			9.2	1.79	
1221	5/3/2012 6:01:20	13.27	44.58	28.80			9.3	1.86	
1222	5/3/2012 6:16:20	13.17	44.79	28.94			11.2	1.95	
1223	5/3/2012 6:31:20	13.04	45.12	29.18			9.8	2.04	
1224	5/3/2012 6:46:20	12.97	45.35	29.33			9.2	2.12	
1225	5/3/2012 7:01:20	12.88	45.80	29.66			9.6	2.20	
1226	5/3/2012 7:16:20	12.83	45.91	29.73			10.2	2.30	
1227	5/3/2012 7:31:20	12.76	46.20	29.94			10.1	2.38	
1228	5/3/2012 7:46:20	12.71	46.42	30.09			9.9	2.47	
1229	5/3/2012 8:01:20	12.58	46.67	30.27			11.7	2.56	
1230	5/3/2012 8:16:20	12.46	46.87	30.41			11.6	2.63	
1231	5/3/2012 8:31:20	12.28	47.05	30.53			13.6	2.72	
1232	5/3/2012 8:46:20	12.16	47.19	30.63			12.6	2.80	
1233	5/3/2012 9:01:20	12.00	47.46	30.82			13.5	2.88	
1234	5/3/2012 9:16:20	11.88	47.68	30.97			12.8	2.95	
1235	5/3/2012 9:31:20	11.73	48.02	31.21			12.9	3.02	
1236	5/3/2012 9:46:20	11.47	48.46	31.51			13.2	3.10	
1237	5/3/2012 10:01:20	11.25	48.85	31.78			11.8	3.16	
1238	5/3/2012 10:16:20	11.10	49.12	31.97			10.4	3.20	
1239	5/3/2012 10:31:20	11.04	49.12	31.97			10.0	3.25	
1240	5/3/2012 10:46:20	11.00	49.28	32.09			6.8	3.26	
1241	5/3/2012 11:01:20	11.08	49.25	32.07			9.3	3.25	
1242	5/3/2012 11:16:20	11.04	49.26	32.07			10.6	3.22	
1243	5/3/2012 11:31:20	11.35	48.70	31.68			9.8	3.18	
1244	5/3/2012 11:46:20	12.19	47.49	30.85			9.5	3.10	
1245	5/3/2012 12:01:20	11.67	48.14	31.30			12.5	3.02	
1246	5/3/2012 12:16:20	12.07	47.57	30.90			14.5	2.92	
1247	5/3/2012 12:31:20	12.15	47.34	30.73			13.3	2.83	
1248	5/3/2012 12:46:20	12.47	46.91	30.44			12.3	2.74	
1249	5/3/2012 13:01:20	12.69	46.69	30.29			10.9	2.65	
1250	5/3/2012 13:16:20	12.98	46.45	30.13			11.2	2.56	
1251	5/3/2012 13:31:20	13.21	46.42	30.11			10.3	2.45	
1252	5/3/2012 13:46:20	13.29	46.33	30.05			12.3	2.37	
1253	5/3/2012 14:01:20	13.48	45.77	29.65			9.9	2.28	
1254	5/3/2012 14:16:20	13.68	45.58	29.52			9.5	2.18	
1255	5/3/2012 14:31:20	13.79	45.32	29.34			9.0	2.09	
1256	5/3/2012 14:46:20	13.95	45.31	29.34			8.9	2.01	
1257	5/3/2012 15:01:20	14.08	45.09	29.18			8.8	1.93	
1258	5/3/2012 15:16:20	14.28	45.05	29.16			8.9	1.86	
1259	5/3/2012 15:31:20	14.38	45.18	29.25			8.9	1.80	
1260	5/3/2012 15:46:20	14.36	45.15	29.23			8.0	1.76	
1261	5/3/2012 16:01:20	14.30	45.12	29.21			8.5	1.75	
1262	5/3/2012 16:16:20	13.67	45.21	29.26			8.1	1.75	
1263	5/3/2012 16:31:20	13.64	45.24	29.28			8.1	1.77	
1264	5/3/2012 16:46:20	13.92	45.00	29.11			8.4	1.81	
1265	5/3/2012 17:01:20	13.85	45.12	29.20			8.4	1.89	
1266	5/3/2012 17:16:20	13.73	45.26	29.30			8.4	1.96	
1267	5/3/2012 17:31:20	13.82	44.99	29.10			8.9	2.05	
1268	5/3/2012 17:46:20	13.74	45.22	29.27			8.3	2.14	
1269	5/3/2012 18:01:20	13.68	45.38	29.38			9.3	2.23	
1270	5/3/2012 18:16:20	13.55	45.60	29.53			9.3	2.32	
1271	5/3/2012 18:31:20	13.33	45.99	29.80			9.2	2.41	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1272	5/3/2012 18:46:20	13.20	46.19	29.94			9.5	2.50	
1273	5/3/2012 19:01:20	13.09	46.33	30.04			9.8	2.59	
1274	5/3/2012 19:16:20	12.90	46.52	30.17			10.3	2.68	
1275	5/3/2012 19:31:20	12.77	46.77	30.35			10.5	2.77	
1276	5/3/2012 19:46:20	12.61	47.12	30.60			13.4	2.87	
1277	5/3/2012 20:01:20	12.30	47.46	30.83			15.3	2.96	
1278	5/3/2012 20:16:20	12.12	47.83	31.09			15.0	3.06	
1279	5/3/2012 20:31:20	11.95	48.10	31.28			17.0	3.17	
1280	5/3/2012 20:46:20	11.77	48.40	31.48			16.7	3.27	
1281	5/3/2012 21:01:20	11.20	49.33	32.13			17.9	3.37	
1282	5/3/2012 21:16:20	10.88	49.70	32.38			17.3	3.47	
1283	5/3/2012 21:31:20	10.78	50.06	32.64			15.3	3.55	
1284	5/3/2012 21:46:20	10.72	50.09	32.65			11.1	3.63	
1285	5/3/2012 22:01:20	10.64	50.20	32.73			9.7	3.70	
1286	5/3/2012 22:16:20	10.61	50.30	32.80			8.7	3.74	
1287	5/3/2012 22:31:20	10.58	50.39	32.86			8.1	3.78	
1288	5/3/2012 22:46:20	10.76	50.10	32.66			7.0	3.79	
1289	5/3/2012 23:01:20	10.65	50.31	32.81			8.2	3.78	
1290	5/3/2012 23:16:20	10.57	50.28	32.78			8.5	3.73	
1291	5/3/2012 23:31:20	11.21	49.20	32.03			9.6	3.65	
1292	5/3/2012 23:46:20	11.38	49.00	31.90			8.4	3.57	
1293	5/4/2012 0:01:20	11.54	48.73	31.71			8.7	3.47	
1294	5/4/2012 0:16:20	11.75	48.38	31.47			9.9	3.35	
1295	5/4/2012 0:31:20	11.75	48.38	31.47			10.0	3.24	
1296	5/4/2012 0:46:20	11.88	48.12	31.29			11.4	3.11	
1297	5/4/2012 1:01:20	12.08	47.78	31.05			9.8	3.00	
1298	5/4/2012 1:16:20	12.13	47.69	30.99			9.5	2.86	
1299	5/4/2012 1:31:20	12.22	47.55	30.89			9.2	2.74	
1300	5/4/2012 1:46:20	12.42	47.10	30.57			9.4	2.60	
1301	5/4/2012 2:01:20	12.80	46.28	30.00			10.8	2.46	
1302	5/4/2012 2:16:20	12.62	46.62	30.24			10.1	2.32	
1303	5/4/2012 2:31:20	12.81	46.20	29.94			11.0	2.18	
1304	5/4/2012 2:46:20	12.76	46.23	29.96			13.3	2.03	
1305	5/4/2012 3:01:20	13.22	45.34	29.34			13.0	1.89	
1306	5/4/2012 3:16:20	13.26	45.13	29.19			13.5	1.75	
1307	5/4/2012 3:31:20	13.37	44.86	29.00			13.3	1.61	
1308	5/4/2012 3:46:20	13.41	44.70	28.89			13.0	1.48	
1309	5/4/2012 4:01:20	13.50	44.51	28.75			12.8	1.38	
1310	5/4/2012 4:16:20	13.52	44.41	28.68			14.6	1.29	
1311	5/4/2012 4:31:20	13.55	44.32	28.62			13.2	1.22	
1312	5/4/2012 4:46:20	13.53	44.24	28.56			12.5	1.17	
1313	5/4/2012 5:01:20	13.53	44.48	28.73			12.5	1.18	
1314	5/4/2012 5:16:20	13.45	44.64	28.85			13.3	1.22	
1315	5/4/2012 5:31:20	13.42	44.65	28.85			13.3	1.26	
1316	5/4/2012 5:46:20	13.33	44.69	28.87			14.2	1.34	
1317	5/4/2012 6:01:20	13.34	44.74	28.91			10.9	1.43	
1318	5/4/2012 6:16:20	13.35	44.43	28.69			11.1	1.52	
1319	5/4/2012 6:31:20	13.33	44.06	28.42			10.7	1.60	
1320	5/4/2012 6:46:20	13.34	44.19	28.51			9.9	1.70	
1321	5/4/2012 7:01:20	13.32	44.36	28.64			9.5	1.78	
1322	5/4/2012 7:16:20	13.31	44.40	28.67			9.5	1.87	
1323	5/4/2012 7:31:20	13.21	44.28	28.57			9.6	1.98	
1324	5/4/2012 7:46:20	13.03	45.18	29.21			10.4	2.07	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1325	5/4/2012 8:01:20	12.89	45.96	29.77			11.2	2.17	
1326	5/4/2012 8:16:20	12.87	46.04	29.83			10.3	2.28	
1327	5/4/2012 8:31:20	12.83	46.09	29.86			11.3	2.38	
1328	5/4/2012 8:46:20	12.77	46.36	30.06			12.1	2.48	
1329	5/4/2012 9:01:20	12.63	46.59	30.22			13.7	2.58	
1330	5/4/2012 9:16:20	12.54	46.84	30.39			15.4	2.67	
1331	5/4/2012 9:31:20	12.45	46.95	30.47			16.2	2.76	
1332	5/4/2012 9:46:20	12.34	47.12	30.59			16.3	2.85	
1333	5/4/2012 10:01:20	12.23	47.41	30.79			15.1	2.93	
1334	5/4/2012 10:16:20	11.91	47.87	31.11			16.6	3.01	
1335	5/4/2012 10:31:20	11.71	48.33	31.43			16.0	3.08	
1336	5/4/2012 10:46:20	11.61	48.62	31.63			14.7	3.15	
1337	5/4/2012 11:01:20	11.55	48.75	31.73			12.2	3.21	
1338	5/4/2012 11:16:20	11.53	48.81	31.77			10.5	3.25	
1339	5/4/2012 11:31:20	11.52	48.84	31.79			9.8	3.29	
1340	5/4/2012 11:45:00	12.90	47.22	30.68			7.9	0.95	
Mean		13.92	44.50	28.75	8.58	7.85	8.11	2.53	99.50
Minimum		10.57	39.15	24.96	7.45	7.67	3.30	0.95	88.00
Maximum		16.28	50.39	32.86	9.99	8.06	21.30	3.79	119.20

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

pH and dissolved oxygen probe malfunctioned during deployment

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
0	5/4/2012 12:01:33	11.51	47.85	31.08	8.86	7.93	10.3	3.35	98.9
1	5/4/2012 12:16:33	11.53	47.81	31.05	8.71	7.94	10.2	3.31	97.3
2	5/4/2012 12:31:32	11.96	47.25	30.67	8.91	7.97	12.6	3.25	100.2
3	5/4/2012 12:46:32	12.20	46.98	30.48	8.96	7.98	12.5	3.17	101.1
4	5/4/2012 13:01:32	12.71	46.87	30.42	9.12	8.00	11.9	3.08	104.0
5	5/4/2012 13:16:32	12.56	46.38	30.06	9.08	8.01	12.3	2.99	103.0
6	5/4/2012 13:31:32	12.66	46.21	29.95	9.13	8.02	11.7	2.89	103.6
7	5/4/2012 13:46:33	13.18	45.75	29.63	9.36	8.05	13.0	2.79	107.3
8	5/4/2012 14:01:33	13.43	45.58	29.51	9.54	8.07	10.8	2.70	109.8
9	5/4/2012 14:16:32	13.89	45.62	29.56	9.73	8.09	10.9	2.61	113.0
10	5/4/2012 14:31:33	14.10	44.84	29.01	9.89	8.11	11.8	2.51	115.0
11	5/4/2012 14:46:32	14.45	44.95	29.09	10.03	8.13	10.1	2.42	117.6
12	5/4/2012 15:01:32	14.40	44.48	28.75	10.17	8.15	10.8	2.32	118.8
13	5/4/2012 15:16:32	14.61	44.53	28.79	10.19	8.15	10.7	2.22	119.6
14	5/4/2012 15:31:32	14.63	44.33	28.65	10.19	8.16	11.0	2.13	119.6
15	5/4/2012 15:46:32	14.70	44.32	28.64	10.22	8.17	10.7	2.05	120.1
16	5/4/2012 16:01:32	14.99	44.48	28.76	10.18	8.18	10.9	1.97	120.4
17	5/4/2012 16:16:32	14.90	44.24	28.59	10.20	8.19	11.4	1.92	120.3
18	5/4/2012 16:31:32	14.82	44.11	28.50	10.17	8.19	10.6	1.88	119.7
19	5/4/2012 16:46:32	14.74	44.09	28.48	10.15	8.19	8.1	1.86	119.2
20	5/4/2012 17:01:32	14.88	44.30	28.63	10.21	8.19	9.7	1.87	120.4
21	5/4/2012 17:16:32	14.55	44.23	28.57	10.23	8.17	9.2	1.90	119.8
22	5/4/2012 17:31:32	14.57	44.19	28.55	10.25	8.18	9.2	1.95	120.0
23	5/4/2012 17:46:32	14.60	44.06	28.46	10.34	8.18	9.0	2.00	121.1
24	5/4/2012 18:01:32	14.52	44.01	28.42	10.28	8.18	8.9	2.09	120.2
25	5/4/2012 18:16:32	14.45	44.11	28.49	10.27	8.17	8.3	2.18	119.9
26	5/4/2012 18:31:33	14.44	44.03	28.43	10.23	8.17	8.3	2.26	119.4
27	5/4/2012 18:46:33	14.37	44.10	28.48	10.14	8.16	8.8	2.36	118.2
28	5/4/2012 19:01:32	14.04	44.60	28.83	9.80	8.12	10.6	2.45	113.7
29	5/4/2012 19:16:32	14.13	44.49	28.75	9.99	8.14	7.9	2.55	116.2
30	5/4/2012 19:31:32	13.68	45.12	29.20	9.49	8.08	8.3	2.64	109.6
31	5/4/2012 19:46:33	13.46	45.39	29.38	9.36	8.07	10.1	2.72	107.7
32	5/4/2012 20:01:33	13.19	45.78	29.65	9.31	8.06	10.6	2.82	106.7
33	5/4/2012 20:16:32	13.07	45.95	29.77	9.24	8.05	10.9	2.92	105.8
34	5/4/2012 20:31:33	12.93	46.18	29.93	9.21	8.04	12.3	3.02	105.2
35	5/4/2012 20:46:32	12.78	46.42	30.10	9.26	8.04	15.0	3.12	105.5
36	5/4/2012 21:01:33	12.51	46.74	30.32	9.17	8.03	16.8	3.22	104.1
37	5/4/2012 21:16:33	12.33	47.02	30.51	9.14	8.02	16.1	3.32	103.5
38	5/4/2012 21:31:33	12.12	47.36	30.75	9.11	8.01	17.2	3.43	102.8
39	5/4/2012 21:46:33	11.81	47.85	31.09	9.09	8.01	18.9	3.53	102.1
40	5/4/2012 22:01:33	11.62	48.18	31.32	9.12	8.01	18.3	3.64	102.2
41	5/4/2012 22:16:33	11.53	48.34	31.43	9.17	8.01	16.4	3.73	102.6
42	5/4/2012 22:31:33	11.43	48.48	31.53	9.17	8.02	13.1	3.80	102.5
43	5/4/2012 22:46:33	11.32	48.61	31.61	9.15	8.01	10.9	3.87	102.0
44	5/4/2012 23:01:33	11.24	48.66	31.65	9.11	8.01	8.2	3.93	101.5
45	5/4/2012 23:16:33	11.20	48.69	31.67	9.03	8.01	7.1	3.95	100.6
46	5/4/2012 23:31:33	11.51	48.26	31.37	8.94	8.01	7.3	3.95	100.0
47	5/4/2012 23:46:33	11.25	48.64	31.64	8.94	8.00	8.8	3.94	99.6
48	5/5/2012 0:01:33	11.23	48.66	31.64	8.94	8.00	9.0	3.89	99.6
49	5/5/2012 0:16:33	11.54	48.14	31.29	9.01	8.02	10.1	3.80	100.8
50	5/5/2012 0:31:33	11.59	48.00	31.19	9.05	8.02	9.4	3.71	101.3
51	5/5/2012 0:46:33	11.86	47.50	30.84	9.04	8.03	9.0	3.59	101.6
52	5/5/2012 1:01:33	12.06	47.16	30.60	8.99	8.03	11.8	3.46	101.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
53	5/5/2012 1:16:32	12.16	46.99	30.48	8.95	8.03	13.3	3.34	101.0
54	5/5/2012 1:31:33	12.48	46.39	30.06	9.02	8.05	14.2	3.21	102.1
55	5/5/2012 1:46:33	12.45	46.43	30.09	9.03	8.05	11.9	3.06	102.2
56	5/5/2012 2:01:33	12.57	46.21	29.94	8.99	8.05	12.4	2.93	101.9
57	5/5/2012 2:16:33	12.79	45.85	29.69	8.90	8.05	12.6	2.77	101.2
58	5/5/2012 2:31:33	12.62	46.04	29.82	8.84	8.04	11.7	2.63	100.2
59	5/5/2012 2:46:33	12.54	46.07	29.84	9.05	8.06	14.7	2.49	102.4
60	5/5/2012 3:01:33	12.80	45.56	29.48	9.02	8.08	15.3	2.32	102.5
61	5/5/2012 3:16:33	12.97	45.25	29.26	8.97	8.08	17.5	2.16	102.1
62	5/5/2012 3:31:33	13.04	45.11	29.16	8.94	8.09	17.5	2.00	101.8
63	5/5/2012 3:46:32	13.12	44.94	29.05	8.91	8.09	17.9	1.83	101.6
64	5/5/2012 4:01:32	13.49	44.45	28.71	8.91	8.11	19.5	1.65	102.2
65	5/5/2012 4:16:32	13.67	44.12	28.47	8.89	8.12	19.5	1.49	102.2
66	5/5/2012 4:31:33	13.76	43.90	28.32	8.87	8.12	20.6	1.33	102.0
67	5/5/2012 4:46:33	13.77	43.79	28.25	8.81	8.12	22.4	1.18	101.3
68	5/5/2012 5:01:33	13.76	43.72	28.19	8.75	8.12	22.9	1.06	100.5
69	5/5/2012 5:16:32	13.76	43.64	28.13	8.69	8.12	21.1	0.96	99.8
70	5/5/2012 5:31:33	13.65	43.78	28.23	8.62	8.11	17.9	0.95	98.9
71	5/5/2012 5:46:33	13.68	43.60	28.10	8.73	8.11	17.2	0.98	100.2
72	5/5/2012 6:01:33	13.69	43.65	28.14	8.77	8.11	15.7	1.05	100.6
73	5/5/2012 6:16:33	13.67	43.73	28.20	8.74	8.11	14.7	1.16	100.3
74	5/5/2012 6:31:33	13.67	43.75	28.21	8.79	8.11	13.4	1.24	100.8
75	5/5/2012 6:46:33	13.61	43.38	27.95	8.77	8.11	12.7	1.32	100.3
76	5/5/2012 7:01:32	13.61	43.19	27.81	8.72	8.10	13.0	1.38	99.7
77	5/5/2012 7:16:33	13.64	43.40	27.96	8.70	8.10	12.3	1.45	99.6
78	5/5/2012 7:31:33	13.64	43.44	27.99	8.68	8.10	12.2	1.53	99.4
79	5/5/2012 7:46:33	13.61	43.51	28.04	8.71	8.10	11.6	1.61	99.7
80	5/5/2012 8:01:32	13.58	43.46	28.00	8.73	8.10	11.1	1.71	99.9
81	5/5/2012 8:16:33	13.54	43.53	28.05	8.73	8.09	10.9	1.80	99.8
82	5/5/2012 8:31:32	13.44	43.84	28.27	8.81	8.09	10.7	1.92	100.6
83	5/5/2012 8:46:33	13.30	44.28	28.58	8.84	8.07	10.9	2.03	100.9
84	5/5/2012 9:01:33	13.19	44.78	28.93	8.82	8.07	10.7	2.15	100.7
85	5/5/2012 9:16:32	13.11	45.12	29.17	8.78	8.06	12.2	2.27	100.2
86	5/5/2012 9:31:32	13.09	45.14	29.19	8.82	8.06	13.6	2.39	100.6
87	5/5/2012 9:46:33	12.99	45.37	29.35	8.81	8.06	15.9	2.51	100.3
88	5/5/2012 10:01:32	12.91	45.49	29.44	8.85	8.05	16.9	2.62	100.7
89	5/5/2012 10:16:33	12.84	45.72	29.59	8.98	8.06	19.1	2.72	102.2
90	5/5/2012 10:31:33	12.68	45.79	29.64	9.06	8.06	17.8	2.81	102.8
91	5/5/2012 10:46:33	12.56	45.96	29.76	9.05	8.05	18.4	2.91	102.4
92	5/5/2012 11:01:33	12.42	46.34	30.03	9.04	8.05	19.1	2.99	102.2
93	5/5/2012 11:16:33	12.11	46.81	30.36	9.07	8.04	18.3	3.07	102.1
94	5/5/2012 11:31:33	11.93	47.25	30.67	9.08	8.04	16.0	3.14	102.0
95	5/5/2012 11:46:33	11.80	47.52	30.85	9.02	8.04	15.3	3.21	101.2
96	5/5/2012 12:01:33	11.76	47.61	30.91	8.99	8.04	13.3	3.26	100.8
97	5/5/2012 12:16:33	11.76	47.67	30.96	8.94	8.04	11.9	3.31	100.3
98	5/5/2012 12:31:33	11.75	47.71	30.99	8.94	8.04	8.9	3.33	100.3
99	5/5/2012 12:46:33	11.85	47.59	30.90	8.88	8.04	9.0	3.35	99.7
100	5/5/2012 13:01:33	11.74	47.75	31.01	8.76	8.03	10.1	3.33	98.3
101	5/5/2012 13:16:32	11.82	47.67	30.96	8.87	8.03	12.7	3.29	99.6
102	5/5/2012 13:31:33	12.55	47.27	30.70	9.28	8.07	18.6	3.23	105.7
103	5/5/2012 13:46:33	12.55	47.38	30.78	9.32	8.07	17.2	3.16	106.2
104	5/5/2012 14:01:33	12.62	47.37	30.78	9.35	8.08	17.3	3.07	106.7
105	5/5/2012 14:16:33	12.75	47.31	30.74	9.40	8.08	16.9	2.97	107.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
106	5/5/2012 14:31:33	13.22	46.59	30.24	9.47	8.10	21.6	2.88	109.1
107	5/5/2012 14:46:33	13.42	46.43	30.13	9.51	8.11	25.2	2.77	109.9
108	5/5/2012 15:01:32	13.71	46.11	29.90	9.51	8.12	31.3	2.69	110.4
109	5/5/2012 15:16:33	13.89	46.10	29.91	9.52	8.12	32.8	2.58	110.8
110	5/5/2012 15:31:32	14.10	45.39	29.40	9.40	8.12	35.2	2.48	109.6
111	5/5/2012 15:46:32	14.48	44.76	28.95	9.55	8.15	29.1	2.38	111.9
112	5/5/2012 16:01:32	14.66	44.71	28.92	9.55	8.16	28.1	2.29	112.4
113	5/5/2012 16:16:32	14.65	44.44	28.73	9.37	8.15	36.5	2.19	110.0
114	5/5/2012 16:31:32	14.77	44.40	28.70	9.35	8.15	36.0	2.09	110.1
115	5/5/2012 16:46:32	14.84	44.46	28.75	9.34	8.16	36.0	2.02	110.1
116	5/5/2012 17:01:32	14.96	44.43	28.72	9.28	8.16	36.6	1.97	109.7
117	5/5/2012 17:16:32	14.95	44.35	28.67	9.18	8.16	32.6	1.93	108.5
118	5/5/2012 17:31:32	14.92	44.28	28.62	9.12	8.16	20.8	1.90	107.6
119	5/5/2012 17:46:32	14.99	44.35	28.67	8.87	8.15	24.9	1.89	104.8
120	5/5/2012 18:01:33	14.86	44.44	28.73	9.31	8.15	24.6	1.93	109.8
121	5/5/2012 18:16:32	14.72	44.42	28.72	9.34	8.15	22.4	1.97	109.8
122	5/5/2012 18:31:32	14.76	44.20	28.56	9.36	8.15	23.0	2.04	110.1
123	5/5/2012 18:46:32	14.78	44.15	28.53	9.34	8.15	24.3	2.11	109.8
124	5/5/2012 19:01:32	14.65	44.25	28.59	9.32	8.14	21.8	2.20	109.4
125	5/5/2012 19:16:32	14.72	44.13	28.51	9.36	8.14	21.4	2.30	109.9
126	5/5/2012 19:31:32	14.58	44.21	28.56	9.29	8.13	27.8	2.39	108.8
127	5/5/2012 19:46:32	14.20	44.77	28.96	9.22	8.11	37.7	2.48	107.5
128	5/5/2012 20:01:33	13.91	45.23	29.28	9.21	8.10	28.8	2.57	106.9
129	5/5/2012 20:16:33	13.73	45.48	29.46	9.25	8.10	30.2	2.68	107.1
130	5/5/2012 20:31:32	13.28	46.11	29.89	9.21	8.08	24.0	2.77	106.0
131	5/5/2012 20:46:32	13.05	46.32	30.03	9.17	8.07	29.3	2.86	105.1
132	5/5/2012 21:01:33	12.75	46.82	30.39	9.04	8.06	31.1	2.97	103.1
133	5/5/2012 21:16:33	12.41	47.24	30.68	8.94	8.05	42.6	3.06	101.5
134	5/5/2012 21:31:33	12.30	47.37	30.77	8.92	8.04	33.6	3.17	101.1
135	5/5/2012 21:46:33	12.16	47.49	30.85	8.95	8.04	34.4	3.27	101.1
136	5/5/2012 22:01:33	11.84	47.95	31.16	8.90	8.03	28.5	3.37	100.1
137	5/5/2012 22:16:33	11.52	48.38	31.46	8.72	8.01	23.3	3.49	97.6
138	5/5/2012 22:31:33	11.25	48.76	31.72	8.61	7.99	18.4	3.60	96.0
139	5/5/2012 22:46:33	11.14	48.95	31.85	8.60	7.99	14.1	3.70	95.7
140	5/5/2012 23:01:33	11.08	49.06	31.93	8.64	7.99	12.8	3.80	96.1
141	5/5/2012 23:16:33	11.03	49.14	31.98	8.71	7.99	10.3	3.88	96.8
142	5/5/2012 23:31:33	10.96	49.18	32.01	8.75	7.99	9.4	3.95	97.2
143	5/5/2012 23:46:33	10.84	49.30	32.09	8.70	7.99	8.5	4.00	96.4
144	5/6/2012 0:01:33	10.85	49.29	32.08	8.59	7.99	4.8	4.02	95.2
145	5/6/2012 0:16:32	11.02	49.12	31.97	8.55	7.99	8.2	4.03	95.0
146	5/6/2012 0:31:33	10.83	49.31	32.09	8.53	7.98	8.1	4.00	94.5
147	5/6/2012 0:46:33	11.17	48.79	31.74	8.66	8.00	10.3	3.93	96.4
148	5/6/2012 1:01:33	11.11	48.90	31.81	8.70	8.00	10.0	3.85	96.7
149	5/6/2012 1:16:33	11.15	48.77	31.72	8.76	8.00	10.7	3.76	97.4
150	5/6/2012 1:31:33	11.32	48.52	31.55	8.77	8.01	10.5	3.63	97.8
151	5/6/2012 1:46:33	11.81	47.76	31.02	8.75	8.03	15.9	3.50	98.2
152	5/6/2012 2:01:33	11.96	47.52	30.86	8.68	8.03	14.4	3.37	97.7
153	5/6/2012 2:16:32	12.70	46.29	30.00	8.75	8.06	20.0	3.22	99.5
154	5/6/2012 2:31:33	12.73	46.21	29.95	8.74	8.06	18.6	3.08	99.4
155	5/6/2012 2:46:33	12.67	46.26	29.98	8.71	8.06	18.3	2.92	99.0
156	5/6/2012 3:01:33	12.67	46.21	29.94	8.70	8.06	15.9	2.78	98.8
157	5/6/2012 3:16:33	12.63	46.27	29.99	8.67	8.05	15.9	2.63	98.5
158	5/6/2012 3:31:33	12.75	46.06	29.84	8.60	8.05	17.0	2.45	97.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
159	5/6/2012 3:46:33	12.90	45.79	29.65	8.58	8.06	19.1	2.29	97.7
160	5/6/2012 4:01:33	13.20	45.35	29.34	8.50	8.07	22.5	2.11	97.2
161	5/6/2012 4:16:33	13.20	45.33	29.33	8.46	8.07	26.4	1.94	96.8
162	5/6/2012 4:31:33	13.34	45.12	29.18	8.44	8.07	26.6	1.76	96.7
163	5/6/2012 4:46:32	13.60	44.77	28.94	8.39	8.08	28.6	1.58	96.5
164	5/6/2012 5:01:33	13.81	44.45	28.71	8.35	8.09	29.7	1.39	96.4
165	5/6/2012 5:16:33	13.92	44.31	28.62	8.29	8.09	31.8	1.22	95.9
166	5/6/2012 5:31:33	13.98	44.21	28.55	8.24	8.09	34.3	1.05	95.4
167	5/6/2012 5:46:33	13.99	44.16	28.51	8.16	8.09	33.3	0.89	94.4
168	5/6/2012 6:01:33	13.94	44.17	28.52	8.13	8.09	29.9	0.79	94.0
169	5/6/2012 6:16:33	13.88	44.24	28.57	8.08	8.07	26.1	0.77	93.3
170	5/6/2012 6:31:33	13.92	44.19	28.53	8.18	8.09	22.9	0.79	94.6
171	5/6/2012 6:46:32	13.93	44.14	28.50	8.22	8.09	20.4	0.87	95.1
172	5/6/2012 7:01:33	13.91	44.20	28.54	8.22	8.09	21.0	1.00	95.0
173	5/6/2012 7:16:32	13.92	44.19	28.53	8.27	8.09	19.2	1.09	95.5
174	5/6/2012 7:31:33	13.87	43.75	28.22	8.28	8.09	17.7	1.16	95.4
175	5/6/2012 7:46:33	13.87	43.97	28.37	8.22	8.08	16.2	1.23	94.8
176	5/6/2012 8:01:32	13.84	43.73	28.20	8.22	8.08	16.3	1.29	94.7
177	5/6/2012 8:16:32	13.84	43.86	28.30	8.20	8.08	16.3	1.36	94.5
178	5/6/2012 8:31:32	13.81	43.98	28.38	8.13	8.07	16.4	1.44	93.6
179	5/6/2012 8:46:33	13.76	44.03	28.41	8.19	8.06	15.9	1.54	94.2
180	5/6/2012 9:01:33	13.72	43.90	28.32	8.26	8.07	14.7	1.64	94.9
181	5/6/2012 9:16:33	13.69	43.72	28.19	8.39	8.07	14.7	1.76	96.3
182	5/6/2012 9:31:33	13.55	43.87	28.30	8.49	8.07	14.1	1.88	97.2
183	5/6/2012 9:46:33	13.25	45.09	29.16	8.50	8.06	14.7	2.01	97.3
184	5/6/2012 10:01:33	13.18	45.40	29.38	8.52	8.06	17.1	2.13	97.5
185	5/6/2012 10:16:33	13.15	45.54	29.48	8.57	8.06	18.6	2.26	98.0
186	5/6/2012 10:31:32	12.98	45.93	29.75	8.56	8.06	23.8	2.39	97.7
187	5/6/2012 10:46:33	13.00	45.98	29.79	8.71	8.06	23.1	2.51	99.5
188	5/6/2012 11:01:33	12.87	46.12	29.88	8.79	8.06	23.0	2.62	100.2
189	5/6/2012 11:16:33	12.74	46.36	30.05	8.87	8.06	30.0	2.73	101.0
190	5/6/2012 11:31:33	12.65	46.56	30.20	8.86	8.05	26.4	2.83	100.8
191	5/6/2012 11:46:33	12.38	47.03	30.52	8.87	8.04	24.6	2.92	100.5
192	5/6/2012 12:01:33	12.03	47.61	30.92	8.79	8.03	19.8	3.00	99.1
193	5/6/2012 12:16:33	11.88	47.89	31.12	8.69	8.03	21.3	3.09	97.8
194	5/6/2012 12:31:33	11.78	48.09	31.26	8.60	8.02	18.8	3.16	96.7
195	5/6/2012 12:46:33	11.64	48.25	31.37	8.49	8.01	18.9	3.23	95.2
196	5/6/2012 13:01:33	11.32	48.57	31.59	8.27	7.99	18.3	3.29	92.3
197	5/6/2012 13:16:33	10.97	48.98	31.86	7.97	7.96	15.6	3.34	88.4
198	5/6/2012 13:31:33	10.81	49.22	32.03	7.77	7.94	10.1	3.37	86.0
199	5/6/2012 13:46:33	11.10	48.93	31.83	7.91	7.96	10.0	3.36	87.9
200	5/6/2012 14:01:33	10.79	49.25	32.05	7.59	7.93	11.6	3.35	83.9
201	5/6/2012 14:16:33	11.27	48.77	31.73	8.02	7.97	11.8	3.31	89.4
202	5/6/2012 14:31:33	11.92	48.18	31.33	8.52	8.02	16.1	3.23	96.1
203	5/6/2012 14:46:33	12.72	47.71	31.03	8.94	8.05	20.0	3.13	102.3
204	5/6/2012 15:01:33	12.97	47.73	31.05	9.06	8.07	17.3	3.05	104.3
205	5/6/2012 15:16:32	13.28	47.12	30.62	9.41	8.11	18.0	2.95	108.7
206	5/6/2012 15:31:33	13.38	47.23	30.71	9.41	8.10	16.6	2.84	109.0
207	5/6/2012 15:46:33	13.90	47.07	30.61	9.51	8.13	23.1	2.74	111.3
208	5/6/2012 16:01:32	13.98	46.71	30.35	9.65	8.14	28.8	2.65	112.9
209	5/6/2012 16:16:32	14.11	46.32	30.07	9.82	8.15	25.6	2.55	115.1
210	5/6/2012 16:31:32	14.44	46.01	29.85	9.76	8.16	24.2	2.45	114.9
211	5/6/2012 16:46:32	14.61	45.57	29.54	9.90	8.17	27.4	2.36	116.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
212	5/6/2012 17:01:32	14.80	45.50	29.50	9.89	8.18	25.3	2.28	117.1
213	5/6/2012 17:16:32	14.98	45.35	29.39	9.90	8.19	27.6	2.20	117.6
214	5/6/2012 17:31:32	15.11	45.19	29.28	9.86	8.19	30.3	2.12	117.3
215	5/6/2012 17:46:32	15.21	45.31	29.37	9.81	8.20	28.9	2.05	117.0
216	5/6/2012 18:01:32	15.24	44.99	29.13	9.82	8.20	25.4	2.01	117.0
217	5/6/2012 18:16:33	15.30	44.94	29.10	9.77	8.20	19.9	1.99	116.5
218	5/6/2012 18:31:32	15.30	44.98	29.13	9.93	8.19	19.5	1.98	118.5
219	5/6/2012 18:46:33	15.14	45.17	29.26	9.90	8.19	19.0	1.99	117.8
220	5/6/2012 19:01:33	15.30	44.70	28.93	10.13	8.21	16.7	2.03	120.7
221	5/6/2012 19:16:32	15.00	45.04	29.16	9.90	8.18	19.5	2.08	117.4
222	5/6/2012 19:31:32	14.88	45.13	29.23	9.79	8.17	19.6	2.15	115.8
223	5/6/2012 19:46:32	15.34	44.79	29.00	10.05	8.19	18.9	2.24	119.9
224	5/6/2012 20:01:32	15.03	44.99	29.13	9.92	8.18	15.9	2.33	117.7
225	5/6/2012 20:16:32	14.67	45.30	29.35	9.81	8.16	23.3	2.42	115.7
226	5/6/2012 20:31:32	14.53	45.56	29.53	9.78	8.15	21.7	2.52	115.1
227	5/6/2012 20:46:32	14.13	46.04	29.86	9.69	8.14	17.2	2.61	113.3
228	5/6/2012 21:01:33	13.63	46.57	30.23	9.43	8.10	19.5	2.70	109.5
229	5/6/2012 21:16:33	13.17	47.05	30.57	9.13	8.07	17.2	2.80	105.2
230	5/6/2012 21:31:33	12.97	47.26	30.71	9.03	8.06	16.7	2.90	103.7
231	5/6/2012 21:46:33	12.52	47.76	31.06	8.74	8.03	21.5	3.00	99.7
232	5/6/2012 22:01:33	12.29	47.98	31.20	8.62	8.02	19.2	3.10	97.9
233	5/6/2012 22:16:32	12.11	48.15	31.32	8.49	8.01	18.2	3.21	96.2
234	5/6/2012 22:31:33	11.96	48.30	31.42	8.46	8.00	18.5	3.32	95.5
235	5/6/2012 22:46:33	11.49	48.78	31.75	8.17	7.97	16.1	3.43	91.5
236	5/6/2012 23:01:33	11.12	49.19	32.02	7.87	7.94	18.4	3.54	87.7
237	5/6/2012 23:16:33	10.84	49.51	32.24	7.62	7.92	16.7	3.65	84.5
238	5/6/2012 23:31:33	10.73	49.64	32.33	7.56	7.91	13.3	3.75	83.6
239	5/6/2012 23:46:33	10.60	49.83	32.46	7.53	7.91	10.9	3.84	83.1
240	5/7/2012 0:01:33	10.57	49.88	32.49	7.56	7.91	9.3	3.92	83.5
241	5/7/2012 0:16:33	10.51	49.96	32.55	7.63	7.91	7.9	3.99	84.2
242	5/7/2012 0:31:33	10.51	49.96	32.55	7.64	7.91	7.4	4.03	84.2
243	5/7/2012 0:46:33	10.52	49.95	32.54	7.60	7.91	6.4	4.06	83.8
244	5/7/2012 1:01:33	10.69	49.77	32.42	7.52	7.91	7.6	4.07	83.2
245	5/7/2012 1:16:32	10.68	49.76	32.41	7.51	7.91	9.5	4.04	83.1
246	5/7/2012 1:31:32	10.76	49.55	32.26	7.67	7.93	8.6	3.98	84.9
247	5/7/2012 1:46:33	10.72	49.62	32.31	7.71	7.92	9.0	3.89	85.3
248	5/7/2012 2:01:33	10.90	49.35	32.13	7.88	7.94	9.0	3.79	87.4
249	5/7/2012 2:16:33	11.21	49.00	31.89	7.97	7.96	9.1	3.67	88.8
250	5/7/2012 2:31:33	11.71	48.40	31.48	8.16	7.99	15.5	3.53	91.7
251	5/7/2012 2:46:33	12.32	47.67	30.98	8.42	8.02	17.3	3.40	95.5
252	5/7/2012 3:01:33	12.53	47.43	30.81	8.54	8.04	16.6	3.26	97.2
253	5/7/2012 3:16:33	12.77	47.11	30.59	8.60	8.05	14.5	3.12	98.3
254	5/7/2012 3:31:33	12.79	47.06	30.56	8.60	8.05	15.3	2.96	98.3
255	5/7/2012 3:46:33	13.05	46.71	30.32	8.65	8.06	13.7	2.81	99.2
256	5/7/2012 4:01:33	13.05	46.62	30.25	8.64	8.06	15.3	2.67	99.1
257	5/7/2012 4:16:33	12.90	46.80	30.38	8.53	8.05	14.5	2.50	97.6
258	5/7/2012 4:31:32	13.04	46.60	30.24	8.59	8.06	16.5	2.32	98.5
259	5/7/2012 4:46:32	13.37	46.19	29.95	8.63	8.08	18.4	2.16	99.5
260	5/7/2012 5:01:32	13.46	46.04	29.85	8.57	8.08	20.2	1.97	99.0
261	5/7/2012 5:16:33	13.78	45.68	29.60	8.62	8.09	24.2	1.80	100.0
262	5/7/2012 5:31:32	13.93	45.46	29.44	8.66	8.10	24.4	1.61	100.6
263	5/7/2012 5:46:32	14.32	45.00	29.12	8.69	8.12	27.1	1.42	101.6
264	5/7/2012 6:01:33	14.50	44.79	28.98	8.68	8.13	27.6	1.23	101.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
265	5/7/2012 6:16:32	14.63	44.70	28.92	8.66	8.13	28.8	1.05	101.8
266	5/7/2012 6:31:33	14.63	44.72	28.93	8.63	8.13	29.3	0.88	101.4
267	5/7/2012 6:46:32	14.66	44.67	28.89	8.55	8.13	28.2	0.75	100.5
268	5/7/2012 7:01:32	14.53	44.68	28.90	8.37	8.11	28.9	0.69	98.2
269	5/7/2012 7:16:32	14.62	44.66	28.88	8.62	8.12	24.3	0.70	101.2
270	5/7/2012 7:31:32	14.61	44.66	28.88	8.63	8.12	23.1	0.76	101.3
271	5/7/2012 7:46:32	14.61	44.68	28.90	8.62	8.12	21.5	0.87	101.2
272	5/7/2012 8:01:32	14.63	44.70	28.92	8.69	8.13	17.8	0.98	102.2
273	5/7/2012 8:16:32	14.60	44.74	28.94	8.76	8.13	16.1	1.08	102.9
274	5/7/2012 8:31:32	14.60	44.48	28.76	8.73	8.13	15.7	1.14	102.4
275	5/7/2012 8:46:32	14.58	43.94	28.37	8.77	8.11	15.1	1.21	102.6
276	5/7/2012 9:01:32	14.53	44.41	28.70	8.63	8.11	14.0	1.27	101.0
277	5/7/2012 9:16:32	14.48	44.42	28.71	8.56	8.10	14.7	1.34	100.2
278	5/7/2012 9:31:33	14.43	44.53	28.79	8.53	8.10	14.3	1.44	99.8
279	5/7/2012 9:46:32	14.36	44.58	28.83	8.55	8.10	14.2	1.55	99.9
280	5/7/2012 10:01:32	14.29	44.60	28.84	8.64	8.09	14.1	1.65	100.8
281	5/7/2012 10:16:32	14.20	44.71	28.91	8.77	8.10	14.8	1.77	102.2
282	5/7/2012 10:31:32	13.99	45.15	29.22	8.84	8.09	13.0	1.91	102.7
283	5/7/2012 10:46:32	13.79	45.60	29.54	8.66	8.07	15.3	2.03	100.4
284	5/7/2012 11:01:33	13.79	45.79	29.68	8.67	8.08	16.7	2.16	100.6
285	5/7/2012 11:16:33	13.47	46.34	30.06	8.59	8.06	19.7	2.28	99.2
286	5/7/2012 11:31:32	13.39	46.53	30.20	8.67	8.06	23.5	2.41	100.1
287	5/7/2012 11:46:32	13.41	46.64	30.28	8.84	8.07	20.0	2.52	102.2
288	5/7/2012 12:01:33	13.24	46.77	30.37	8.77	8.06	23.0	2.63	101.1
289	5/7/2012 12:16:32	13.02	47.00	30.53	8.77	8.05	25.0	2.73	100.8
290	5/7/2012 12:31:33	12.88	47.30	30.73	8.78	8.05	24.4	2.83	100.7
291	5/7/2012 12:46:33	12.55	47.81	31.09	8.81	8.03	20.9	2.91	100.5
292	5/7/2012 13:01:33	12.34	48.13	31.32	8.75	8.02	20.1	3.00	99.5
293	5/7/2012 13:16:33	12.11	48.45	31.54	8.67	8.01	18.8	3.08	98.3
294	5/7/2012 13:31:33	11.91	48.67	31.69	8.60	8.00	19.4	3.16	97.2
295	5/7/2012 13:46:33	11.78	48.83	31.80	8.61	7.99	18.3	3.23	97.1
296	5/7/2012 14:01:33	11.52	49.06	31.95	8.58	7.98	15.9	3.29	96.4
297	5/7/2012 14:16:33	11.32	49.26	32.08	8.64	7.98	11.9	3.33	96.7
298	5/7/2012 14:31:33	11.30	49.30	32.12	8.60	7.98	8.3	3.36	96.2
299	5/7/2012 14:46:33	11.38	49.23	32.06	8.50	7.97	10.6	3.35	95.3
300	5/7/2012 15:01:33	11.25	49.35	32.15	8.52	7.97	10.6	3.32	95.3
301	5/7/2012 15:16:33	11.80	48.95	31.89	8.66	7.99	15.8	3.28	97.8
302	5/7/2012 15:31:33	12.84	48.36	31.50	9.06	8.05	13.3	3.20	104.3
303	5/7/2012 15:46:33	13.04	48.36	31.51	9.01	8.05	18.6	3.10	104.2
304	5/7/2012 16:01:33	13.58	47.90	31.19	9.31	8.09	13.8	3.00	108.6
305	5/7/2012 16:16:33	13.85	47.39	30.83	9.69	8.13	16.2	2.90	113.4
306	5/7/2012 16:31:33	14.09	47.16	30.67	9.89	8.14	15.0	2.80	116.2
307	5/7/2012 16:46:33	14.16	47.14	30.66	10.01	8.15	12.5	2.71	117.8
308	5/7/2012 17:01:33	14.35	46.95	30.53	10.17	8.17	12.7	2.61	120.0
309	5/7/2012 17:16:32	14.72	46.64	30.31	10.44	8.20	11.4	2.53	123.9
310	5/7/2012 17:31:32	15.07	46.16	29.97	10.48	8.21	11.3	2.44	125.1
311	5/7/2012 17:46:32	15.27	46.27	30.06	10.60	8.22	10.9	2.36	127.1
312	5/7/2012 18:01:33	15.50	45.79	29.71	10.63	8.23	12.2	2.28	127.8
313	5/7/2012 18:16:32	15.62	45.97	29.85	10.65	8.24	11.5	2.20	128.4
314	5/7/2012 18:31:32	15.66	45.76	29.70	10.63	8.24	11.6	2.14	128.2
315	5/7/2012 18:46:32	15.69	45.66	29.63	10.55	8.24	11.7	2.08	127.2
316	5/7/2012 19:01:32	15.56	45.66	29.63	10.36	8.23	11.0	2.05	124.6
317	5/7/2012 19:16:32	15.71	45.55	29.54	10.48	8.24	9.8	2.04	126.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
318	5/7/2012 19:31:33	15.38	45.79	29.71	10.41	8.22	9.5	2.04	124.8
319	5/7/2012 19:46:33	15.40	45.85	29.76	10.50	8.22	9.9	2.07	125.9
320	5/7/2012 20:01:33	15.56	45.59	29.57	10.53	8.23	10.2	2.11	126.6
321	5/7/2012 20:16:32	15.42	45.77	29.70	10.50	8.22	10.5	2.18	125.9
322	5/7/2012 20:31:33	15.20	45.94	29.82	10.43	8.20	10.6	2.25	124.7
323	5/7/2012 20:46:32	15.36	45.79	29.71	10.35	8.20	10.8	2.35	124.0
324	5/7/2012 21:01:32	14.95	46.07	29.91	10.20	8.18	11.7	2.44	121.4
325	5/7/2012 21:16:33	14.67	46.45	30.17	10.01	8.16	12.8	2.53	118.7
326	5/7/2012 21:31:32	14.30	46.85	30.45	9.81	8.13	12.4	2.63	115.6
327	5/7/2012 21:46:33	13.96	47.13	30.65	9.66	8.11	12.2	2.71	113.1
328	5/7/2012 22:01:33	13.58	47.46	30.87	9.44	8.09	12.5	2.80	110.0
329	5/7/2012 22:16:33	13.39	47.64	31.00	9.37	8.08	11.9	2.89	108.7
330	5/7/2012 22:31:33	13.24	47.80	31.11	9.31	8.07	12.4	2.99	107.8
331	5/7/2012 22:46:32	12.96	48.09	31.31	9.25	8.06	14.7	3.08	106.7
332	5/7/2012 23:01:32	12.60	48.35	31.48	9.15	8.04	15.4	3.18	104.8
333	5/7/2012 23:16:32	12.30	48.61	31.66	9.08	8.03	13.6	3.28	103.5
334	5/7/2012 23:31:33	12.01	48.85	31.82	8.96	8.01	13.3	3.39	101.6
335	5/7/2012 23:46:33	11.75	49.07	31.97	8.85	8.00	13.1	3.50	99.9
336	5/8/2012 0:01:33	11.27	49.49	32.25	8.57	7.97	16.4	3.60	95.9
337	5/8/2012 0:16:32	11.04	49.71	32.39	8.42	7.96	13.0	3.69	93.8
338	5/8/2012 0:31:33	10.97	49.77	32.44	8.37	7.96	11.1	3.79	93.2
339	5/8/2012 0:46:33	10.91	49.84	32.48	8.38	7.96	10.0	3.87	93.2
340	5/8/2012 1:01:33	10.88	49.89	32.52	8.39	7.96	8.8	3.93	93.3
341	5/8/2012 1:16:33	10.86	49.91	32.53	8.40	7.97	7.3	3.97	93.4
342	5/8/2012 1:31:33	10.86	49.92	32.54	8.27	7.96	3.9	4.01	91.9
343	5/8/2012 1:46:32	11.07	49.73	32.41	8.24	7.96	7.3	4.01	91.9
344	5/8/2012 2:01:33	10.94	49.84	32.49	8.28	7.96	8.6	3.98	92.2
345	5/8/2012 2:16:33	10.98	49.81	32.46	8.33	7.96	11.1	3.93	92.8
346	5/8/2012 2:31:33	11.15	49.62	32.33	8.45	7.97	8.9	3.85	94.4
347	5/8/2012 2:46:33	11.10	49.68	32.38	8.50	7.97	8.0	3.75	94.9
348	5/8/2012 3:01:33	11.53	49.26	32.09	8.57	7.99	8.4	3.64	96.4
349	5/8/2012 3:16:33	12.05	48.75	31.75	8.69	8.01	10.5	3.51	98.5
350	5/8/2012 3:31:33	12.37	48.45	31.55	8.66	8.02	12.3	3.38	98.7
351	5/8/2012 3:46:32	12.76	48.04	31.27	8.83	8.04	11.5	3.25	101.4
352	5/8/2012 4:01:32	13.06	47.74	31.06	8.90	8.06	13.5	3.12	102.6
353	5/8/2012 4:16:33	13.19	47.61	30.97	8.84	8.06	12.1	2.97	102.2
354	5/8/2012 4:31:33	13.07	47.69	31.03	8.89	8.07	12.3	2.81	102.5
355	5/8/2012 4:46:33	12.75	47.99	31.23	8.90	8.05	12.2	2.68	102.1
356	5/8/2012 5:01:32	13.07	47.68	31.02	8.92	8.06	13.8	2.52	102.9
357	5/8/2012 5:16:32	13.48	47.26	30.73	8.90	8.08	15.3	2.34	103.4
358	5/8/2012 5:31:33	14.06	46.71	30.35	8.86	8.10	16.7	2.18	103.9
359	5/8/2012 5:46:32	14.23	46.55	30.24	8.79	8.11	18.8	2.01	103.3
360	5/8/2012 6:01:32	14.38	46.37	30.11	8.72	8.11	19.5	1.83	102.7
361	5/8/2012 6:16:32	14.72	46.04	29.88	8.70	8.12	22.0	1.64	103.0
362	5/8/2012 6:31:32	15.12	45.67	29.63	8.70	8.14	23.0	1.47	103.7
363	5/8/2012 6:46:32	15.39	45.44	29.46	8.64	8.15	24.2	1.28	103.5
364	5/8/2012 7:01:32	15.51	45.35	29.40	8.55	8.14	26.9	1.11	102.6
365	5/8/2012 7:16:33	15.62	45.25	29.33	8.47	8.14	26.8	0.96	101.8
366	5/8/2012 7:31:32	15.73	45.17	29.27	8.38	8.14	26.6	0.81	100.9
367	5/8/2012 7:46:32	15.78	45.12	29.24	8.31	8.14	31.9	0.73	100.1
368	5/8/2012 8:01:32	15.58	45.24	29.32	8.25	8.12	21.5	0.71	99.1
369	5/8/2012 8:16:32	15.68	45.18	29.28	8.44	8.14	20.8	0.74	101.6
370	5/8/2012 8:31:32	15.69	45.19	29.28	8.51	8.14	18.3	0.84	102.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
371	5/8/2012 8:46:33	15.60	45.26	29.33	8.50	8.14	17.3	0.95	102.1
372	5/8/2012 9:01:32	15.62	45.25	29.33	8.53	8.14	16.7	1.05	102.6
373	5/8/2012 9:16:33	15.60	45.13	29.24	8.52	8.14	15.9	1.14	102.2
374	5/8/2012 9:31:33	15.59	44.78	28.99	8.54	8.14	16.0	1.19	102.4
375	5/8/2012 9:46:33	15.52	44.81	29.01	8.52	8.13	15.0	1.26	102.0
376	5/8/2012 10:01:33	15.45	44.98	29.13	8.42	8.12	14.9	1.33	100.7
377	5/8/2012 10:16:32	15.38	45.01	29.15	8.42	8.12	15.3	1.42	100.6
378	5/8/2012 10:31:33	15.32	45.06	29.19	8.53	8.12	14.6	1.53	101.8
379	5/8/2012 10:46:32	15.21	45.19	29.27	8.47	8.11	13.9	1.63	101.0
380	5/8/2012 11:01:33	15.26	44.90	29.07	8.69	8.12	14.4	1.74	103.6
381	5/8/2012 11:16:32	14.88	45.51	29.50	8.71	8.10	13.8	1.87	103.2
382	5/8/2012 11:31:32	14.82	45.74	29.66	8.92	8.11	13.1	1.99	105.7
383	5/8/2012 11:46:33	14.52	46.28	30.05	8.93	8.10	13.5	2.11	105.5
384	5/8/2012 12:01:33	14.20	46.71	30.35	8.83	8.08	15.7	2.22	103.8
385	5/8/2012 12:16:33	14.00	46.98	30.54	8.85	8.08	20.5	2.35	103.7
386	5/8/2012 12:31:33	13.97	47.07	30.61	8.90	8.08	17.8	2.46	104.4
387	5/8/2012 12:46:33	13.99	47.08	30.62	9.17	8.09	16.2	2.57	107.5
388	5/8/2012 13:01:32	13.72	47.20	30.69	9.15	8.08	18.7	2.67	106.7
389	5/8/2012 13:16:33	13.56	47.41	30.84	9.20	8.08	19.9	2.77	107.0
390	5/8/2012 13:31:33	13.28	47.74	31.07	9.12	8.06	19.8	2.86	105.7
391	5/8/2012 13:46:33	12.75	48.30	31.45	9.01	8.04	18.4	2.95	103.5
392	5/8/2012 14:01:33	12.49	48.59	31.65	8.87	8.03	19.7	3.03	101.4
393	5/8/2012 14:16:33	12.38	48.74	31.76	8.82	8.03	18.6	3.12	100.7
394	5/8/2012 14:31:33	12.28	48.81	31.81	8.79	8.02	18.3	3.19	100.2
395	5/8/2012 14:46:33	12.09	48.95	31.90	8.76	8.02	16.2	3.25	99.6
396	5/8/2012 15:01:32	11.75	49.18	32.05	8.67	8.00	13.4	3.30	97.8
397	5/8/2012 15:16:33	11.55	49.36	32.17	8.53	7.99	8.1	3.32	95.9
398	5/8/2012 15:31:33	11.65	49.26	32.10	8.42	7.99	5.7	3.33	94.9
399	5/8/2012 15:46:33	11.50	49.40	32.20	8.37	7.98	9.8	3.31	94.1
400	5/8/2012 16:01:33	11.77	49.23	32.09	8.54	8.00	14.4	3.25	96.5
401	5/8/2012 16:16:33	13.14	48.57	31.67	9.18	8.07	19.9	3.21	106.4
402	5/8/2012 16:31:33	13.28	48.42	31.56	9.18	8.07	19.8	3.13	106.6
403	5/8/2012 16:46:32	13.61	48.37	31.53	9.49	8.10	17.9	3.04	111.0
404	5/8/2012 17:01:33	14.04	47.78	31.12	9.82	8.14	19.9	2.94	115.6
405	5/8/2012 17:16:33	14.15	47.64	31.02	9.95	8.15	16.4	2.86	117.3
406	5/8/2012 17:31:32	14.59	47.34	30.82	10.10	8.17	17.1	2.78	120.0
407	5/8/2012 17:46:32	14.59	47.37	30.84	10.17	8.18	16.3	2.68	120.8
408	5/8/2012 18:01:33	14.87	47.10	30.65	10.36	8.20	16.1	2.61	123.6
409	5/8/2012 18:16:33	15.16	46.87	30.49	10.47	8.22	15.0	2.52	125.5
410	5/8/2012 18:31:33	15.31	46.81	30.45	10.58	8.23	13.5	2.44	127.2
411	5/8/2012 18:46:33	15.57	46.50	30.23	10.49	8.24	13.9	2.37	126.6
412	5/8/2012 19:01:32	15.72	46.30	30.09	10.46	8.24	14.0	2.30	126.5
413	5/8/2012 19:16:32	15.69	46.35	30.13	10.37	8.24	13.8	2.23	125.4
414	5/8/2012 19:31:32	15.78	46.16	29.99	10.30	8.24	14.1	2.18	124.6
415	5/8/2012 19:46:32	15.79	46.10	29.94	10.28	8.24	13.6	2.14	124.4
416	5/8/2012 20:01:32	15.81	46.06	29.91	10.09	8.23	10.6	2.13	122.2
417	5/8/2012 20:16:32	15.77	46.09	29.94	10.08	8.22	11.1	2.12	122.0
418	5/8/2012 20:31:32	15.56	46.28	30.07	10.15	8.21	12.5	2.14	122.4
419	5/8/2012 20:46:32	15.91	45.87	29.78	10.25	8.24	12.0	2.18	124.2
420	5/8/2012 21:01:33	15.71	46.12	29.95	10.23	8.23	12.3	2.23	123.7
421	5/8/2012 21:16:32	15.55	46.32	30.10	10.22	8.22	12.9	2.29	123.2
422	5/8/2012 21:31:33	15.49	46.32	30.10	10.23	8.21	12.3	2.36	123.3
423	5/8/2012 21:46:33	15.38	46.45	30.19	10.15	8.20	11.9	2.45	122.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
424	5/8/2012 22:01:32	15.16	46.64	30.32	10.03	8.18	13.1	2.53	120.1
425	5/8/2012 22:16:32	14.79	47.05	30.61	9.89	8.16	14.1	2.61	117.8
426	5/8/2012 22:31:32	14.43	47.34	30.81	9.74	8.14	12.4	2.70	115.3
427	5/8/2012 22:46:33	14.04	47.64	31.02	9.62	8.12	14.0	2.78	113.2
428	5/8/2012 23:01:33	13.60	47.97	31.24	9.44	8.10	13.1	2.86	110.2
429	5/8/2012 23:16:32	13.38	48.15	31.37	9.33	8.08	12.9	2.94	108.5
430	5/8/2012 23:31:32	13.08	48.37	31.52	9.22	8.07	12.4	3.03	106.7
431	5/8/2012 23:46:33	12.80	48.58	31.66	9.10	8.05	13.6	3.12	104.8
432	5/9/2012 0:01:33	12.57	48.71	31.75	9.09	8.05	15.7	3.21	104.2
433	5/9/2012 0:16:32	12.37	48.84	31.83	9.01	8.04	14.3	3.31	103.0
434	5/9/2012 0:31:33	12.07	49.04	31.96	8.93	8.02	12.8	3.41	101.5
435	5/9/2012 0:46:33	11.76	49.27	32.12	8.83	8.01	11.4	3.51	99.7
436	5/9/2012 1:01:33	11.50	49.45	32.23	8.71	7.99	10.7	3.60	97.9
437	5/9/2012 1:16:33	11.03	49.79	32.46	8.48	7.97	10.4	3.69	94.5
438	5/9/2012 1:31:33	10.88	49.90	32.52	8.39	7.96	8.9	3.76	93.2
439	5/9/2012 1:46:33	10.80	49.95	32.56	8.34	7.96	7.7	3.82	92.6
440	5/9/2012 2:01:33	10.75	49.98	32.58	8.32	7.96	6.8	3.87	92.2
441	5/9/2012 2:16:33	10.73	50.00	32.59	8.25	7.96	4.0	3.90	91.4
442	5/9/2012 2:31:33	10.95	49.85	32.49	8.18	7.96	4.2	3.91	91.0
443	5/9/2012 2:46:33	10.81	49.96	32.56	8.16	7.95	7.2	3.89	90.6
444	5/9/2012 3:01:33	10.78	49.98	32.57	8.23	7.95	8.3	3.85	91.3
445	5/9/2012 3:16:33	11.01	49.78	32.45	8.43	7.97	11.4	3.78	93.9
446	5/9/2012 3:31:33	11.06	49.74	32.42	8.45	7.97	11.1	3.69	94.2
447	5/9/2012 3:46:33	10.96	49.81	32.46	8.44	7.97	10.9	3.59	94.0
448	5/9/2012 4:01:33	11.98	49.00	31.93	8.60	8.01	10.7	3.48	97.5
449	5/9/2012 4:16:33	12.58	48.50	31.60	8.69	8.05	15.5	3.36	99.6
450	5/9/2012 4:31:33	12.57	48.48	31.58	8.72	8.05	15.1	3.24	99.8
451	5/9/2012 4:46:33	12.61	48.46	31.57	8.67	8.05	15.6	3.11	99.4
452	5/9/2012 5:01:33	13.10	48.11	31.33	8.79	8.07	17.8	2.97	101.6
453	5/9/2012 5:16:33	13.46	47.77	31.10	8.89	8.09	16.2	2.86	103.4
454	5/9/2012 5:31:33	13.58	47.68	31.04	8.82	8.09	17.0	2.70	102.7
455	5/9/2012 5:46:33	13.22	47.94	31.21	8.80	8.07	14.7	2.57	101.9
456	5/9/2012 6:01:33	13.75	47.39	30.83	8.71	8.09	17.0	2.42	101.7
457	5/9/2012 6:16:33	14.03	47.16	30.67	8.67	8.10	19.1	2.26	101.7
458	5/9/2012 6:31:32	13.78	47.36	30.81	8.69	8.10	20.0	2.09	101.5
459	5/9/2012 6:46:32	14.29	46.89	30.49	8.60	8.11	21.6	1.93	101.3
460	5/9/2012 7:01:32	14.50	46.69	30.35	8.57	8.12	23.3	1.77	101.3
461	5/9/2012 7:16:32	14.73	46.50	30.21	8.54	8.13	24.5	1.60	101.3
462	5/9/2012 7:31:32	14.93	46.31	30.08	8.54	8.14	24.4	1.43	101.7
463	5/9/2012 7:46:32	14.97	46.25	30.04	8.50	8.14	25.0	1.26	101.3
464	5/9/2012 8:01:32	15.09	46.13	29.96	8.41	8.14	27.6	1.11	100.4
465	5/9/2012 8:16:32	15.25	45.95	29.83	8.24	8.13	29.0	0.98	98.6
466	5/9/2012 8:31:32	15.36	45.83	29.74	8.18	8.13	27.5	0.86	98.1
467	5/9/2012 8:46:32	15.25	45.87	29.77	8.16	8.13	21.3	0.82	97.6
468	5/9/2012 9:01:32	15.50	45.64	29.61	8.10	8.13	29.3	0.85	97.3
469	5/9/2012 9:16:32	15.52	45.61	29.59	8.15	8.13	23.4	0.89	97.9
470	5/9/2012 9:31:32	15.49	45.64	29.61	8.14	8.13	23.1	0.99	97.8
471	5/9/2012 9:46:32	15.47	45.63	29.60	8.11	8.13	24.4	1.09	97.3
472	5/9/2012 10:01:33	15.43	45.66	29.62	8.08	8.13	24.1	1.16	96.9
473	5/9/2012 10:16:33	15.37	45.73	29.67	8.06	8.12	21.0	1.23	96.6
474	5/9/2012 10:31:32	15.31	45.80	29.72	8.09	8.12	20.5	1.29	96.8
475	5/9/2012 10:46:32	15.29	45.44	29.46	8.21	8.13	19.8	1.36	98.0
476	5/9/2012 11:01:32	15.27	45.60	29.58	8.10	8.12	18.0	1.42	96.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
477	5/9/2012 11:16:32	15.23	45.62	29.59	8.18	8.12	18.4	1.51	97.7
478	5/9/2012 11:31:32	15.17	45.65	29.61	8.18	8.12	17.9	1.62	97.6
479	5/9/2012 11:46:32	15.09	45.72	29.65	8.16	8.11	18.9	1.71	97.3
480	5/9/2012 12:01:32	14.98	45.74	29.67	8.37	8.12	18.2	1.82	99.5
481	5/9/2012 12:16:32	14.86	45.93	29.80	8.58	8.12	19.1	1.94	101.8
482	5/9/2012 12:31:32	14.80	46.08	29.91	8.87	8.14	16.9	2.06	105.2
483	5/9/2012 12:46:32	14.30	46.95	30.53	8.64	8.10	14.7	2.17	101.9
484	5/9/2012 13:01:32	14.21	47.06	30.60	8.75	8.10	16.8	2.29	103.1
485	5/9/2012 13:16:32	14.26	47.10	30.63	8.93	8.12	18.8	2.41	105.3
486	5/9/2012 13:31:32	13.95	47.43	30.87	8.87	8.10	21.3	2.51	104.0
487	5/9/2012 13:46:33	13.81	47.53	30.93	8.83	8.09	20.0	2.61	103.3
488	5/9/2012 14:01:33	13.74	47.58	30.97	8.87	8.09	19.8	2.71	103.7
489	5/9/2012 14:16:33	13.58	47.65	31.01	9.01	8.09	20.9	2.80	105.0
490	5/9/2012 14:31:33	13.29	47.92	31.20	8.99	8.08	24.4	2.88	104.3
491	5/9/2012 14:46:33	12.76	48.48	31.59	9.04	8.06	20.2	2.96	103.9
492	5/9/2012 15:01:33	12.41	48.82	31.82	9.03	8.05	19.2	3.03	103.2
493	5/9/2012 15:16:33	12.28	48.91	31.87	8.99	8.04	17.0	3.10	102.5
494	5/9/2012 15:31:33	12.21	48.94	31.89	9.02	8.04	14.5	3.16	102.7
495	5/9/2012 15:46:33	12.15	48.96	31.91	9.06	8.04	12.8	3.19	103.1
496	5/9/2012 16:01:33	12.09	49.02	31.95	9.00	8.04	10.2	3.24	102.3
497	5/9/2012 16:16:32	12.17	48.95	31.90	8.88	8.04	7.1	3.26	101.1
498	5/9/2012 16:31:33	12.11	48.99	31.93	8.94	8.03	9.6	3.25	101.6
499	5/9/2012 16:46:33	12.14	48.99	31.93	8.97	8.03	13.4	3.22	102.0
500	5/9/2012 17:01:33	12.70	48.80	31.81	9.26	8.07	17.7	3.17	106.5
501	5/9/2012 17:16:33	12.78	48.79	31.81	9.49	8.09	19.2	3.12	109.3
502	5/9/2012 17:31:33	12.72	48.80	31.82	9.51	8.09	19.7	3.03	109.4
503	5/9/2012 17:46:33	12.75	48.76	31.79	9.49	8.09	17.5	2.96	109.2
504	5/9/2012 18:01:32	12.91	48.64	31.71	9.52	8.11	19.8	2.88	109.9
505	5/9/2012 18:16:33	13.52	48.12	31.35	9.54	8.14	26.6	2.79	111.3
506	5/9/2012 18:31:32	13.63	47.98	31.25	9.48	8.14	34.0	2.72	110.8
507	5/9/2012 18:46:32	13.90	47.74	31.09	9.47	8.16	41.6	2.63	111.1
508	5/9/2012 19:01:33	14.16	47.46	30.90	9.42	8.17	40.2	2.56	111.0
509	5/9/2012 19:16:32	14.50	46.92	30.51	9.27	8.17	39.3	2.48	109.7
510	5/9/2012 19:31:32	14.56	46.74	30.39	9.18	8.17	38.6	2.40	108.8
511	5/9/2012 19:46:32	14.86	46.42	30.16	8.93	8.16	45.4	2.35	106.2
512	5/9/2012 20:01:33	14.97	46.28	30.06	8.85	8.16	43.1	2.28	105.5
513	5/9/2012 20:16:33	14.77	46.51	30.22	8.87	8.16	37.9	2.23	105.4
514	5/9/2012 20:31:33	15.07	46.28	30.06	8.72	8.16	41.6	2.19	104.1
515	5/9/2012 20:46:32	14.95	46.34	30.10	8.68	8.16	37.7	2.17	103.4
516	5/9/2012 21:01:32	15.08	46.24	30.03	8.53	8.16	27.7	2.15	101.9
517	5/9/2012 21:16:32	14.88	46.30	30.07	8.55	8.15	22.2	2.15	101.7
518	5/9/2012 21:31:32	14.94	46.37	30.12	8.74	8.15	28.8	2.16	104.2
519	5/9/2012 21:46:32	14.86	46.34	30.10	8.67	8.15	27.2	2.19	103.1
520	5/9/2012 22:01:33	15.05	46.18	29.99	8.65	8.15	25.7	2.24	103.2
521	5/9/2012 22:16:33	15.01	46.26	30.05	8.67	8.15	31.3	2.27	103.3
522	5/9/2012 22:31:33	14.82	46.45	30.18	8.64	8.13	32.0	2.34	102.7
523	5/9/2012 22:46:32	15.09	46.12	29.94	8.74	8.16	24.2	2.42	104.3
524	5/9/2012 23:01:32	14.83	46.50	30.22	8.68	8.14	26.2	2.48	103.3
525	5/9/2012 23:16:33	14.66	46.70	30.36	8.81	8.14	29.2	2.55	104.5
526	5/9/2012 23:31:32	14.29	47.13	30.66	8.89	8.13	26.2	2.63	104.8
527	5/9/2012 23:46:33	13.85	47.50	30.91	8.96	8.11	26.6	2.70	104.9
528	5/10/2012 0:01:33	13.77	47.51	30.92	8.99	8.11	25.7	2.77	105.1
529	5/10/2012 0:16:33	13.53	47.74	31.08	9.06	8.10	19.7	2.85	105.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
530	5/10/2012 0:31:33	13.32	47.90	31.19	9.08	8.10	17.2	2.94	105.4
531	5/10/2012 0:46:33	12.78	48.40	31.53	9.14	8.07	16.2	3.00	105.0
532	5/10/2012 1:01:33	12.48	48.73	31.75	9.18	8.06	19.8	3.11	105.0
533	5/10/2012 1:16:33	12.40	48.76	31.78	9.21	8.06	24.4	3.19	105.3
534	5/10/2012 1:31:33	12.19	48.90	31.86	9.25	8.05	19.0	3.26	105.3
535	5/10/2012 1:46:32	11.96	49.04	31.96	9.28	8.04	17.9	3.35	105.1
536	5/10/2012 2:01:33	11.65	49.26	32.10	9.31	8.03	15.4	3.41	104.9
537	5/10/2012 2:16:33	11.47	49.39	32.18	9.32	8.03	13.4	3.49	104.7
538	5/10/2012 2:31:33	11.18	49.60	32.32	9.31	8.02	11.5	3.55	104.1
539	5/10/2012 2:46:33	11.05	49.70	32.39	9.30	8.01	10.4	3.58	103.6
540	5/10/2012 3:01:33	10.99	49.75	32.42	9.20	8.01	8.2	3.63	102.5
541	5/10/2012 3:16:33	10.90	49.80	32.46	9.06	8.00	5.1	3.66	100.7
542	5/10/2012 3:31:33	11.07	49.70	32.39	9.08	8.00	9.2	3.64	101.3
543	5/10/2012 3:46:33	10.94	49.79	32.45	9.07	8.00	8.3	3.62	100.9
544	5/10/2012 4:01:33	10.91	49.80	32.45	9.15	8.00	10.3	3.58	101.7
545	5/10/2012 4:16:33	11.48	49.23	32.07	9.09	8.03	13.1	3.51	102.1
546	5/10/2012 4:31:33	11.56	49.19	32.05	9.09	8.03	12.0	3.43	102.2
547	5/10/2012 4:46:33	11.93	48.81	31.79	9.01	8.04	11.4	3.33	101.9
548	5/10/2012 5:01:33	12.45	48.35	31.48	8.77	8.06	15.5	3.23	100.1
549	5/10/2012 5:16:33	12.62	48.19	31.37	8.76	8.06	15.2	3.13	100.2
550	5/10/2012 5:31:33	12.61	48.21	31.39	8.71	8.06	15.6	3.02	99.7
551	5/10/2012 5:46:33	12.88	47.86	31.14	8.63	8.07	18.4	2.91	99.2
552	5/10/2012 6:01:32	12.77	47.94	31.19	8.66	8.07	16.2	2.79	99.4
553	5/10/2012 6:16:33	12.78	48.02	31.26	8.61	8.06	15.3	2.67	98.8
554	5/10/2012 6:31:33	12.87	47.88	31.16	8.48	8.07	18.5	2.54	97.4
555	5/10/2012 6:46:33	12.97	47.69	31.03	8.37	8.07	17.7	2.43	96.4
556	5/10/2012 7:01:33	13.17	47.41	30.83	8.31	8.07	19.1	2.27	96.0
557	5/10/2012 7:16:33	13.35	47.26	30.72	8.39	8.08	20.5	2.12	97.2
558	5/10/2012 7:31:33	13.51	47.11	30.62	8.35	8.09	24.1	1.99	96.9
559	5/10/2012 7:46:32	13.53	47.04	30.57	8.36	8.10	24.1	1.82	97.0
560	5/10/2012 8:01:33	13.78	46.75	30.37	8.23	8.10	26.3	1.66	95.9
561	5/10/2012 8:16:33	13.99	46.45	30.16	8.07	8.10	28.8	1.54	94.3
562	5/10/2012 8:31:33	14.08	46.27	30.03	7.97	8.10	30.3	1.37	93.2
563	5/10/2012 8:46:33	14.15	46.17	29.96	7.89	8.11	30.9	1.25	92.5
564	5/10/2012 9:01:32	14.18	46.17	29.96	7.84	8.11	32.8	1.15	91.9
565	5/10/2012 9:16:32	14.18	46.24	30.01	7.80	8.11	30.1	1.03	91.4
566	5/10/2012 9:31:32	14.21	46.21	29.99	7.87	8.11	34.3	0.96	92.4
567	5/10/2012 9:46:32	14.18	46.23	30.01	7.90	8.11	28.6	0.96	92.6
568	5/10/2012 10:01:32	14.13	46.24	30.01	7.87	8.10	30.4	0.96	92.1
569	5/10/2012 10:16:33	14.11	46.25	30.02	7.84	8.10	31.1	1.04	91.8
570	5/10/2012 10:31:33	14.12	46.25	30.02	7.87	8.10	29.0	1.10	92.2
571	5/10/2012 10:46:33	14.12	46.25	30.02	7.86	8.10	26.3	1.18	92.0
572	5/10/2012 11:01:33	14.10	46.30	30.05	7.94	8.10	23.3	1.25	92.9
573	5/10/2012 11:16:33	14.08	46.31	30.06	7.89	8.09	22.2	1.31	92.3
574	5/10/2012 11:31:33	14.10	46.34	30.08	7.98	8.10	20.8	1.38	93.5
575	5/10/2012 11:46:33	14.12	46.34	30.08	8.01	8.10	18.9	1.46	93.8
576	5/10/2012 12:01:33	14.12	46.33	30.07	8.03	8.10	19.2	1.52	94.1
577	5/10/2012 12:16:32	14.18	46.12	29.93	8.26	8.12	18.3	1.62	96.8
578	5/10/2012 12:31:33	14.08	46.23	30.01	8.08	8.10	19.7	1.71	94.5
579	5/10/2012 12:46:33	14.03	46.25	30.02	8.04	8.09	18.5	1.79	94.0
580	5/10/2012 13:01:33	13.90	46.44	30.15	8.25	8.09	18.4	1.91	96.3
581	5/10/2012 13:16:33	13.78	46.67	30.31	8.44	8.10	20.5	2.02	98.3
582	5/10/2012 13:31:33	14.03	46.33	30.07	8.73	8.13	19.1	2.13	102.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
583	5/10/2012 13:46:32	13.96	46.29	30.04	8.83	8.13	18.1	2.23	103.1
584	5/10/2012 14:01:33	14.11	46.39	30.12	9.07	8.14	17.0	2.35	106.3
585	5/10/2012 14:16:33	13.71	47.17	30.67	8.79	8.11	18.2	2.45	102.5
586	5/10/2012 14:31:33	13.49	47.53	30.92	8.82	8.10	24.3	2.55	102.6
587	5/10/2012 14:46:33	13.40	47.66	31.02	8.91	8.10	23.6	2.64	103.4
588	5/10/2012 15:01:33	13.26	47.85	31.15	9.02	8.10	25.3	2.73	104.5
589	5/10/2012 15:16:33	13.19	47.91	31.19	9.23	8.11	24.1	2.81	106.8
590	5/10/2012 15:31:33	13.02	48.03	31.27	9.30	8.10	25.9	2.88	107.2
591	5/10/2012 15:46:33	12.61	48.48	31.58	9.43	8.09	25.6	2.95	108.1
592	5/10/2012 16:01:33	12.30	48.81	31.81	9.54	8.08	22.0	3.02	108.8
593	5/10/2012 16:16:33	12.23	48.91	31.87	9.60	8.08	18.0	3.08	109.4
594	5/10/2012 16:31:33	12.16	48.99	31.93	9.66	8.08	16.6	3.12	109.9
595	5/10/2012 16:46:33	12.09	49.06	31.98	9.62	8.08	12.3	3.16	109.3
596	5/10/2012 17:01:33	12.00	49.09	32.00	9.37	8.07	8.6	3.19	106.3
597	5/10/2012 17:16:33	12.14	49.04	31.96	9.31	8.05	8.8	3.20	105.9
598	5/10/2012 17:31:33	11.90	49.16	32.04	9.25	8.05	10.7	3.20	104.8
599	5/10/2012 17:46:33	12.02	49.10	32.01	9.49	8.07	12.5	3.18	107.7
600	5/10/2012 18:01:33	12.41	48.90	31.88	9.61	8.10	20.4	3.14	109.8
601	5/10/2012 18:16:33	12.41	48.96	31.92	9.89	8.12	21.3	3.09	113.1
602	5/10/2012 18:31:33	12.34	48.98	31.93	9.94	8.12	19.1	3.02	113.5
603	5/10/2012 18:46:33	12.23	49.02	31.95	9.81	8.11	21.6	2.95	111.8
604	5/10/2012 19:01:33	12.16	49.04	31.97	9.71	8.11	21.6	2.88	110.5
605	5/10/2012 19:16:33	12.94	48.40	31.54	9.52	8.14	34.7	2.80	109.8
606	5/10/2012 19:31:33	12.93	48.31	31.47	9.49	8.15	30.5	2.72	109.4
607	5/10/2012 19:46:33	12.71	48.54	31.63	9.56	8.16	25.5	2.64	109.8
608	5/10/2012 20:01:32	13.23	47.85	31.14	9.28	8.16	32.9	2.55	107.4
609	5/10/2012 20:16:33	13.43	47.56	30.95	9.19	8.15	30.3	2.51	106.8
610	5/10/2012 20:31:33	13.79	47.07	30.60	8.95	8.14	39.8	2.43	104.5
611	5/10/2012 20:46:33	13.47	47.37	30.81	9.01	8.15	30.8	2.37	104.6
612	5/10/2012 21:01:33	13.79	46.96	30.52	8.79	8.14	33.5	2.32	102.5
613	5/10/2012 21:16:33	14.00	46.71	30.35	8.68	8.13	30.8	2.28	101.6
614	5/10/2012 21:31:33	14.01	46.72	30.36	8.59	8.13	30.5	2.24	100.6
615	5/10/2012 21:46:33	14.05	46.72	30.35	8.53	8.13	29.3	2.20	100.0
616	5/10/2012 22:01:33	14.15	46.66	30.31	8.44	8.12	22.9	2.19	99.1
617	5/10/2012 22:16:32	14.14	46.55	30.23	8.33	8.11	20.9	2.18	97.8
618	5/10/2012 22:31:33	13.95	46.77	30.39	8.53	8.12	25.3	2.20	99.8
619	5/10/2012 22:46:33	13.95	46.67	30.32	8.54	8.12	23.0	2.20	99.8
620	5/10/2012 23:01:33	13.90	46.74	30.36	8.53	8.12	24.5	2.25	99.7
621	5/10/2012 23:16:33	13.87	46.80	30.41	8.59	8.12	24.2	2.28	100.3
622	5/10/2012 23:31:33	13.81	46.87	30.46	8.68	8.12	23.8	2.34	101.2
623	5/10/2012 23:46:33	13.93	46.70	30.34	8.77	8.13	20.6	2.39	102.5
624	5/11/2012 0:01:33	13.75	47.07	30.60	8.71	8.12	20.8	2.46	101.6
625	5/11/2012 0:16:33	13.73	47.21	30.70	8.79	8.13	22.5	2.52	102.5
626	5/11/2012 0:31:33	13.49	47.49	30.90	8.87	8.12	22.6	2.59	103.1
627	5/11/2012 0:46:33	13.43	47.43	30.85	8.97	8.12	19.9	2.66	104.1
628	5/11/2012 1:01:32	13.18	47.77	31.09	9.09	8.12	16.9	2.73	105.1
629	5/11/2012 1:16:33	12.88	48.07	31.30	9.21	8.11	14.6	2.80	105.9
630	5/11/2012 1:31:33	12.63	48.35	31.48	9.26	8.10	12.6	2.86	106.1
631	5/11/2012 1:46:33	12.32	48.66	31.70	9.34	8.08	12.0	2.93	106.5
632	5/11/2012 2:01:33	11.92	49.07	31.97	9.35	8.05	13.5	3.00	105.8
633	5/11/2012 2:16:33	11.45	49.49	32.26	9.37	8.02	16.9	3.07	105.3
634	5/11/2012 2:31:33	11.36	49.54	32.29	9.40	8.02	19.3	3.14	105.4
635	5/11/2012 2:46:33	11.29	49.56	32.30	9.39	8.02	14.9	3.22	105.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
636	5/11/2012 3:01:33	11.19	49.63	32.35	9.38	8.01	15.0	3.27	104.9
637	5/11/2012 3:16:33	11.13	49.63	32.34	9.36	8.01	12.6	3.34	104.5
638	5/11/2012 3:31:33	11.08	49.64	32.35	9.32	8.01	10.9	3.39	103.9
639	5/11/2012 3:46:33	10.90	49.77	32.43	9.28	8.00	10.4	3.43	103.2
640	5/11/2012 4:01:33	10.80	49.85	32.48	9.17	7.99	9.0	3.46	101.7
641	5/11/2012 4:16:33	10.85	49.78	32.44	9.04	7.99	7.0	3.47	100.4
642	5/11/2012 4:31:33	10.76	49.89	32.51	9.18	7.98	9.2	3.48	101.8
643	5/11/2012 4:46:33	10.72	49.94	32.54	9.18	7.98	10.8	3.46	101.7
644	5/11/2012 5:01:33	10.86	49.82	32.47	9.21	7.99	11.1	3.40	102.3
645	5/11/2012 5:16:33	11.89	48.87	31.83	8.96	8.05	13.4	3.34	101.3
646	5/11/2012 5:31:33	11.36	49.42	32.20	9.07	8.01	14.0	3.27	101.6
647	5/11/2012 5:46:33	11.79	48.84	31.80	8.96	8.04	17.7	3.18	101.0
648	5/11/2012 6:01:33	12.09	48.52	31.59	8.80	8.05	19.5	3.08	99.8
649	5/11/2012 6:16:33	11.95	48.72	31.72	8.86	8.04	16.3	2.98	100.2
650	5/11/2012 6:31:33	12.11	48.63	31.66	8.86	8.05	13.0	2.89	100.5
651	5/11/2012 6:46:33	12.36	48.36	31.48	8.81	8.07	15.3	2.78	100.4
652	5/11/2012 7:01:33	12.58	48.08	31.29	8.79	8.08	17.7	2.68	100.6
653	5/11/2012 7:16:33	12.30	48.35	31.47	8.88	8.07	13.6	2.57	101.1
654	5/11/2012 7:31:33	12.69	47.84	31.12	8.75	8.09	16.3	2.44	100.1
655	5/11/2012 7:46:33	13.02	47.40	30.82	8.50	8.09	19.5	2.33	97.7
656	5/11/2012 8:01:33	13.00	47.44	30.84	8.55	8.09	20.5	2.21	98.4
657	5/11/2012 8:16:33	12.96	47.57	30.93	8.83	8.10	19.3	2.07	101.5
658	5/11/2012 8:31:33	13.19	47.33	30.77	8.69	8.11	21.4	1.94	100.3
659	5/11/2012 8:46:33	13.36	47.12	30.62	8.63	8.12	22.0	1.82	99.8
660	5/11/2012 9:01:33	13.49	47.04	30.57	8.56	8.12	22.3	1.71	99.2
661	5/11/2012 9:16:33	13.64	46.89	30.46	8.47	8.12	23.9	1.59	98.5
662	5/11/2012 9:31:33	13.81	46.75	30.37	8.32	8.12	22.8	1.47	97.0
663	5/11/2012 9:46:33	13.96	46.68	30.32	8.23	8.12	24.9	1.39	96.2
664	5/11/2012 10:01:33	14.05	46.67	30.32	8.19	8.12	24.7	1.32	96.0
665	5/11/2012 10:16:33	14.12	46.63	30.29	8.08	8.11	23.4	1.25	94.8
666	5/11/2012 10:31:32	14.21	46.61	30.28	8.08	8.12	19.9	1.22	95.0
667	5/11/2012 10:46:32	14.17	46.69	30.34	8.36	8.13	20.5	1.22	98.2
668	5/11/2012 11:01:33	13.88	46.74	30.36	8.07	8.11	20.9	1.23	94.2
669	5/11/2012 11:16:32	13.87	46.77	30.39	8.33	8.12	20.3	1.26	97.3
670	5/11/2012 11:31:33	13.90	46.79	30.40	8.43	8.12	19.2	1.32	98.5
671	5/11/2012 11:46:33	13.93	46.78	30.40	8.42	8.13	19.2	1.38	98.5
672	5/11/2012 12:01:33	13.93	46.80	30.41	8.50	8.13	18.4	1.45	99.4
673	5/11/2012 12:16:32	14.29	46.14	29.94	8.98	8.16	16.8	1.51	105.4
674	5/11/2012 12:31:33	14.10	46.21	29.99	8.72	8.14	16.3	1.58	102.0
675	5/11/2012 12:46:33	13.81	46.24	30.00	8.62	8.13	16.3	1.65	100.3
676	5/11/2012 13:01:33	13.73	46.39	30.11	8.57	8.12	16.2	1.73	99.6
677	5/11/2012 13:16:33	13.73	46.50	30.19	8.49	8.12	15.0	1.79	98.8
678	5/11/2012 13:31:33	13.68	46.58	30.25	8.39	8.11	14.6	1.88	97.5
679	5/11/2012 13:46:33	13.87	46.61	30.27	8.91	8.14	14.6	1.99	104.0
680	5/11/2012 14:01:32	13.59	47.11	30.62	8.99	8.13	13.5	2.07	104.6
681	5/11/2012 14:16:33	13.32	47.56	30.94	8.96	8.12	13.2	2.17	103.8
682	5/11/2012 14:31:33	13.05	47.81	31.11	8.95	8.11	15.0	2.27	103.2
683	5/11/2012 14:46:33	12.99	47.92	31.19	9.09	8.12	16.0	2.37	104.7
684	5/11/2012 15:01:33	12.96	48.00	31.24	9.15	8.12	17.1	2.46	105.4
685	5/11/2012 15:16:33	12.98	48.08	31.30	9.27	8.12	16.6	2.56	106.8
686	5/11/2012 15:31:33	12.90	48.16	31.36	9.37	8.12	16.8	2.64	107.9
687	5/11/2012 15:46:33	12.78	48.28	31.44	9.45	8.11	19.8	2.73	108.6
688	5/11/2012 16:01:33	12.56	48.46	31.56	9.72	8.11	23.8	2.81	111.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
689	5/11/2012 16:16:33	12.43	48.58	31.65	9.71	8.10	22.0	2.88	110.9
690	5/11/2012 16:31:33	12.14	48.93	31.88	9.79	8.09	23.0	2.96	111.4
691	5/11/2012 16:46:33	11.93	49.22	32.09	9.87	8.08	21.0	3.02	111.9
692	5/11/2012 17:01:33	11.86	49.41	32.22	9.98	8.08	18.5	3.08	113.1
693	5/11/2012 17:16:32	11.67	49.61	32.36	9.94	8.07	16.7	3.14	112.2
694	5/11/2012 17:31:33	11.48	49.74	32.44	9.78	8.05	13.0	3.18	110.0
695	5/11/2012 17:46:33	11.31	49.85	32.51	9.62	8.04	11.5	3.22	107.9
696	5/11/2012 18:01:33	11.25	49.90	32.55	9.40	8.04	7.2	3.25	105.3
697	5/11/2012 18:16:33	11.48	49.75	32.45	9.63	8.05	10.3	3.25	108.4
698	5/11/2012 18:31:33	11.22	49.93	32.56	9.43	8.02	10.0	3.24	105.6
699	5/11/2012 18:46:33	11.28	49.88	32.53	9.52	8.03	11.7	3.21	106.7
700	5/11/2012 19:01:33	12.28	49.28	32.14	10.11	8.11	14.5	3.15	115.4
701	5/11/2012 19:16:33	12.58	49.03	31.98	10.26	8.13	13.2	3.10	117.8
702	5/11/2012 19:31:33	12.68	48.97	31.94	10.68	8.17	14.1	3.03	122.8
703	5/11/2012 19:46:33	13.12	48.63	31.71	10.78	8.20	13.3	2.95	125.0
704	5/11/2012 20:01:33	12.90	48.62	31.69	10.17	8.15	14.1	2.88	117.3
705	5/11/2012 20:16:33	13.35	48.25	31.44	10.32	8.19	13.7	2.81	120.1
706	5/11/2012 20:31:33	13.39	48.13	31.36	10.31	8.19	18.0	2.73	119.9
707	5/11/2012 20:46:33	13.40	48.12	31.35	10.18	8.19	12.8	2.66	118.5
708	5/11/2012 21:01:33	13.58	47.93	31.22	10.20	8.20	11.6	2.61	119.0
709	5/11/2012 21:16:33	13.62	47.89	31.19	10.33	8.21	11.0	2.54	120.6
710	5/11/2012 21:31:33	13.79	47.63	31.01	10.22	8.21	11.7	2.47	119.6
711	5/11/2012 21:46:33	14.02	47.37	30.82	10.07	8.21	12.5	2.42	118.3
712	5/11/2012 22:01:33	13.97	47.41	30.85	10.07	8.21	12.2	2.37	118.2
713	5/11/2012 22:16:33	14.14	47.24	30.73	9.89	8.20	12.1	2.31	116.4
714	5/11/2012 22:31:33	14.08	47.30	30.77	9.87	8.20	11.8	2.27	116.0
715	5/11/2012 22:46:33	14.06	45.42	29.42	9.84	8.19	10.9	2.24	114.6
716	5/11/2012 23:01:32	14.30	44.33	28.64	9.88	8.20	11.7	2.23	115.1
717	5/11/2012 23:16:33	13.97	45.38	29.38	9.51	8.17	8.7	2.20	110.5
718	5/11/2012 23:31:33	14.09	47.23	30.72	9.67	8.19	11.7	2.20	113.6
719	5/11/2012 23:46:32	14.30	47.03	30.58	9.63	8.20	10.8	2.22	113.6
720	5/12/2012 0:01:32	14.27	44.45	28.73	9.84	8.21	11.1	2.25	114.7
721	5/12/2012 0:16:33	13.97	44.55	28.79	9.94	8.19	11.3	2.27	115.2
722	5/12/2012 0:31:33	13.87	44.95	29.08	9.89	8.18	11.7	2.31	114.6
723	5/12/2012 0:46:33	13.98	44.86	29.01	9.92	8.20	11.5	2.37	115.2
724	5/12/2012 1:01:33	13.95	44.95	29.08	9.98	8.19	10.9	2.43	115.7
725	5/12/2012 1:16:33	13.57	45.97	29.80	9.87	8.17	10.2	2.48	114.1
726	5/12/2012 1:31:33	13.37	45.75	29.64	9.90	8.15	10.8	2.54	113.8
727	5/12/2012 1:46:33	13.11	46.14	29.91	9.83	8.13	10.2	2.60	112.7
728	5/12/2012 2:01:32	13.09	45.81	29.67	9.89	8.14	9.8	2.66	113.1
729	5/12/2012 2:16:33	12.93	45.97	29.78	9.82	8.13	9.8	2.72	112.1
730	5/12/2012 2:31:33	12.69	45.74	29.60	9.82	8.12	9.0	2.78	111.3
731	5/12/2012 2:46:33	12.55	45.79	29.64	9.89	8.12	8.9	2.84	111.8
732	5/12/2012 3:01:33	12.34	45.90	29.71	9.84	8.11	8.3	2.90	110.8
733	5/12/2012 3:16:33	12.14	46.05	29.81	9.81	8.10	8.0	2.95	110.1
734	5/12/2012 3:31:33	11.81	46.44	30.07	9.63	8.06	8.2	3.02	107.5
735	5/12/2012 3:46:33	11.55	46.69	30.24	9.49	8.04	8.5	3.07	105.5
736	5/12/2012 4:01:33	11.37	46.75	30.28	9.43	8.03	8.6	3.12	104.4
737	5/12/2012 4:16:33	11.35	46.94	30.41	9.43	8.03	7.7	3.18	104.5
738	5/12/2012 4:31:33	11.23	47.00	30.45	9.37	8.02	7.6	3.22	103.6
739	5/12/2012 4:46:33	11.12	47.00	30.44	9.30	8.01	7.5	3.25	102.5
740	5/12/2012 5:01:33	11.08	47.23	30.61	9.10	8.00	5.5	3.28	100.3
741	5/12/2012 5:16:33	11.06	47.31	30.67	8.98	8.00	6.1	3.30	99.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
742	5/12/2012 5:31:33	11.18	47.18	30.57	9.17	8.00	8.8	3.30	101.3
743	5/12/2012 5:46:33	11.07	46.96	30.41	9.15	7.99	9.1	3.28	100.8
744	5/12/2012 6:01:33	11.23	46.85	30.34	9.20	8.01	11.6	3.24	101.6
745	5/12/2012 6:16:33	11.84	46.15	29.87	9.21	8.06	10.5	3.19	102.8
746	5/12/2012 6:31:33	11.74	46.74	30.29	9.25	8.05	9.9	3.13	103.3
747	5/12/2012 6:46:33	11.84	46.61	30.20	9.33	8.06	11.8	3.05	104.4
748	5/12/2012 7:01:33	11.96	46.56	30.17	9.40	8.07	12.8	2.98	105.3
749	5/12/2012 7:16:33	12.24	46.60	30.21	9.32	8.08	10.9	2.89	105.1
750	5/12/2012 7:31:33	12.59	46.11	29.87	9.34	8.11	11.1	2.80	105.9
751	5/12/2012 7:46:33	12.67	46.01	29.80	9.42	8.12	10.5	2.71	107.0
752	5/12/2012 8:01:33	12.63	46.15	29.90	9.88	8.14	11.4	2.62	112.1
753	5/12/2012 8:16:33	12.61	46.70	30.30	9.99	8.15	9.8	2.52	113.6
754	5/12/2012 8:31:33	13.03	46.09	29.87	9.91	8.16	11.4	2.42	113.3
755	5/12/2012 8:46:33	13.22	45.85	29.70	9.94	8.17	11.1	2.32	114.0
756	5/12/2012 9:01:33	13.70	45.44	29.42	9.55	8.18	13.1	2.21	110.5
757	5/12/2012 9:16:33	13.69	45.46	29.43	9.76	8.18	12.2	2.11	112.9
758	5/12/2012 9:31:33	13.94	45.78	29.67	9.85	8.20	12.0	1.99	114.7
759	5/12/2012 9:46:33	14.14	45.30	29.33	9.84	8.21	12.6	1.89	114.8
760	5/12/2012 10:01:32	14.32	45.36	29.38	9.84	8.21	12.8	1.79	115.3
761	5/12/2012 10:16:32	14.44	45.13	29.22	9.81	8.22	13.3	1.70	115.1
762	5/12/2012 10:31:32	14.51	45.06	29.17	9.73	8.22	12.9	1.61	114.3
763	5/12/2012 10:46:33	14.58	45.13	29.22	9.64	8.22	12.6	1.54	113.5
764	5/12/2012 11:01:32	14.47	45.10	29.20	9.37	8.21	11.4	1.50	109.9
765	5/12/2012 11:16:32	14.55	44.50	28.77	9.43	8.21	10.9	1.44	110.6
766	5/12/2012 11:31:33	14.80	45.26	29.32	9.80	8.22	11.0	1.43	115.8
767	5/12/2012 11:46:33	14.23	45.75	29.66	9.24	8.18	11.4	1.42	108.1
768	5/12/2012 12:01:33	14.18	45.66	29.59	9.29	8.19	11.5	1.44	108.6
769	5/12/2012 12:16:32	14.14	45.87	29.75	9.38	8.19	13.6	1.47	109.7
770	5/12/2012 12:31:32	14.78	45.81	29.72	10.02	8.23	11.5	1.50	118.7
771	5/12/2012 12:46:32	14.54	45.69	29.62	9.84	8.22	11.4	1.55	115.9
772	5/12/2012 13:01:32	14.36	45.88	29.76	9.69	8.21	11.6	1.61	113.9
773	5/12/2012 13:16:32	14.77	45.49	29.48	9.98	8.22	11.4	1.67	118.0
774	5/12/2012 13:31:33	14.86	44.59	28.84	10.02	8.23	11.5	1.75	118.3
775	5/12/2012 13:46:33	14.67	44.85	29.02	9.93	8.22	11.2	1.82	116.9
776	5/12/2012 14:01:33	14.42	45.00	29.12	9.81	8.21	11.1	1.89	115.0
777	5/12/2012 14:16:33	14.23	45.29	29.33	9.60	8.19	10.0	1.97	112.1
778	5/12/2012 14:31:32	14.10	45.07	29.17	9.59	8.18	10.5	2.05	111.7
779	5/12/2012 14:46:33	13.88	45.17	29.23	9.80	8.18	10.3	2.13	113.6
780	5/12/2012 15:01:33	13.89	45.50	29.47	9.95	8.18	9.9	2.23	115.6
781	5/12/2012 15:16:33	13.80	45.65	29.57	9.88	8.17	9.8	2.31	114.6
782	5/12/2012 15:31:33	13.50	45.76	29.65	10.08	8.18	9.4	2.39	116.3
783	5/12/2012 15:46:33	13.22	45.89	29.73	10.03	8.17	10.9	2.49	115.1
784	5/12/2012 16:01:33	13.07	46.26	29.99	10.02	8.16	11.3	2.57	114.8
785	5/12/2012 16:16:33	13.02	46.18	29.93	10.09	8.15	11.9	2.65	115.4
786	5/12/2012 16:31:33	12.84	46.32	30.03	10.09	8.14	11.5	2.73	115.1
787	5/12/2012 16:46:32	12.94	46.32	30.04	10.40	8.16	13.0	2.80	118.9
788	5/12/2012 17:01:33	12.71	46.40	30.08	10.54	8.15	13.3	2.88	120.0
789	5/12/2012 17:16:33	12.46	46.50	30.15	10.58	8.14	13.4	2.95	119.9
790	5/12/2012 17:31:33	12.41	46.60	30.21	10.74	8.14	12.9	3.02	121.5
791	5/12/2012 17:46:33	12.14	46.64	30.24	10.66	8.12	13.4	3.10	120.0
792	5/12/2012 18:01:33	11.86	47.01	30.48	10.59	8.11	11.9	3.16	118.7
793	5/12/2012 18:16:33	11.52	47.27	30.66	10.33	8.08	10.9	3.21	115.1
794	5/12/2012 18:31:33	11.37	47.27	30.65	10.27	8.07	10.3	3.25	114.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	5/12/2012 18:46:33	11.25	47.21	30.60	10.15	8.07	7.8	3.29	112.4
796	5/12/2012 19:01:33	11.20	47.44	30.76	10.02	8.06	5.3	3.31	110.9
797	5/12/2012 19:16:33	11.38	47.29	30.67	10.02	8.06	7.1	3.31	111.2
798	5/12/2012 19:31:33	11.20	47.44	30.76	9.93	8.05	7.2	3.29	109.9
799	5/12/2012 19:46:33	11.43	47.35	30.71	10.08	8.07	9.0	3.26	112.1
800	5/12/2012 20:01:33	12.15	46.91	30.42	10.48	8.12	8.6	3.21	118.1
801	5/12/2012 20:16:33	12.18	46.79	30.34	10.38	8.12	9.4	3.14	117.0
802	5/12/2012 20:31:33	12.40	46.65	30.25	10.45	8.13	9.6	3.08	118.3
803	5/12/2012 20:46:33	12.68	46.26	29.98	10.60	8.16	10.3	3.01	120.5
804	5/12/2012 21:01:33	12.93	46.02	29.82	10.69	8.17	9.7	2.94	122.0
805	5/12/2012 21:16:33	13.39	45.27	29.29	10.75	8.20	10.4	2.87	123.4
806	5/12/2012 21:31:33	13.52	48.22	31.43	10.56	8.21	10.1	2.80	123.3
807	5/12/2012 21:46:33	13.67	48.06	31.31	10.54	8.22	12.0	2.72	123.3
808	5/12/2012 22:01:33	13.88	47.86	31.17	10.63	8.23	10.5	2.65	124.8
809	5/12/2012 22:16:33	13.92	47.81	31.14	10.61	8.23	10.0	2.59	124.6
810	5/12/2012 22:31:33	14.13	47.64	31.02	10.55	8.24	9.9	2.52	124.3
811	5/12/2012 22:46:33	14.45	47.39	30.85	10.45	8.24	10.4	2.45	123.8
812	5/12/2012 23:01:33	14.53	47.42	30.88	10.36	8.24	10.9	2.39	123.0
813	5/12/2012 23:16:33	14.67	47.36	30.83	10.25	8.24	11.1	2.33	122.0
814	5/12/2012 23:31:32	14.70	47.38	30.85	10.12	8.23	10.2	2.27	120.5
815	5/12/2012 23:46:33	14.55	47.48	30.92	10.06	8.23	10.6	2.23	119.5
816	5/13/2012 0:01:33	14.77	47.36	30.84	10.08	8.24	9.2	2.19	120.2
817	5/13/2012 0:16:33	15.07	47.19	30.72	10.08	8.25	9.6	2.17	120.8
818	5/13/2012 0:31:32	14.68	47.43	30.89	9.47	8.22	8.6	2.15	112.7
819	5/13/2012 0:46:33	14.57	47.33	30.81	9.93	8.21	10.6	2.14	118.0
820	5/13/2012 1:01:33	14.83	47.24	30.75	10.14	8.24	11.1	2.16	121.0
821	5/13/2012 1:16:33	14.64	47.34	30.82	9.96	8.22	10.9	2.18	118.4
822	5/13/2012 1:31:33	14.23	47.54	30.96	10.04	8.21	9.9	2.21	118.5
823	5/13/2012 1:46:33	14.34	47.48	30.91	9.94	8.21	10.9	2.26	117.6
824	5/13/2012 2:01:33	14.72	47.30	30.79	10.05	8.23	10.8	2.30	119.7
825	5/13/2012 2:16:33	14.71	47.25	30.75	10.10	8.23	10.3	2.36	120.2
826	5/13/2012 2:31:33	13.96	47.70	31.06	10.07	8.20	9.0	2.41	118.3
827	5/13/2012 2:46:33	13.83	47.82	31.15	10.04	8.18	9.5	2.46	117.7
828	5/13/2012 3:01:33	13.51	48.12	31.35	10.07	8.17	9.2	2.53	117.4
829	5/13/2012 3:16:33	13.27	48.33	31.50	10.04	8.15	8.6	2.58	116.6
830	5/13/2012 3:31:33	13.36	48.26	31.45	10.00	8.16	8.7	2.63	116.4
831	5/13/2012 3:46:33	13.19	48.40	31.54	9.95	8.15	7.9	2.69	115.4
832	5/13/2012 4:01:33	12.92	48.62	31.70	9.95	8.14	8.1	2.75	114.9
833	5/13/2012 4:16:33	12.99	48.46	31.58	10.11	8.16	8.3	2.79	116.8
834	5/13/2012 4:31:33	12.84	48.60	31.67	10.05	8.15	7.0	2.84	115.8
835	5/13/2012 4:46:33	12.66	48.75	31.77	9.99	8.14	7.2	2.90	114.8
836	5/13/2012 5:01:33	12.52	48.84	31.83	9.97	8.13	7.2	2.95	114.3
837	5/13/2012 5:16:33	12.12	49.20	32.08	9.76	8.10	6.8	2.99	111.0
838	5/13/2012 5:31:33	12.01	49.30	32.15	9.55	8.08	7.5	3.03	108.4
839	5/13/2012 5:46:33	11.81	49.49	32.27	9.49	8.07	6.2	3.08	107.5
840	5/13/2012 6:01:32	11.70	49.56	32.32	9.47	8.06	6.5	3.12	107.0
841	5/13/2012 6:16:33	11.65	49.60	32.35	9.38	8.06	5.6	3.14	105.9
842	5/13/2012 6:31:33	11.78	49.53	32.30	9.29	8.05	6.4	3.16	105.1
843	5/13/2012 6:46:33	11.63	49.62	32.36	9.25	8.05	7.0	3.16	104.3
844	5/13/2012 7:01:33	11.66	49.60	32.35	9.28	8.05	8.1	3.16	104.8
845	5/13/2012 7:16:33	11.74	49.53	32.30	9.29	8.05	8.4	3.13	105.0
846	5/13/2012 7:31:33	11.85	49.44	32.24	9.39	8.06	9.5	3.07	106.3
847	5/13/2012 7:46:33	12.18	49.11	32.01	9.58	8.10	8.5	3.02	109.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
848	5/13/2012 8:01:33	12.27	49.06	31.99	9.66	8.10	8.6	2.97	110.2
849	5/13/2012 8:16:33	12.60	48.79	31.80	9.77	8.12	9.2	2.89	112.1
850	5/13/2012 8:31:33	12.98	48.47	31.58	9.76	8.15	10.1	2.80	112.7
851	5/13/2012 8:46:33	13.21	48.31	31.48	9.73	8.16	9.6	2.73	112.9
852	5/13/2012 9:01:33	13.34	48.22	31.42	9.73	8.16	11.0	2.65	113.0
853	5/13/2012 9:16:33	13.40	48.19	31.40	9.95	8.19	10.3	2.57	115.8
854	5/13/2012 9:31:33	13.72	47.94	31.23	9.63	8.18	10.3	2.47	112.7
855	5/13/2012 9:46:33	13.82	47.94	31.23	10.11	8.21	10.5	2.39	118.6
856	5/13/2012 10:01:33	14.14	47.81	31.14	10.14	8.23	10.5	2.30	119.6
857	5/13/2012 10:16:32	14.50	47.66	31.05	9.88	8.23	11.2	2.20	117.4
858	5/13/2012 10:31:32	14.48	47.77	31.12	9.95	8.23	11.1	2.11	118.2
859	5/13/2012 10:46:33	14.88	47.47	30.92	9.69	8.23	11.2	2.04	115.9
860	5/13/2012 11:01:33	14.89	47.49	30.93	9.78	8.23	10.9	1.95	116.9
861	5/13/2012 11:16:33	14.96	47.48	30.93	9.84	8.24	11.4	1.86	117.9
862	5/13/2012 11:31:33	15.04	47.37	30.85	9.75	8.24	10.8	1.80	116.9
863	5/13/2012 11:46:33	15.12	47.33	30.82	9.72	8.25	10.3	1.76	116.7
864	5/13/2012 12:01:33	15.14	47.30	30.80	9.66	8.24	10.4	1.69	116.1
865	5/13/2012 12:16:33	15.16	47.31	30.81	9.63	8.24	8.9	1.66	115.7
866	5/13/2012 12:31:33	15.24	47.32	30.82	9.70	8.24	9.4	1.66	116.7
867	5/13/2012 12:46:33	14.78	47.37	30.84	9.47	8.22	8.3	1.65	112.9
868	5/13/2012 13:01:33	14.66	47.41	30.87	9.36	8.20	7.8	1.66	111.4
869	5/13/2012 13:16:32	14.95	47.40	30.87	9.88	8.24	9.7	1.69	118.3
870	5/13/2012 13:31:33	15.16	47.33	30.82	9.93	8.25	10.0	1.73	119.3
871	5/13/2012 13:46:33	14.97	47.36	30.84	9.65	8.23	9.2	1.78	115.5
872	5/13/2012 14:01:33	14.95	47.40	30.87	9.53	8.21	9.4	1.83	114.1
873	5/13/2012 14:16:33	14.94	47.37	30.85	9.70	8.22	9.5	1.89	116.0
874	5/13/2012 14:31:33	15.37	46.96	30.56	9.97	8.24	10.0	1.97	120.1
875	5/13/2012 14:46:32	15.15	46.99	30.57	9.75	8.22	9.7	2.03	117.0
876	5/13/2012 15:01:33	14.90	47.23	30.75	9.51	8.21	8.8	2.10	113.7
877	5/13/2012 15:16:32	14.69	47.29	30.78	9.58	8.20	8.9	2.18	114.0
878	5/13/2012 15:31:33	14.76	47.23	30.74	10.10	8.22	9.4	2.26	120.4
879	5/13/2012 15:46:33	14.49	47.46	30.90	9.98	8.20	8.7	2.33	118.4
880	5/13/2012 16:01:33	14.47	47.58	30.99	10.32	8.22	9.3	2.41	122.4
881	5/13/2012 16:16:33	14.16	47.84	31.17	10.21	8.20	8.3	2.49	120.5
882	5/13/2012 16:31:33	13.55	48.23	31.43	10.07	8.18	8.7	2.57	117.6
883	5/13/2012 16:46:33	13.36	48.40	31.55	10.15	8.18	10.1	2.64	118.1
884	5/13/2012 17:01:33	13.17	48.53	31.63	10.13	8.17	9.8	2.72	117.4
885	5/13/2012 17:16:33	12.97	48.68	31.74	10.14	8.15	10.6	2.81	117.2
886	5/13/2012 17:31:33	12.91	48.79	31.81	10.38	8.16	12.3	2.88	119.9
887	5/13/2012 17:46:33	12.74	48.91	31.90	10.43	8.16	10.1	2.94	120.1
888	5/13/2012 18:01:33	12.58	49.02	31.97	10.44	8.15	10.4	3.03	119.9
889	5/13/2012 18:16:33	12.39	49.19	32.09	10.67	8.15	10.6	3.10	122.1
890	5/13/2012 18:31:33	12.22	49.34	32.19	10.61	8.15	10.9	3.17	121.1
891	5/13/2012 18:46:33	11.88	49.58	32.34	10.35	8.12	10.3	3.23	117.4
892	5/13/2012 19:01:33	11.53	49.83	32.51	9.95	8.09	8.9	3.30	112.2
893	5/13/2012 19:16:33	11.36	49.97	32.60	9.84	8.08	9.0	3.35	110.5
894	5/13/2012 19:31:33	11.19	50.11	32.70	9.70	8.07	6.3	3.38	108.6
895	5/13/2012 19:46:33	11.15	50.17	32.73	9.47	8.07	4.5	3.41	106.0
896	5/13/2012 20:01:33	11.35	50.00	32.62	9.35	8.06	4.7	3.43	105.0
897	5/13/2012 20:16:33	11.25	50.10	32.69	9.45	8.06	6.1	3.43	106.0
898	5/13/2012 20:31:33	11.41	50.00	32.63	9.74	8.08	7.9	3.41	109.6
899	5/13/2012 20:46:33	12.05	49.48	32.28	9.91	8.12	10.8	3.36	112.8
900	5/13/2012 21:01:33	12.08	49.49	32.29	9.95	8.12	8.0	3.32	113.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
901	5/13/2012 21:16:33	12.33	49.31	32.17	10.27	8.16	15.6	3.25	117.5
902	5/13/2012 21:31:33	12.71	49.06	32.00	10.16	8.17	13.7	3.18	117.0
903	5/13/2012 21:46:33	12.67	49.04	31.99	10.23	8.16	11.5	3.10	117.7
904	5/13/2012 22:01:32	12.88	48.86	31.87	10.22	8.18	12.5	3.02	118.0
905	5/13/2012 22:16:33	13.11	48.67	31.74	10.05	8.18	14.1	2.96	116.5
906	5/13/2012 22:31:33	13.50	48.36	31.52	9.93	8.19	16.6	2.88	115.9
907	5/13/2012 22:46:33	13.36	48.45	31.59	9.79	8.17	16.1	2.79	113.9
908	5/13/2012 23:01:33	13.28	48.47	31.60	9.82	8.18	12.3	2.73	114.1
909	5/13/2012 23:16:33	13.54	48.24	31.44	9.74	8.19	12.6	2.65	113.7
910	5/13/2012 23:31:33	13.76	48.07	31.33	9.65	8.20	12.5	2.57	113.1
911	5/13/2012 23:46:33	13.71	48.17	31.39	9.56	8.19	12.3	2.50	112.0
912	5/14/2012 0:01:33	14.39	47.79	31.14	9.49	8.22	14.3	2.43	112.5
913	5/14/2012 0:16:33	13.99	48.08	31.34	9.42	8.21	13.7	2.37	111.0
914	5/14/2012 0:31:33	13.96	48.07	31.33	9.35	8.20	13.3	2.30	110.0
915	5/14/2012 0:46:32	14.62	47.63	31.03	9.37	8.23	13.9	2.23	111.5
916	5/14/2012 1:01:32	14.59	47.67	31.06	9.31	8.23	13.8	2.18	110.7
917	5/14/2012 1:16:32	14.73	47.59	31.00	9.22	8.22	13.9	2.14	110.0
918	5/14/2012 1:31:32	14.86	47.51	30.94	9.14	8.23	13.1	2.11	109.3
919	5/14/2012 1:46:33	15.01	47.43	30.89	9.03	8.22	11.9	2.08	108.3
920	5/14/2012 2:01:33	14.83	47.51	30.94	8.80	8.21	13.4	2.08	105.1
921	5/14/2012 2:16:33	14.47	47.67	31.05	9.13	8.20	11.9	2.09	108.3
922	5/14/2012 2:31:33	14.53	47.64	31.03	9.13	8.21	14.1	2.11	108.5
923	5/14/2012 2:46:33	14.59	47.60	31.00	9.21	8.21	13.4	2.14	109.6
924	5/14/2012 3:01:33	14.58	47.60	31.01	9.15	8.21	13.6	2.19	108.8
925	5/14/2012 3:16:33	14.69	47.46	30.91	9.13	8.21	14.3	2.25	108.7
926	5/14/2012 3:31:33	14.56	47.54	30.96	9.10	8.20	12.2	2.30	108.2
927	5/14/2012 3:46:33	14.36	47.63	31.02	9.08	8.19	11.9	2.36	107.6
928	5/14/2012 4:01:32	14.20	47.73	31.09	9.17	8.19	12.1	2.42	108.2
929	5/14/2012 4:16:33	13.90	47.94	31.23	9.29	8.17	11.8	2.49	109.1
930	5/14/2012 4:31:33	13.61	48.19	31.40	9.31	8.16	11.0	2.54	108.9
931	5/14/2012 4:46:33	13.52	48.26	31.45	9.33	8.15	10.4	2.59	108.9
932	5/14/2012 5:01:33	13.27	48.45	31.58	9.45	8.15	9.1	2.65	109.8
933	5/14/2012 5:16:33	13.06	48.63	31.70	9.54	8.14	10.6	2.70	110.4
934	5/14/2012 5:31:33	12.98	48.70	31.75	9.57	8.14	9.1	2.76	110.6
935	5/14/2012 5:46:33	12.88	48.77	31.80	9.56	8.14	9.1	2.80	110.3
936	5/14/2012 6:01:33	12.71	48.91	31.89	9.50	8.13	8.9	2.85	109.4
937	5/14/2012 6:16:33	12.70	48.88	31.87	9.49	8.13	8.6	2.91	109.1
938	5/14/2012 6:31:33	12.55	49.02	31.97	9.45	8.12	8.6	2.95	108.5
939	5/14/2012 6:46:33	12.42	49.12	32.04	9.36	8.11	7.2	2.98	107.2
940	5/14/2012 7:01:33	12.25	49.24	32.12	9.37	8.10	6.8	3.03	106.9
941	5/14/2012 7:16:33	12.24	49.25	32.12	9.28	8.10	7.0	3.07	105.9
942	5/14/2012 7:31:33	12.19	49.28	32.14	9.33	8.10	6.1	3.09	106.4
943	5/14/2012 7:46:33	12.15	49.30	32.16	9.12	8.09	4.1	3.10	103.9
944	5/14/2012 8:01:33	12.25	49.27	32.14	9.17	8.09	6.3	3.10	104.7
945	5/14/2012 8:16:33	12.12	49.34	32.18	9.08	8.08	7.3	3.11	103.3
946	5/14/2012 8:31:33	12.32	49.23	32.11	9.20	8.09	7.6	3.08	105.1
947	5/14/2012 8:46:33	12.46	49.15	32.06	9.21	8.10	8.1	3.04	105.6
948	5/14/2012 9:01:33	13.10	48.75	31.79	9.38	8.13	9.0	2.98	108.7
949	5/14/2012 9:16:33	13.29	48.63	31.71	9.56	8.16	9.6	2.93	111.2
950	5/14/2012 9:31:33	13.31	48.54	31.65	9.53	8.16	10.8	2.85	110.8
951	5/14/2012 9:46:33	13.45	48.49	31.62	9.54	8.16	9.9	2.79	111.3
952	5/14/2012 10:01:33	13.59	48.40	31.56	9.43	8.16	9.8	2.71	110.3
953	5/14/2012 10:16:33	13.98	48.25	31.46	9.50	8.18	9.3	2.63	111.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
954	5/14/2012 10:31:33	14.28	48.14	31.39	9.58	8.19	9.2	2.56	113.5
955	5/14/2012 10:46:33	14.37	48.10	31.36	9.69	8.20	9.7	2.49	115.0
956	5/14/2012 11:01:33	14.72	48.17	31.42	10.11	8.22	9.6	2.40	120.9
957	5/14/2012 11:16:33	14.82	47.92	31.25	9.85	8.22	9.8	2.32	117.8
958	5/14/2012 11:31:33	15.06	47.85	31.20	9.71	8.23	10.8	2.26	116.7
959	5/14/2012 11:46:33	15.34	47.77	31.14	9.58	8.23	10.2	2.16	115.8
960	5/14/2012 12:01:33	15.49	47.77	31.15	9.54	8.23	10.1	2.10	115.7
961	5/14/2012 12:16:33	15.56	47.69	31.09	9.39	8.22	9.6	2.04	113.9
962	5/14/2012 12:31:33	15.73	47.75	31.14	9.60	8.23	9.5	1.97	116.9
963	5/14/2012 12:46:33	15.69	47.71	31.11	9.39	8.22	8.1	1.93	114.3
964	5/14/2012 13:01:32	15.76	47.79	31.17	9.41	8.23	8.0	1.89	114.7
965	5/14/2012 13:16:33	15.45	47.71	31.11	8.80	8.21	5.8	1.86	106.6
966	5/14/2012 13:31:33	15.39	47.65	31.06	8.88	8.20	6.0	1.83	107.4
967	5/14/2012 13:46:32	15.29	47.70	31.09	9.10	8.20	7.3	1.85	109.8
968	5/14/2012 14:01:33	15.24	47.71	31.10	9.46	8.22	7.6	1.85	114.1
969	5/14/2012 14:16:33	16.11	47.51	30.97	9.51	8.24	8.7	1.88	116.6
970	5/14/2012 14:31:32	15.57	47.64	31.06	9.54	8.23	7.9	1.91	115.8
971	5/14/2012 14:46:33	15.31	47.68	31.08	9.49	8.22	8.7	1.96	114.6
972	5/14/2012 15:01:33	15.64	47.61	31.04	9.57	8.23	9.6	2.02	116.3
973	5/14/2012 15:16:33	16.04	47.29	30.81	9.52	8.23	9.9	2.08	116.4
974	5/14/2012 15:31:33	16.01	47.04	30.63	9.49	8.21	10.5	2.14	115.9
975	5/14/2012 15:46:33	15.47	47.41	30.89	9.42	8.20	8.6	2.21	114.0
976	5/14/2012 16:01:33	15.53	47.49	30.94	9.60	8.22	8.6	2.28	116.4
977	5/14/2012 16:16:33	15.00	47.76	31.13	9.70	8.21	7.6	2.35	116.5
978	5/14/2012 16:31:33	14.81	47.90	31.23	9.77	8.21	7.9	2.42	116.9
979	5/14/2012 16:46:33	14.46	48.11	31.37	9.86	8.20	7.4	2.50	117.2
980	5/14/2012 17:01:33	13.96	48.34	31.52	9.84	8.18	7.9	2.58	116.0
981	5/14/2012 17:16:33	13.61	48.51	31.64	9.93	8.17	8.6	2.65	116.2
982	5/14/2012 17:31:33	13.42	48.63	31.72	9.91	8.17	8.6	2.72	115.6
983	5/14/2012 17:46:33	13.37	48.69	31.76	9.99	8.17	8.0	2.80	116.4
984	5/14/2012 18:01:33	13.24	48.78	31.82	10.02	8.17	9.5	2.88	116.5
985	5/14/2012 18:16:33	13.03	48.90	31.90	10.01	8.16	9.8	2.94	116.0
986	5/14/2012 18:31:33	12.90	49.03	31.99	10.08	8.16	9.9	3.02	116.6
987	5/14/2012 18:46:33	12.72	49.13	32.06	10.16	8.15	9.5	3.10	117.1
988	5/14/2012 19:01:33	12.73	49.17	32.08	10.28	8.16	9.5	3.17	118.5
989	5/14/2012 19:16:33	12.65	49.31	32.18	10.56	8.17	10.9	3.23	121.6
990	5/14/2012 19:31:33	12.45	49.46	32.29	10.70	8.17	9.8	3.31	122.8
991	5/14/2012 19:46:33	12.27	49.59	32.37	10.75	8.16	9.0	3.37	122.9
992	5/14/2012 20:01:33	11.98	49.76	32.48	10.75	8.15	8.3	3.42	122.3
993	5/14/2012 20:16:33	11.81	49.87	32.55	10.78	8.15	6.8	3.46	122.2
994	5/14/2012 20:31:33	11.76	49.92	32.58	10.69	8.15	4.9	3.49	121.1
995	5/14/2012 20:46:33	11.74	49.93	32.59	10.65	8.14	4.7	3.52	120.6
996	5/14/2012 21:01:33	11.80	49.91	32.58	10.61	8.14	5.7	3.51	120.4
997	5/14/2012 21:16:33	11.73	49.95	32.61	10.82	8.15	6.8	3.48	122.6
998	5/14/2012 21:31:33	11.86	49.88	32.56	10.65	8.14	7.8	3.44	120.9
999	5/14/2012 21:46:33	12.63	49.37	32.23	10.28	8.16	8.9	3.39	118.3
1000	5/14/2012 22:01:33	12.88	49.22	32.12	10.25	8.17	10.5	3.32	118.6
1001	5/14/2012 22:16:33	13.25	49.06	32.02	10.21	8.18	8.7	3.24	119.0
1002	5/14/2012 22:31:33	13.44	48.90	31.91	9.99	8.17	9.6	3.15	116.7
1003	5/14/2012 22:46:33	13.51	48.84	31.87	9.94	8.17	9.5	3.06	116.3
1004	5/14/2012 23:01:33	13.66	48.71	31.79	10.04	8.19	9.5	2.98	117.8
1005	5/14/2012 23:16:33	13.84	48.60	31.71	9.86	8.19	10.0	2.89	116.0
1006	5/14/2012 23:31:33	14.01	48.46	31.61	9.90	8.19	9.8	2.81	116.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1007	5/14/2012 23:46:33	14.14	48.40	31.57	9.79	8.19	9.4	2.73	115.8
1008	5/15/2012 0:01:33	14.37	48.26	31.48	9.71	8.20	9.7	2.64	115.3
1009	5/15/2012 0:16:33	14.35	48.32	31.52	9.52	8.18	10.1	2.56	113.1
1010	5/15/2012 0:31:33	14.59	48.18	31.42	9.46	8.19	10.3	2.47	112.8
1011	5/15/2012 0:46:33	15.09	47.99	31.30	9.40	8.20	11.0	2.38	113.1
1012	5/15/2012 1:01:32	14.93	48.09	31.37	9.48	8.21	11.3	2.31	113.8
1013	5/15/2012 1:16:32	15.21	47.96	31.28	9.47	8.22	11.6	2.21	114.2
1014	5/15/2012 1:31:32	15.34	47.92	31.26	9.34	8.22	11.5	2.14	113.0
1015	5/15/2012 1:46:33	15.53	47.83	31.19	9.33	8.22	11.6	2.06	113.2
1016	5/15/2012 2:01:33	15.52	47.82	31.18	9.26	8.22	11.9	2.01	112.3
1017	5/15/2012 2:16:33	15.64	47.78	31.16	9.18	8.22	11.4	1.96	111.6
1018	5/15/2012 2:31:32	15.66	47.75	31.14	9.14	8.22	11.0	1.92	111.2
1019	5/15/2012 2:46:32	15.71	47.72	31.12	8.94	8.21	8.4	1.91	108.8
1020	5/15/2012 3:01:33	15.51	47.79	31.16	8.93	8.20	12.1	1.91	108.3
1021	5/15/2012 3:16:33	15.41	47.82	31.18	9.08	8.20	12.2	1.92	109.9
1022	5/15/2012 3:31:33	15.38	47.82	31.18	9.09	8.20	13.3	1.94	109.9
1023	5/15/2012 3:46:33	15.41	47.79	31.16	9.19	8.20	11.7	1.99	111.2
1024	5/15/2012 4:01:32	15.39	47.80	31.17	9.18	8.21	12.0	2.05	111.1
1025	5/15/2012 4:16:32	15.27	47.83	31.19	9.11	8.20	12.2	2.10	110.0
1026	5/15/2012 4:31:33	15.37	47.72	31.11	9.07	8.19	11.5	2.16	109.7
1027	5/15/2012 4:46:33	15.29	47.76	31.13	8.99	8.19	10.6	2.23	108.5
1028	5/15/2012 5:01:33	15.24	47.76	31.14	8.93	8.18	10.9	2.28	107.8
1029	5/15/2012 5:16:33	15.13	47.81	31.17	8.98	8.18	10.3	2.34	108.1
1030	5/15/2012 5:31:33	14.70	48.04	31.33	9.07	8.16	9.2	2.40	108.3
1031	5/15/2012 5:46:33	14.49	48.18	31.43	9.10	8.16	9.8	2.46	108.2
1032	5/15/2012 6:01:33	14.26	48.31	31.51	9.16	8.15	9.0	2.51	108.5
1033	5/15/2012 6:16:33	14.17	48.35	31.54	9.21	8.15	9.7	2.56	109.0
1034	5/15/2012 6:31:33	13.99	48.47	31.62	9.37	8.16	8.9	2.62	110.5
1035	5/15/2012 6:46:33	13.92	48.50	31.64	9.41	8.16	9.0	2.68	110.8
1036	5/15/2012 7:01:33	13.72	48.63	31.73	9.54	8.16	7.7	2.72	112.0
1037	5/15/2012 7:16:33	13.64	48.68	31.76	9.58	8.16	8.0	2.79	112.2
1038	5/15/2012 7:31:33	13.55	48.73	31.79	9.57	8.16	7.6	2.83	112.0
1039	5/15/2012 7:46:33	13.41	48.80	31.84	9.57	8.15	7.3	2.88	111.7
1040	5/15/2012 8:01:33	13.18	48.92	31.92	9.62	8.15	7.2	2.93	111.8
1041	5/15/2012 8:16:33	13.09	48.97	31.95	9.61	8.14	6.9	2.97	111.5
1042	5/15/2012 8:31:33	13.03	49.00	31.97	9.68	8.14	5.9	3.02	112.2
1043	5/15/2012 8:46:33	12.98	49.01	31.98	9.67	8.14	6.2	3.03	112.0
1044	5/15/2012 9:01:33	12.97	49.01	31.98	9.35	8.13	4.3	3.05	108.3
1045	5/15/2012 9:16:33	13.02	49.00	31.98	9.55	8.13	5.8	3.05	110.7
1046	5/15/2012 9:31:33	12.94	49.03	31.99	9.48	8.13	5.8	3.06	109.7
1047	5/15/2012 9:46:33	12.93	49.04	32.00	9.59	8.13	7.2	3.03	111.0
1048	5/15/2012 10:01:33	12.97	49.04	32.00	9.58	8.13	7.6	2.98	110.9
1049	5/15/2012 10:16:33	13.16	48.96	31.95	9.65	8.15	11.1	2.93	112.2
1050	5/15/2012 10:31:33	13.60	48.45	31.59	9.73	8.17	7.5	2.88	113.8
1051	5/15/2012 10:46:33	13.96	48.62	31.73	9.85	8.19	8.9	2.81	116.3
1052	5/15/2012 11:01:33	14.34	48.51	31.66	10.08	8.20	8.1	2.73	119.8
1053	5/15/2012 11:16:33	14.48	48.69	31.80	10.20	8.21	8.4	2.65	121.6
1054	5/15/2012 11:31:33	14.67	48.50	31.66	10.03	8.21	8.8	2.59	120.0
1055	5/15/2012 11:46:33	15.03	48.43	31.62	10.02	8.22	10.8	2.52	120.7
1056	5/15/2012 12:01:33	15.25	48.49	31.67	10.17	8.23	8.5	2.44	123.1
1057	5/15/2012 12:16:33	15.52	48.21	31.47	10.10	8.24	10.0	2.37	122.7
1058	5/15/2012 12:31:32	15.76	48.16	31.44	10.13	8.24	9.8	2.29	123.7
1059	5/15/2012 12:46:33	16.02	48.14	31.43	10.22	8.25	8.4	2.24	125.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1060	5/15/2012 13:01:33	16.13	48.04	31.36	9.96	8.24	8.7	2.16	122.4
1061	5/15/2012 13:16:33	16.34	48.03	31.35	9.73	8.24	8.9	2.11	120.1
1062	5/15/2012 13:31:33	16.37	48.01	31.34	9.73	8.24	8.9	2.05	120.1
1063	5/15/2012 13:46:32	16.41	47.97	31.31	9.70	8.24	8.6	2.02	119.8
1064	5/15/2012 14:01:33	16.45	47.97	31.31	9.57	8.23	7.5	1.99	118.4
1065	5/15/2012 14:16:33	16.56	47.98	31.32	9.78	8.20	8.4	1.96	121.2
1066	5/15/2012 14:31:33	16.30	48.05	31.37	9.29	8.21	6.1	1.96	114.6
1067	5/15/2012 14:46:32	16.00	47.96	31.30	9.44	8.22	7.6	1.99	115.6
1068	5/15/2012 15:01:32	15.94	47.98	31.31	9.63	8.22	7.4	1.99	117.9
1069	5/15/2012 15:16:33	16.11	47.90	31.25	9.67	8.23	7.8	2.01	118.8
1070	5/15/2012 15:31:33	15.99	47.93	31.27	9.63	8.23	7.5	2.06	118.0
1071	5/15/2012 15:46:33	15.80	47.97	31.30	9.49	8.21	7.6	2.10	115.9
1072	5/15/2012 16:01:33	15.92	47.94	31.28	9.65	8.22	8.4	2.15	118.1
1073	5/15/2012 16:16:33	15.84	47.96	31.29	9.90	8.24	8.0	2.20	120.9
1074	5/15/2012 16:31:33	16.10	47.79	31.17	9.82	8.24	7.9	2.26	120.5
1075	5/15/2012 16:46:33	15.97	47.75	31.14	9.69	8.22	7.9	2.33	118.5
1076	5/15/2012 17:01:33	15.85	47.79	31.17	9.59	8.21	8.0	2.40	117.2
1077	5/15/2012 17:16:33	15.32	48.08	31.37	9.77	8.21	7.2	2.47	118.2
1078	5/15/2012 17:31:33	15.11	48.21	31.46	9.84	8.21	7.2	2.55	118.6
1079	5/15/2012 17:46:33	14.57	48.45	31.62	9.83	8.19	7.5	2.62	117.4
1080	5/15/2012 18:01:33	14.23	48.58	31.71	9.79	8.18	7.5	2.69	116.1
1081	5/15/2012 18:16:33	13.84	48.77	31.83	9.86	8.17	7.9	2.77	116.1
1082	5/15/2012 18:31:33	13.65	48.87	31.90	9.95	8.17	8.1	2.84	116.7
1083	5/15/2012 18:46:33	13.42	48.98	31.97	9.95	8.16	8.4	2.92	116.3
1084	5/15/2012 19:01:33	13.41	49.00	31.98	10.05	8.17	7.8	3.00	117.4
1085	5/15/2012 19:16:33	13.10	49.17	32.10	10.21	8.17	9.2	3.07	118.7
1086	5/15/2012 19:31:33	12.93	49.27	32.17	10.33	8.17	8.9	3.14	119.6
1087	5/15/2012 19:46:33	12.84	49.31	32.19	10.49	8.17	8.5	3.22	121.3
1088	5/15/2012 20:01:33	12.68	49.42	32.26	10.59	8.18	8.4	3.30	122.0
1089	5/15/2012 20:16:33	12.48	49.54	32.34	10.58	8.17	8.3	3.36	121.5
1090	5/15/2012 20:31:33	12.23	49.68	32.43	10.57	8.17	7.8	3.42	120.9
1091	5/15/2012 20:46:33	11.90	49.87	32.56	10.46	8.15	5.6	3.47	118.8
1092	5/15/2012 21:01:33	11.78	49.94	32.60	10.36	8.14	4.5	3.51	117.4
1093	5/15/2012 21:16:33	11.68	50.00	32.64	10.18	8.13	3.3	3.55	115.1
1094	5/15/2012 21:31:33	11.93	49.87	32.56	10.21	8.13	4.3	3.56	116.1
1095	5/15/2012 21:46:33	11.71	50.00	32.64	10.20	8.13	6.1	3.54	115.5
1096	5/15/2012 22:01:33	11.65	50.02	32.65	10.33	8.13	5.5	3.52	116.8
1097	5/15/2012 22:16:33	11.96	49.87	32.56	10.24	8.14	6.2	3.47	116.5
1098	5/15/2012 22:31:33	12.64	49.47	32.30	10.12	8.16	9.0	3.40	116.6
1099	5/15/2012 22:46:33	12.71	49.42	32.27	10.25	8.17	9.7	3.33	118.2
1100	5/15/2012 23:01:33	13.05	49.28	32.18	10.13	8.18	7.9	3.24	117.6
1101	5/15/2012 23:16:33	13.62	48.96	31.97	9.83	8.18	9.5	3.15	115.3
1102	5/15/2012 23:31:33	13.60	48.97	31.97	9.91	8.18	9.5	3.06	116.2
1103	5/15/2012 23:46:33	13.79	48.85	31.89	9.72	8.18	9.2	2.96	114.4
1104	5/16/2012 0:01:33	13.93	48.78	31.84	9.71	8.18	10.9	2.88	114.6
1105	5/16/2012 0:16:33	14.02	48.72	31.80	9.72	8.19	9.2	2.79	114.9
1106	5/16/2012 0:31:33	14.28	48.57	31.70	9.53	8.18	9.8	2.70	113.1
1107	5/16/2012 0:46:33	14.49	48.50	31.66	9.32	8.18	10.4	2.60	111.0
1108	5/16/2012 1:01:33	15.02	48.23	31.47	9.21	8.19	11.2	2.50	110.8
1109	5/16/2012 1:16:33	15.02	48.28	31.51	9.21	8.19	14.3	2.39	110.9
1110	5/16/2012 1:31:33	15.06	48.19	31.44	9.27	8.20	12.6	2.32	111.6
1111	5/16/2012 1:46:33	15.09	48.22	31.47	9.20	8.20	11.4	2.21	110.8
1112	5/16/2012 2:01:33	15.35	48.09	31.38	9.03	8.20	11.8	2.11	109.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1113	5/16/2012 2:16:33	15.47	48.02	31.33	8.95	8.20	12.6	2.02	108.5
1114	5/16/2012 2:31:33	15.57	47.97	31.30	8.82	8.19	12.8	1.94	107.2
1115	5/16/2012 2:46:33	15.75	47.88	31.23	8.65	8.19	12.4	1.86	105.5
1116	5/16/2012 3:01:33	15.83	47.84	31.20	8.55	8.18	12.6	1.80	104.4
1117	5/16/2012 3:16:33	15.92	47.77	31.16	8.51	8.18	12.0	1.77	104.0
1118	5/16/2012 3:31:33	15.96	47.75	31.14	8.46	8.18	11.4	1.73	103.5
1119	5/16/2012 3:46:33	15.96	47.75	31.14	8.30	8.18	11.1	1.73	101.5
1120	5/16/2012 4:01:33	15.79	47.82	31.19	8.41	8.17	12.6	1.74	102.6
1121	5/16/2012 4:16:32	15.69	47.86	31.21	8.45	8.17	13.4	1.75	102.9
1122	5/16/2012 4:31:33	15.63	47.87	31.23	8.47	8.17	14.5	1.80	103.0
1123	5/16/2012 4:46:33	15.62	47.88	31.23	8.53	8.18	14.3	1.85	103.7
1124	5/16/2012 5:01:33	15.56	47.90	31.24	8.58	8.18	13.6	1.91	104.3
1125	5/16/2012 5:16:33	15.59	47.77	31.15	8.49	8.17	12.8	1.97	103.1
1126	5/16/2012 5:31:33	15.55	47.81	31.18	8.51	8.17	11.5	2.03	103.3
1127	5/16/2012 5:46:33	15.50	47.82	31.19	8.53	8.17	11.9	2.10	103.4
1128	5/16/2012 6:01:33	15.44	47.85	31.20	8.52	8.17	11.1	2.16	103.2
1129	5/16/2012 6:16:33	15.33	47.92	31.26	8.58	8.17	9.9	2.22	103.7
1130	5/16/2012 6:31:33	14.92	48.18	31.43	8.75	8.16	10.1	2.28	105.1
1131	5/16/2012 6:46:33	14.75	48.25	31.48	8.82	8.15	9.1	2.36	105.6
1132	5/16/2012 7:01:33	14.56	48.36	31.56	8.93	8.15	9.0	2.42	106.5
1133	5/16/2012 7:16:33	14.47	48.37	31.56	8.97	8.15	9.0	2.48	106.8
1134	5/16/2012 7:31:33	14.24	48.53	31.67	9.13	8.16	8.1	2.56	108.3
1135	5/16/2012 7:46:33	14.11	48.61	31.73	9.26	8.16	7.9	2.61	109.5
1136	5/16/2012 8:01:33	14.06	48.64	31.74	9.30	8.16	7.8	2.68	109.9
1137	5/16/2012 8:16:33	13.98	48.69	31.78	9.32	8.16	7.6	2.74	110.0
1138	5/16/2012 8:31:33	13.84	48.75	31.82	9.34	8.16	7.6	2.79	109.9
1139	5/16/2012 8:46:33	13.63	48.87	31.90	9.39	8.15	7.3	2.85	110.2
1140	5/16/2012 9:01:33	13.52	48.91	31.93	9.44	8.15	8.2	2.91	110.5
1141	5/16/2012 9:16:33	13.41	48.94	31.94	9.43	8.15	7.1	2.96	110.1
1142	5/16/2012 9:31:33	13.31	48.96	31.95	9.41	8.14	5.9	2.98	109.7
1143	5/16/2012 9:46:33	13.19	49.01	31.99	9.43	8.14	5.6	3.03	109.7
1144	5/16/2012 10:01:33	13.11	49.06	32.02	9.40	8.14	5.3	3.06	109.2
1145	5/16/2012 10:16:33	13.35	48.86	31.89	9.21	8.13	3.7	3.06	107.4
1146	5/16/2012 10:31:33	13.26	49.01	31.99	9.31	8.14	6.0	3.06	108.4
1147	5/16/2012 10:46:33	13.09	49.09	32.04	9.39	8.14	6.2	3.04	109.0
1148	5/16/2012 11:01:33	13.12	49.07	32.03	9.40	8.14	6.2	3.00	109.2
1149	5/16/2012 11:16:33	13.21	49.03	32.00	9.43	8.14	7.1	2.95	109.7
1150	5/16/2012 11:31:33	13.46	48.94	31.95	9.45	8.15	8.0	2.88	110.5
1151	5/16/2012 11:46:33	14.01	48.76	31.83	9.55	8.18	8.5	2.83	112.8
1152	5/16/2012 12:01:33	14.12	48.78	31.85	9.79	8.19	7.8	2.75	115.9
1153	5/16/2012 12:16:33	14.16	48.77	31.85	9.81	8.19	7.9	2.67	116.3
1154	5/16/2012 12:31:33	14.34	48.68	31.78	9.72	8.19	7.9	2.62	115.6
1155	5/16/2012 12:46:33	14.51	48.62	31.75	9.74	8.20	8.1	2.53	116.2
1156	5/16/2012 13:01:33	14.72	48.50	31.66	9.63	8.20	8.3	2.47	115.3
1157	5/16/2012 13:16:33	14.88	48.49	31.66	9.68	8.21	8.9	2.40	116.2
1158	5/16/2012 13:31:33	15.03	48.44	31.62	9.86	8.22	9.0	2.34	118.7
1159	5/16/2012 13:46:33	15.21	48.41	31.61	9.70	8.22	8.7	2.26	117.3
1160	5/16/2012 14:01:32	15.48	48.19	31.46	9.60	8.22	8.6	2.21	116.6
1161	5/16/2012 14:16:33	15.60	48.03	31.34	9.22	8.20	8.4	2.17	112.1
1162	5/16/2012 14:31:33	15.72	48.04	31.35	9.11	8.20	8.3	2.11	111.1
1163	5/16/2012 14:46:33	15.76	48.04	31.35	9.22	8.20	8.3	2.08	112.5
1164	5/16/2012 15:01:33	15.77	48.02	31.34	9.13	8.20	8.3	2.05	111.5
1165	5/16/2012 15:16:33	15.81	47.98	31.31	9.02	8.19	6.1	2.03	110.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	5/16/2012 15:31:32	15.65	47.10	30.66	9.07	8.19	6.9	2.03	109.9
1167	5/16/2012 15:46:33	15.52	47.80	31.17	9.08	8.18	7.0	2.04	110.2
1168	5/16/2012 16:01:33	15.50	47.99	31.31	9.19	8.19	7.5	2.07	111.5
1169	5/16/2012 16:16:33	15.68	47.84	31.20	9.21	8.20	7.6	2.11	112.0
1170	5/16/2012 16:31:33	15.48	47.91	31.25	9.15	8.19	7.3	2.15	111.0
1171	5/16/2012 16:46:33	15.37	47.63	31.04	9.12	8.18	7.6	2.20	110.2
1172	5/16/2012 17:01:33	15.27	47.89	31.23	9.11	8.18	7.2	2.27	110.0
1173	5/16/2012 17:16:33	15.23	48.02	31.33	9.10	8.18	7.0	2.32	109.8
1174	5/16/2012 17:31:33	15.09	48.06	31.35	9.07	8.17	6.9	2.39	109.2
1175	5/16/2012 17:46:33	14.85	47.24	30.75	9.18	8.17	7.3	2.47	109.5
1176	5/16/2012 18:01:33	14.56	48.00	31.29	9.32	8.17	7.4	2.53	110.9
1177	5/16/2012 18:16:33	14.50	48.47	31.63	9.31	8.17	7.2	2.60	111.0
1178	5/16/2012 18:31:33	14.19	48.62	31.74	9.44	8.17	7.2	2.68	111.9
1179	5/16/2012 18:46:33	13.87	48.74	31.82	9.53	8.16	8.0	2.75	112.3
1180	5/16/2012 19:01:33	13.66	47.40	30.84	9.60	8.15	7.0	2.82	111.9
1181	5/16/2012 19:16:33	13.45	46.35	30.07	9.66	8.15	7.3	2.90	111.5
1182	5/16/2012 19:31:33	13.30	45.16	29.21	9.72	8.15	7.3	2.98	111.4
1183	5/16/2012 19:46:33	13.13	49.16	32.10	9.67	8.15	8.2	3.05	112.3
1184	5/16/2012 20:01:33	12.90	49.28	32.17	9.73	8.15	8.9	3.13	112.6
1185	5/16/2012 20:16:33	12.71	49.37	32.23	9.82	8.15	8.4	3.20	113.3
1186	5/16/2012 20:31:33	12.63	46.98	30.49	10.04	8.15	7.8	3.28	114.4
1187	5/16/2012 20:46:33	12.45	47.11	30.58	10.25	8.16	8.3	3.36	116.3
1188	5/16/2012 21:01:33	12.27	46.84	30.38	10.18	8.15	7.3	3.41	115.0
1189	5/16/2012 21:16:33	11.99	49.78	32.50	9.96	8.14	6.1	3.47	113.3
1190	5/16/2012 21:31:33	11.65	49.97	32.62	9.82	8.13	4.7	3.52	111.1
1191	5/16/2012 21:46:33	11.46	49.00	31.90	9.73	8.12	3.8	3.55	109.0
1192	5/16/2012 22:01:33	11.44	50.09	32.69	9.41	8.11	3.2	3.57	105.9
1193	5/16/2012 22:16:33	11.57	50.09	32.70	9.53	8.11	4.8	3.57	107.6
1194	5/16/2012 22:31:33	11.41	50.12	32.71	9.55	8.10	4.9	3.55	107.4
1195	5/16/2012 22:46:33	11.50	46.20	29.89	9.83	8.11	6.2	3.52	108.9
1196	5/16/2012 23:01:33	12.32	47.05	30.53	9.76	8.14	6.6	3.46	110.5
1197	5/16/2012 23:16:33	12.78	46.22	29.95	9.84	8.15	8.1	3.39	112.0
1198	5/16/2012 23:31:33	12.85	46.29	30.01	9.84	8.15	7.5	3.31	112.3
1199	5/16/2012 23:46:33	13.23	46.90	30.46	9.62	8.16	8.3	3.22	110.9
1200	5/17/2012 0:01:33	13.41	46.32	30.05	9.58	8.16	9.5	3.12	110.5
1201	5/17/2012 0:16:33	13.45	46.45	30.14	9.49	8.15	9.4	3.03	109.7
1202	5/17/2012 0:31:33	13.56	46.06	29.87	9.47	8.15	9.8	2.93	109.5
1203	5/17/2012 0:46:33	13.68	46.00	29.83	9.45	8.16	10.0	2.83	109.5
1204	5/17/2012 1:01:33	13.81	46.47	30.17	9.27	8.15	9.2	2.74	108.0
1205	5/17/2012 1:16:33	14.26	45.88	29.76	9.12	8.15	11.1	2.63	106.9
1206	5/17/2012 1:31:33	14.23	46.68	30.33	9.01	8.15	11.1	2.52	106.0
1207	5/17/2012 1:46:33	13.86	46.02	29.85	9.08	8.14	10.4	2.43	105.7
1208	5/17/2012 2:01:33	14.49	46.43	30.15	8.95	8.16	10.8	2.32	105.7
1209	5/17/2012 2:16:33	14.71	46.02	29.86	8.97	8.17	12.2	2.20	106.2
1210	5/17/2012 2:31:33	14.82	45.68	29.63	8.83	8.16	12.6	2.11	104.7
1211	5/17/2012 2:46:33	14.90	46.01	29.86	8.68	8.15	12.4	2.00	103.2
1212	5/17/2012 3:01:33	15.04	46.21	30.01	8.53	8.15	13.0	1.90	101.7
1213	5/17/2012 3:16:33	15.10	45.06	29.18	8.50	8.15	12.8	1.81	101.0
1214	5/17/2012 3:31:33	15.21	44.93	29.09	8.43	8.14	13.1	1.74	100.3
1215	5/17/2012 3:46:33	15.33	47.23	30.75	8.26	8.14	13.1	1.67	99.6
1216	5/17/2012 4:01:33	15.38	46.28	30.07	8.20	8.14	12.3	1.61	98.6
1217	5/17/2012 4:16:33	15.45	46.68	30.36	8.22	8.14	12.3	1.59	99.0
1218	5/17/2012 4:31:33	15.39	47.08	30.64	8.01	8.13	9.7	1.58	96.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1219	5/17/2012 4:46:32	15.35	47.29	30.80	7.95	8.13	10.9	1.58	95.9
1220	5/17/2012 5:01:33	15.29	47.79	31.16	8.11	8.13	11.7	1.62	97.9
1221	5/17/2012 5:16:33	15.24	47.83	31.19	8.15	8.13	11.9	1.65	98.3
1222	5/17/2012 5:31:33	15.21	47.86	31.21	8.24	8.14	11.2	1.71	99.3
1223	5/17/2012 5:46:33	15.16	47.89	31.23	8.25	8.14	11.3	1.76	99.4
1224	5/17/2012 6:01:33	15.15	47.73	31.11	8.15	8.13	11.1	1.83	98.1
1225	5/17/2012 6:16:33	15.12	47.82	31.18	8.17	8.13	11.3	1.90	98.3
1226	5/17/2012 6:31:33	15.10	47.78	31.15	8.12	8.12	11.3	1.94	97.6
1227	5/17/2012 6:46:33	15.04	47.81	31.17	8.13	8.12	12.0	2.04	97.7
1228	5/17/2012 7:01:33	14.99	47.88	31.22	8.17	8.12	11.2	2.09	98.1
1229	5/17/2012 7:16:33	14.77	48.07	31.35	8.29	8.12	9.6	2.15	99.1
1230	5/17/2012 7:31:33	14.56	48.22	31.45	8.39	8.12	9.7	2.24	100.0
1231	5/17/2012 7:46:33	14.44	48.31	31.52	8.50	8.13	9.4	2.31	101.1
1232	5/17/2012 8:01:33	14.31	48.40	31.58	8.62	8.13	9.2	2.38	102.4
1233	5/17/2012 8:16:33	14.08	48.57	31.70	8.76	8.14	8.7	2.46	103.6
1234	5/17/2012 8:31:33	13.99	48.62	31.73	8.81	8.14	8.8	2.54	104.0
1235	5/17/2012 8:46:33	13.93	48.66	31.75	8.85	8.14	8.4	2.61	104.4
1236	5/17/2012 9:01:33	13.90	48.66	31.76	8.87	8.14	8.1	2.68	104.6
1237	5/17/2012 9:16:33	13.78	48.72	31.80	8.88	8.14	7.9	2.74	104.4
1238	5/17/2012 9:31:33	13.67	48.77	31.83	8.91	8.13	7.8	2.80	104.6
1239	5/17/2012 9:46:33	13.56	48.81	31.85	8.94	8.13	7.4	2.86	104.7
1240	5/17/2012 10:01:33	13.40	48.84	31.87	8.95	8.13	7.1	2.91	104.5
1241	5/17/2012 10:16:33	13.07	48.29	31.46	9.06	8.13	6.8	2.96	104.8
1242	5/17/2012 10:31:33	13.02	48.98	31.96	8.99	8.12	5.9	3.01	104.2
1243	5/17/2012 10:46:33	12.98	49.01	31.98	8.95	8.12	5.4	3.04	103.6
1244	5/17/2012 11:01:33	12.95	49.04	32.00	8.99	8.12	4.7	3.07	104.0
1245	5/17/2012 11:16:33	13.27	49.09	32.05	8.96	8.12	4.5	3.08	104.4
1246	5/17/2012 11:31:33	13.10	48.98	31.96	8.86	8.12	6.1	3.07	102.8
1247	5/17/2012 11:46:33	12.95	49.00	31.97	8.98	8.12	5.8	3.05	103.9
1248	5/17/2012 12:01:33	13.01	49.02	31.98	8.95	8.12	6.5	3.01	103.6
1249	5/17/2012 12:16:33	13.12	48.97	31.96	8.99	8.13	7.9	2.95	104.4
1250	5/17/2012 12:31:33	13.64	48.84	31.88	9.09	8.14	8.4	2.89	106.7
1251	5/17/2012 12:46:33	13.98	48.79	31.86	9.13	8.15	8.1	2.83	107.9
1252	5/17/2012 13:01:33	14.24	48.75	31.83	9.23	8.16	8.3	2.75	109.5
1253	5/17/2012 13:16:33	14.35	48.78	31.85	9.33	8.16	7.6	2.69	111.0
1254	5/17/2012 13:31:33	14.48	48.69	31.79	9.20	8.16	8.4	2.62	109.7
1255	5/17/2012 13:46:33	14.47	48.56	31.70	9.08	8.16	9.0	2.55	108.2
1256	5/17/2012 14:01:33	14.77	48.51	31.67	9.06	8.17	11.7	2.48	108.6
1257	5/17/2012 14:16:33	15.10	48.48	31.65	9.14	8.18	12.6	2.43	110.2
1258	5/17/2012 14:31:33	15.23	48.42	31.62	9.10	8.18	16.1	2.35	110.0
1259	5/17/2012 14:46:33	15.45	48.49	31.67	9.17	8.19	14.8	2.29	111.4
1260	5/17/2012 15:01:33	15.78	48.38	31.60	9.19	8.19	16.7	2.25	112.4
1261	5/17/2012 15:16:33	15.90	48.29	31.54	9.17	8.20	13.4	2.20	112.4
1262	5/17/2012 15:31:33	16.12	48.35	31.58	9.06	8.20	13.0	2.16	111.5
1263	5/17/2012 15:46:33	15.97	48.26	31.51	8.86	8.19	12.4	2.14	108.7
1264	5/17/2012 16:01:33	15.74	48.17	31.44	8.62	8.17	6.7	2.12	105.2
1265	5/17/2012 16:16:33	15.96	47.97	31.30	8.91	8.18	10.4	2.12	109.1
1266	5/17/2012 16:31:33	15.78	48.38	31.60	8.83	8.18	9.4	2.12	108.0
1267	5/17/2012 16:46:33	15.68	48.28	31.52	9.00	8.18	9.0	2.15	109.7
1268	5/17/2012 17:01:32	15.71	48.04	31.35	9.01	8.18	10.3	2.18	109.8
1269	5/17/2012 17:16:32	15.69	48.10	31.39	9.04	8.18	9.0	2.22	110.2
1270	5/17/2012 17:31:33	15.55	48.09	31.38	8.97	8.17	9.8	2.28	109.0
1271	5/17/2012 17:46:33	15.54	48.11	31.39	9.00	8.17	9.3	2.32	109.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1272	5/17/2012 18:01:33	15.56	48.10	31.39	9.15	8.18	8.4	2.39	111.3
1273	5/17/2012 18:16:33	15.60	48.01	31.33	9.16	8.18	8.4	2.46	111.4
1274	5/17/2012 18:31:33	15.36	48.14	31.41	8.97	8.16	7.5	2.52	108.6
1275	5/17/2012 18:46:33	15.04	48.29	31.51	9.00	8.16	8.1	2.58	108.4
1276	5/17/2012 19:01:33	14.70	48.57	31.72	9.10	8.16	9.4	2.66	108.9
1277	5/17/2012 19:16:33	14.69	48.58	31.72	9.24	8.17	8.4	2.73	110.6
1278	5/17/2012 19:31:33	14.00	48.85	31.90	9.05	8.14	6.9	2.80	106.9
1279	5/17/2012 19:46:33	13.55	49.02	32.01	9.03	8.13	7.0	2.88	105.9
1280	5/17/2012 20:01:33	13.33	49.12	32.07	9.11	8.13	8.0	2.96	106.3
1281	5/17/2012 20:16:33	13.07	49.25	32.16	9.12	8.12	7.5	3.03	105.9
1282	5/17/2012 20:31:33	13.00	49.31	32.19	9.18	8.13	8.3	3.11	106.4
1283	5/17/2012 20:46:33	12.63	49.48	32.31	9.21	8.12	8.4	3.19	106.1
1284	5/17/2012 21:01:33	12.55	49.53	32.34	9.21	8.12	8.3	3.27	105.9
1285	5/17/2012 21:16:33	12.50	49.57	32.37	9.29	8.12	6.7	3.34	106.8
1286	5/17/2012 21:31:33	12.36	49.67	32.43	9.40	8.13	6.2	3.40	107.8
1287	5/17/2012 21:46:33	12.23	49.75	32.48	9.42	8.13	6.5	3.47	107.7
1288	5/17/2012 22:01:33	12.14	49.79	32.51	9.40	8.13	5.3	3.51	107.3
1289	5/17/2012 22:16:33	11.84	49.93	32.60	9.38	8.12	4.3	3.55	106.4
1290	5/17/2012 22:31:33	11.82	49.95	32.61	9.16	8.11	3.2	3.57	103.9
1291	5/17/2012 22:46:33	11.90	49.95	32.61	9.24	8.11	4.0	3.57	105.0
1292	5/17/2012 23:01:33	11.79	49.97	32.63	9.17	8.10	5.3	3.56	103.9
1293	5/17/2012 23:16:33	11.86	49.94	32.60	9.28	8.11	5.4	3.53	105.4
1294	5/17/2012 23:31:33	12.38	47.40	30.79	9.21	8.12	8.0	3.47	104.6
1295	5/17/2012 23:46:33	12.35	47.92	31.16	9.20	8.12	8.3	3.40	104.6
1296	5/18/2012 0:01:33	12.30	47.28	30.70	9.32	8.12	9.6	3.31	105.5
1297	5/18/2012 0:16:33	12.98	46.90	30.45	9.07	8.13	9.0	3.23	104.0
1298	5/18/2012 0:31:33	13.35	47.03	30.55	8.99	8.14	13.3	3.13	104.0
1299	5/18/2012 0:46:33	13.48	47.04	30.57	8.81	8.13	12.7	3.03	102.2
1300	5/18/2012 1:01:33	13.67	46.33	30.06	8.90	8.14	11.6	2.93	103.2
1301	5/18/2012 1:16:33	13.94	46.26	30.02	8.72	8.13	11.2	2.83	101.7
1302	5/18/2012 1:31:33	14.06	46.30	30.05	8.70	8.13	12.5	2.73	101.7
1303	5/18/2012 1:46:33	14.30	46.45	30.17	8.67	8.14	12.5	2.62	102.0
1304	5/18/2012 2:01:33	14.24	46.83	30.44	8.62	8.14	14.7	2.49	101.4
1305	5/18/2012 2:16:33	13.95	46.42	30.13	8.57	8.12	12.4	2.40	100.1
1306	5/18/2012 2:31:33	14.31	46.82	30.43	8.48	8.13	14.6	2.28	99.9
1307	5/18/2012 2:46:33	14.30	46.81	30.43	8.48	8.13	13.7	2.17	99.9
1308	5/18/2012 3:01:33	14.49	46.45	30.17	8.33	8.13	14.6	2.04	98.4
1309	5/18/2012 3:16:33	14.66	46.14	29.95	8.28	8.13	14.4	1.92	98.0
1310	5/18/2012 3:31:33	14.72	45.65	29.60	8.18	8.12	14.7	1.82	96.8
1311	5/18/2012 3:46:33	14.94	45.84	29.74	8.07	8.12	15.3	1.71	96.0
1312	5/18/2012 4:01:33	15.02	47.23	30.74	7.90	8.12	16.1	1.61	94.6
1313	5/18/2012 4:16:33	15.19	46.96	30.55	7.82	8.11	20.9	1.53	93.9
1314	5/18/2012 4:31:33	15.30	45.30	29.36	7.77	8.11	16.3	1.48	92.8
1315	5/18/2012 4:46:33	15.33	46.91	30.52	7.65	8.10	15.9	1.42	92.1
1316	5/18/2012 5:01:33	15.33	45.59	29.57	7.63	8.10	13.9	1.40	91.4
1317	5/18/2012 5:16:33	15.21	47.88	31.22	7.52	8.09	14.2	1.40	90.7
1318	5/18/2012 5:31:33	15.22	47.93	31.26	7.57	8.10	13.9	1.43	91.3
1319	5/18/2012 5:46:33	15.20	47.93	31.26	7.60	8.10	14.6	1.47	91.7
1320	5/18/2012 6:01:33	15.19	47.96	31.28	7.65	8.10	13.4	1.51	92.2
1321	5/18/2012 6:16:33	15.15	47.98	31.29	7.73	8.11	12.5	1.58	93.2
1322	5/18/2012 6:31:33	15.12	46.73	30.39	7.75	8.10	13.0	1.64	92.8
1323	5/18/2012 6:46:33	15.13	46.75	30.40	7.74	8.10	13.0	1.71	92.7
1324	5/18/2012 7:01:33	15.13	47.31	30.81	7.70	8.09	13.3	1.78	92.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1325	5/18/2012 7:16:33	15.13	47.36	30.85	7.62	8.08	13.3	1.85	91.6
1326	5/18/2012 7:31:33	15.08	47.83	31.18	7.66	8.09	13.6	1.92	92.1
1327	5/18/2012 7:46:33	15.05	47.28	30.78	7.70	8.09	13.0	2.00	92.3
1328	5/18/2012 8:01:33	14.83	47.95	31.26	7.75	8.09	13.0	2.08	92.7
1329	5/18/2012 8:16:33	14.62	48.16	31.41	7.94	8.10	11.4	2.15	94.7
1330	5/18/2012 8:31:33	14.48	47.89	31.21	8.06	8.10	11.0	2.25	95.8
1331	5/18/2012 8:46:33	14.37	47.68	31.06	8.18	8.11	10.8	2.32	96.9
1332	5/18/2012 9:01:33	14.31	48.38	31.57	8.24	8.11	9.8	2.41	97.8
1333	5/18/2012 9:16:33	14.18	48.54	31.68	8.39	8.12	10.3	2.50	99.4
1334	5/18/2012 9:31:33	14.14	48.59	31.71	8.44	8.12	9.5	2.57	99.9
1335	5/18/2012 9:46:33	14.06	48.65	31.75	8.48	8.12	10.1	2.65	100.2
1336	5/18/2012 10:01:33	13.77	48.83	31.87	8.52	8.12	9.5	2.72	100.2
1337	5/18/2012 10:16:33	13.67	48.85	31.89	8.54	8.12	9.4	2.78	100.2
1338	5/18/2012 10:31:33	13.49	48.89	31.91	8.65	8.12	9.4	2.85	101.2
1339	5/18/2012 10:46:33	13.33	48.95	31.95	8.74	8.12	9.4	2.90	102.0
1340	5/18/2012 11:01:33	13.23	49.02	31.99	8.77	8.12	7.9	2.96	102.1
1341	5/18/2012 11:16:33	13.14	49.06	32.02	8.79	8.12	6.8	3.00	102.1
1342	5/18/2012 11:31:33	13.08	49.12	32.06	8.72	8.11	5.2	3.04	101.2
1343	5/18/2012 11:46:33	12.72	49.33	32.20	8.80	8.11	5.3	3.07	101.5
1344	5/18/2012 12:01:33	12.57	49.43	32.27	8.79	8.10	3.9	3.08	101.1
1345	5/18/2012 12:16:33	12.85	49.32	32.20	8.75	8.11	4.8	3.08	101.2
1346	5/18/2012 12:31:33	12.68	49.33	32.20	8.72	8.10	5.9	3.06	100.5
1347	5/18/2012 12:46:33	12.93	49.30	32.18	8.77	8.11	6.2	3.03	101.5
Mean		13.57	47.44	30.85	9.20	8.12	13.88	2.55	107.05
Minimum		10.51	43.19	27.81	7.51	7.91	3.20	0.69	83.10
Maximum		16.56	50.17	32.73	10.82	8.25	45.40	4.07	128.40

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	5/18/2012 13:15:49	14.05	47.96	31.25	9.16		10.0	2.87	107.9
1	5/18/2012 13:30:49	14.42	47.67	31.05	9.17		8.2	2.82	108.7
2	5/18/2012 13:45:49	14.49	47.72	31.09	9.12		8.8	2.75	108.4
3	5/18/2012 14:00:49	14.62	47.81	31.16	9.12		8.3	2.67	108.6
4	5/18/2012 14:15:49	14.91	47.68	31.07	9.05		8.6	2.61	108.4
5	5/18/2012 14:30:49	15.08	47.70	31.09	9.09		8.5	2.53	109.3
6	5/18/2012 14:45:49	15.25	47.58	31.00	9.14		9.4	2.47	110.2
7	5/18/2012 15:00:49	15.61	47.43	30.90	9.18		10.0	2.40	111.4
8	5/18/2012 15:15:49	15.94	47.54	30.99	9.30		11.2	2.33	113.6
9	5/18/2012 15:30:49	16.22	47.48	30.95	9.31		9.8	2.27	114.4
10	5/18/2012 15:45:49	16.27	47.37	30.87	9.20		10.0	2.23	113.1
11	5/18/2012 16:00:49	16.39	47.38	30.88	9.19		9.4	2.18	113.2
12	5/18/2012 16:15:49	16.51	47.32	30.84	9.18		9.1	2.15	113.3
13	5/18/2012 16:30:49	16.62	47.37	30.88	9.10		8.3	2.13	112.5
14	5/18/2012 16:45:50	16.55	47.33	30.85	8.73		7.3	2.12	107.9
15	5/18/2012 17:00:49	16.48	47.39	30.89	9.17		9.0	2.14	113.2
16	5/18/2012 17:15:49	16.27	47.41	30.90	9.09		8.1	2.14	111.7
17	5/18/2012 17:30:49	16.36	47.14	30.70	9.19		9.2	2.17	113.0
18	5/18/2012 17:45:49	16.16	47.30	30.82	9.06		7.4	2.22	111.1
19	5/18/2012 18:00:49	15.89	47.31	30.82	8.96		7.4	2.26	109.3
20	5/18/2012 18:15:49	15.76	47.34	30.84	9.07		8.3	2.31	110.3
21	5/18/2012 18:30:49	15.91	47.27	30.79	9.22		8.4	2.37	112.4
22	5/18/2012 18:45:49	15.77	47.35	30.85	9.06		7.3	2.44	110.2
23	5/18/2012 19:00:49	15.50	47.45	30.92	8.93		7.1	2.50	108.1
24	5/18/2012 19:15:49	15.21	47.55	30.98	8.93		7.3	2.57	107.5
25	5/18/2012 19:30:49	14.96	47.77	31.14	8.94		7.5	2.64	107.2
26	5/18/2012 19:45:49	14.74	47.79	31.15	8.86		7.2	2.71	105.8
27	5/18/2012 20:00:49	14.36	47.95	31.26	8.78		9.8	2.79	104.2
28	5/18/2012 20:15:50	13.73	48.18	31.40	8.77		7.6	2.86	102.8
29	5/18/2012 20:30:49	13.59	48.23	31.43	8.82		7.0	2.93	103.1
30	5/18/2012 20:45:49	13.32	48.22	31.42	8.81		6.7	3.01	102.4
31	5/18/2012 21:00:49	13.12	48.43	31.57	8.80		6.2	3.08	102.0
32	5/18/2012 21:15:49	12.92	48.50	31.61	8.91		7.9	3.16	102.8
33	5/18/2012 21:30:50	12.65	48.71	31.75	8.88		6.7	3.24	102.0
34	5/18/2012 21:45:49	12.60	48.73	31.76	8.94		6.4	3.31	102.6
35	5/18/2012 22:00:50	12.49	48.83	31.83	8.97		5.7	3.38	102.7
36	5/18/2012 22:15:49	12.32	48.82	31.81	8.98		5.1	3.45	102.5
37	5/18/2012 22:30:49	12.13	48.93	31.88	8.96		4.8	3.49	101.9
38	5/18/2012 22:45:49	11.83	49.05	31.96	8.99		4.0	3.53	101.6
39	5/18/2012 23:00:49	11.66	49.12	32.00	8.96		3.3	3.57	101.0
40	5/18/2012 23:15:50	12.00	49.03	31.95	8.87		4.8	3.57	100.6
41	5/18/2012 23:30:50	11.67	49.13	32.01	8.81		3.6	3.56	99.2
42	5/18/2012 23:45:50	11.69	49.13	32.01	8.81		4.0	3.52	99.4
43	5/19/2012 0:00:50	12.57	48.71	31.74	8.69		7.3	3.46	99.6
44	5/19/2012 0:15:50	12.66	48.60	31.67	8.75		7.0	3.39	100.4
45	5/19/2012 0:30:50	12.61	48.69	31.73	8.79		7.2	3.30	100.9
46	5/19/2012 0:45:50	12.88	48.48	31.59	8.72		8.6	3.20	100.5
47	5/19/2012 1:00:49	13.47	48.14	31.36	8.58		9.9	3.10	100.0
48	5/19/2012 1:15:49	13.38	48.19	31.40	8.47		8.6	3.01	98.6
49	5/19/2012 1:30:50	13.65	48.14	31.37	8.52		9.0	2.90	99.6
50	5/19/2012 1:45:50	13.92	47.97	31.26	8.47		9.8	2.78	99.5
51	5/19/2012 2:00:50	14.24	47.80	31.14	8.41		10.1	2.67	99.4
52	5/19/2012 2:15:49	14.59	47.62	31.02	8.42		12.3	2.57	100.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	5/19/2012 2:30:49	14.62	47.63	31.03	8.34		11.7	2.46	99.3
54	5/19/2012 2:45:49	14.39	47.73	31.09	8.35		12.3	2.34	98.9
55	5/19/2012 3:00:49	14.67	47.52	30.95	8.42		13.1	2.21	100.3
56	5/19/2012 3:15:49	14.62	47.55	30.97	8.24		13.1	2.09	98.1
57	5/19/2012 3:30:49	14.66	47.48	30.92	8.20		12.3	1.96	97.7
58	5/19/2012 3:45:50	15.05	47.29	30.79	8.10		13.9	1.84	97.1
59	5/19/2012 4:00:50	15.30	47.12	30.67	8.03		14.1	1.71	96.7
60	5/19/2012 4:15:49	15.43	46.99	30.58	7.95		14.5	1.61	96.0
61	5/19/2012 4:30:49	15.56	46.88	30.51	7.85		15.0	1.50	94.9
62	5/19/2012 4:45:49	15.70	46.83	30.47	7.76		15.1	1.41	94.0
63	5/19/2012 5:00:49	15.77	46.80	30.45	7.67		15.1	1.32	93.1
64	5/19/2012 5:15:49	15.81	46.74	30.41	7.60		14.8	1.28	92.2
65	5/19/2012 5:30:49	15.79	46.77	30.43	7.59		13.7	1.26	92.1
66	5/19/2012 5:45:49	15.72	46.83	30.47	7.50		13.7	1.25	91.0
67	5/19/2012 6:00:49	15.68	46.89	30.51	7.55		15.3	1.28	91.5
68	5/19/2012 6:15:49	15.59	46.89	30.51	7.60		16.7	1.32	91.9
69	5/19/2012 6:30:49	15.53	46.93	30.54	7.63		16.9	1.38	92.3
70	5/19/2012 6:45:50	15.49	47.04	30.62	7.70		17.2	1.45	93.0
71	5/19/2012 7:00:49	15.49	46.88	30.51	7.68		15.8	1.50	92.8
72	5/19/2012 7:15:49	15.51	46.84	30.47	7.70		14.4	1.58	93.0
73	5/19/2012 7:30:50	15.54	46.49	30.22	7.69		14.8	1.65	92.8
74	5/19/2012 7:45:50	15.53	46.54	30.26	7.69		13.6	1.71	92.8
75	5/19/2012 8:00:50	15.46	46.85	30.48	7.73		12.2	1.79	93.2
76	5/19/2012 8:15:50	15.41	46.98	30.57	7.72		12.1	1.87	93.2
77	5/19/2012 8:30:50	15.23	47.15	30.70	7.84		13.4	1.94	94.3
78	5/19/2012 8:45:50	14.99	47.31	30.81	7.90		10.6	2.03	94.6
79	5/19/2012 9:00:50	14.80	47.46	30.91	7.95		10.0	2.11	94.9
80	5/19/2012 9:15:50	14.74	47.51	30.94	8.04		10.8	2.21	95.9
81	5/19/2012 9:30:49	14.68	47.42	30.88	8.12		10.6	2.30	96.7
82	5/19/2012 9:45:49	14.51	47.52	30.95	8.23		10.0	2.38	97.7
83	5/19/2012 10:00:49	14.45	47.61	31.01	8.27		9.5	2.47	98.1
84	5/19/2012 10:15:49	14.34	47.77	31.12	8.28		9.2	2.55	98.0
85	5/19/2012 10:30:50	14.18	47.92	31.23	8.26		9.7	2.63	97.6
86	5/19/2012 10:45:50	14.12	47.88	31.20	8.34		8.5	2.70	98.3
87	5/19/2012 11:00:50	13.84	48.00	31.28	8.38		10.1	2.77	98.3
88	5/19/2012 11:15:49	13.63	47.89	31.19	8.46		9.1	2.83	98.8
89	5/19/2012 11:30:50	13.54	48.12	31.35	8.48		8.3	2.89	99.0
90	5/19/2012 11:45:50	13.47	48.16	31.38	8.49		7.2	2.95	98.9
91	5/19/2012 12:00:50	13.27	48.19	31.39	8.53		7.7	3.00	98.9
92	5/19/2012 12:15:50	12.67	48.56	31.64	8.38		5.8	3.03	96.2
93	5/19/2012 12:30:50	12.37	48.66	31.70	8.36		5.1	3.06	95.4
94	5/19/2012 12:45:50	12.36	48.72	31.74	8.24		3.6	3.08	94.0
95	5/19/2012 13:00:50	12.42	48.67	31.71	8.27		5.3	3.07	94.5
96	5/19/2012 13:15:50	12.52	48.59	31.66	8.27		5.1	3.06	94.6
97	5/19/2012 13:30:50	12.91	48.45	31.57	8.42		7.2	3.00	97.1
98	5/19/2012 13:45:50	13.27	48.27	31.45	8.48		7.8	2.95	98.5
99	5/19/2012 14:00:50	14.14	48.04	31.32	8.58		8.7	2.89	101.3
100	5/19/2012 14:15:49	14.27	47.99	31.28	8.55		8.9	2.82	101.2
101	5/19/2012 14:30:49	14.96	47.89	31.23	8.72		8.7	2.75	104.6
102	5/19/2012 14:45:49	15.29	47.94	31.27	8.84		7.4	2.68	106.8
103	5/19/2012 15:00:49	15.20	47.80	31.17	8.82		8.7	2.60	106.3
104	5/19/2012 15:15:50	15.27	47.76	31.14	8.97		9.4	2.54	108.2
105	5/19/2012 15:30:49	15.92	47.80	31.18	9.22		8.9	2.47	112.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	5/19/2012 15:45:49	16.20	47.72	31.12	9.26		8.9	2.40	113.9
107	5/19/2012 16:00:49	16.52	47.67	31.09	9.41		9.0	2.36	116.3
108	5/19/2012 16:15:49	16.87	47.55	31.01	9.41		8.4	2.31	117.1
109	5/19/2012 16:30:49	17.06	47.48	30.96	9.37		7.9	2.25	117.0
110	5/19/2012 16:45:49	17.01	47.40	30.90	9.18		7.6	2.22	114.5
111	5/19/2012 17:00:49	17.24	47.50	30.97	9.24		7.0	2.20	115.8
112	5/19/2012 17:15:49	16.19	47.32	30.83	8.63		6.0	2.19	105.8
113	5/19/2012 17:30:49	16.52	47.44	30.92	9.19		7.3	2.18	113.5
114	5/19/2012 17:45:50	16.88	47.46	30.94	9.22		6.7	2.19	114.8
115	5/19/2012 18:00:50	17.02	47.24	30.79	9.26		7.4	2.22	115.5
116	5/19/2012 18:15:50	16.40	47.55	31.01	9.10		7.5	2.25	112.2
117	5/19/2012 18:30:49	16.20	47.52	30.98	9.04		7.7	2.29	111.1
118	5/19/2012 18:45:49	16.42	47.36	30.86	9.16		7.8	2.34	113.0
119	5/19/2012 19:00:50	16.61	47.33	30.84	9.28		7.6	2.41	114.8
120	5/19/2012 19:15:49	15.80	47.47	30.93	8.82		7.1	2.47	107.4
121	5/19/2012 19:30:49	15.50	47.63	31.05	8.74		6.7	2.53	106.0
122	5/19/2012 19:45:50	15.37	47.71	31.10	8.74		7.0	2.60	105.7
123	5/19/2012 20:00:50	15.38	47.73	31.12	8.92		7.3	2.66	107.9
124	5/19/2012 20:15:50	15.01	47.87	31.21	8.91		7.6	2.74	107.1
125	5/19/2012 20:30:49	14.41	48.02	31.30	8.74		6.6	2.80	103.8
126	5/19/2012 20:45:50	13.75	48.31	31.50	8.50		6.1	2.88	99.7
127	5/19/2012 21:00:50	13.18	48.50	31.61	8.34		6.9	2.96	96.8
128	5/19/2012 21:15:50	12.82	48.72	31.76	8.26		6.6	3.03	95.2
129	5/19/2012 21:30:50	12.67	48.69	31.74	8.19		6.4	3.11	94.1
130	5/19/2012 21:45:50	12.52	48.79	31.80	8.22		5.7	3.19	94.2
131	5/19/2012 22:00:50	12.19	48.85	31.83	8.13		6.1	3.27	92.5
132	5/19/2012 22:15:49	12.09	48.95	31.90	8.13		5.0	3.33	92.4
133	5/19/2012 22:30:50	11.95	49.07	31.98	8.15		4.7	3.40	92.4
134	5/19/2012 22:45:50	11.69	49.18	32.05	8.11		4.8	3.47	91.4
135	5/19/2012 23:00:50	11.49	49.25	32.08	8.00		3.9	3.51	89.8
136	5/19/2012 23:15:50	11.30	49.36	32.16	7.90		3.6	3.55	88.4
137	5/19/2012 23:30:50	11.20	49.35	32.14	7.78		2.9	3.57	86.8
138	5/19/2012 23:45:50	11.42	49.28	32.10	7.81		3.9	3.58	87.6
139	5/20/2012 0:00:50	11.15	49.33	32.13	7.71		3.2	3.56	85.9
140	5/20/2012 0:15:50	11.15	49.38	32.16	7.73		4.9	3.53	86.3
141	5/20/2012 0:30:50	11.68	49.15	32.02	7.84		5.0	3.48	88.3
142	5/20/2012 0:45:50	12.38	48.83	31.83	7.99		6.5	3.42	91.3
143	5/20/2012 1:00:50	12.76	48.67	31.72	8.09		6.4	3.32	93.1
144	5/20/2012 1:15:49	13.17	48.39	31.54	8.10		7.0	3.23	93.9
145	5/20/2012 1:30:49	13.20	48.51	31.62	8.05		8.1	3.13	93.4
146	5/20/2012 1:45:49	13.22	48.47	31.59	8.06		7.7	3.04	93.6
147	5/20/2012 2:00:49	13.47	48.33	31.50	8.07		7.9	2.93	94.1
148	5/20/2012 2:15:49	13.74	48.22	31.43	8.15		8.7	2.82	95.6
149	5/20/2012 2:30:50	13.93	48.17	31.40	8.19		9.4	2.72	96.4
150	5/20/2012 2:45:50	15.02	47.72	31.11	8.24		11.2	2.59	98.9
151	5/20/2012 3:00:49	14.52	47.77	31.13	8.09		9.0	2.48	96.1
152	5/20/2012 3:15:49	14.60	47.81	31.16	8.19		10.2	2.34	97.6
153	5/20/2012 3:30:50	14.79	47.76	31.12	8.28		11.9	2.22	99.0
154	5/20/2012 3:45:49	14.91	47.69	31.08	8.19		11.4	2.10	98.1
155	5/20/2012 4:00:49	15.55	47.42	30.89	8.19		12.7	1.98	99.3
156	5/20/2012 4:15:50	15.44	47.47	30.93	8.06		12.2	1.83	97.5
157	5/20/2012 4:30:50	15.78	47.30	30.81	8.02		12.8	1.70	97.6
158	5/20/2012 4:45:50	15.98	47.21	30.75	7.96		13.9	1.59	97.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	5/20/2012 5:00:50	16.18	47.16	30.71	7.84		13.4	1.47	96.1
160	5/20/2012 5:15:49	16.37	47.04	30.63	7.75		13.6	1.36	95.3
161	5/20/2012 5:30:49	16.48	46.94	30.56	7.65		14.1	1.30	94.3
162	5/20/2012 5:45:49	16.52	46.98	30.59	7.57		13.7	1.24	93.4
163	5/20/2012 6:00:50	16.53	46.93	30.55	7.59		13.6	1.19	93.5
164	5/20/2012 6:15:50	16.37	46.97	30.59	7.40		11.6	1.20	90.9
165	5/20/2012 6:30:49	16.37	46.90	30.53	7.56		13.2	1.21	92.8
166	5/20/2012 6:45:49	16.31	47.05	30.64	7.59		14.1	1.25	93.2
167	5/20/2012 7:00:50	16.27	47.04	30.63	7.67		13.6	1.31	94.1
168	5/20/2012 7:15:50	16.22	47.10	30.67	7.75		13.8	1.36	95.0
169	5/20/2012 7:30:49	16.18	47.05	30.64	7.71		16.5	1.42	94.4
170	5/20/2012 7:45:50	16.17	47.04	30.63	7.72		13.7	1.50	94.5
171	5/20/2012 8:00:49	16.11	47.04	30.63	7.75		13.9	1.57	94.8
172	5/20/2012 8:15:50	16.24	46.61	30.32	7.70		12.8	1.63	94.3
173	5/20/2012 8:30:50	16.06	46.94	30.55	7.77		12.0	1.71	94.9
174	5/20/2012 8:45:49	15.98	46.98	30.58	7.76		12.0	1.79	94.7
175	5/20/2012 9:00:49	15.91	47.06	30.64	7.78		12.8	1.88	94.8
176	5/20/2012 9:15:49	15.56	47.24	30.76	7.86		11.3	1.96	95.2
177	5/20/2012 9:30:50	15.38	47.43	30.90	7.87		9.6	2.06	95.1
178	5/20/2012 9:45:50	15.20	47.50	30.95	7.95		9.9	2.15	95.8
179	5/20/2012 10:00:50	15.10	47.66	31.06	8.12		10.4	2.25	97.6
180	5/20/2012 10:15:50	14.99	47.75	31.12	8.14		8.8	2.34	97.6
181	5/20/2012 10:30:50	14.83	47.79	31.15	8.13		9.8	2.43	97.2
182	5/20/2012 10:45:50	14.59	47.91	31.23	8.06		10.1	2.51	96.0
183	5/20/2012 11:00:49	14.47	47.93	31.25	8.02		9.4	2.60	95.3
184	5/20/2012 11:15:50	14.44	47.99	31.28	8.09		9.5	2.67	96.1
185	5/20/2012 11:30:50	14.10	48.06	31.32	8.09		10.1	2.73	95.4
186	5/20/2012 11:45:50	13.99	48.16	31.39	8.11		9.5	2.81	95.6
187	5/20/2012 12:00:50	13.84	48.18	31.41	8.15		9.2	2.88	95.7
188	5/20/2012 12:15:50	13.73	48.24	31.44	8.11		8.5	2.92	95.1
189	5/20/2012 12:30:50	13.51	48.28	31.47	8.09		7.3	2.98	94.4
190	5/20/2012 12:45:50	12.84	48.64	31.71	7.85		6.5	3.03	90.5
191	5/20/2012 13:00:50	12.57	48.70	31.74	7.84		5.1	3.06	89.9
192	5/20/2012 13:15:49	12.43	48.79	31.80	7.73		3.9	3.09	88.3
193	5/20/2012 13:30:50	12.93	48.73	31.77	7.85		5.2	3.09	90.7
194	5/20/2012 13:45:50	12.51	48.85	31.84	7.63		5.0	3.09	87.4
195	5/20/2012 14:00:50	12.56	48.77	31.79	7.62		5.1	3.06	87.4
196	5/20/2012 14:15:50	13.09	48.50	31.62	7.83		6.3	3.00	90.7
197	5/20/2012 14:30:50	14.01	48.23	31.45	8.12		6.8	2.96	95.8
198	5/20/2012 14:45:50	14.20	48.16	31.40	8.16		6.5	2.89	96.5
199	5/20/2012 15:00:49	15.07	48.03	31.33	8.41		8.2	2.82	101.2
200	5/20/2012 15:15:50	15.08	47.98	31.29	8.45		8.0	2.74	101.7
201	5/20/2012 15:30:50	15.17	47.92	31.25	8.55		10.0	2.67	103.0
202	5/20/2012 15:45:49	15.58	47.82	31.19	8.72		9.2	2.60	105.9
203	5/20/2012 16:00:49	15.65	47.73	31.13	8.75		9.4	2.53	106.4
204	5/20/2012 16:15:49	16.06	47.73	31.13	8.94		8.6	2.47	109.5
205	5/20/2012 16:30:50	16.47	47.69	31.10	9.07		8.7	2.41	112.1
206	5/20/2012 16:45:49	16.96	47.76	31.16	9.39		7.2	2.36	117.2
207	5/20/2012 17:00:49	17.07	47.56	31.02	9.31		7.5	2.31	116.4
208	5/20/2012 17:15:49	16.96	47.44	30.93	8.97		7.2	2.27	111.8
209	5/20/2012 17:30:49	16.86	47.54	31.00	9.01		6.3	2.24	112.0
210	5/20/2012 17:45:49	16.44	47.48	30.95	8.54		5.6	2.24	105.4
211	5/20/2012 18:00:50	17.13	47.44	30.93	9.01		6.6	2.22	112.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	5/20/2012 18:15:49	17.26	47.39	30.90	9.18		6.2	2.23	115.0
213	5/20/2012 18:30:49	17.09	47.47	30.95	9.11		7.7	2.25	113.8
214	5/20/2012 18:45:49	16.57	47.63	31.06	9.02		7.5	2.30	111.6
215	5/20/2012 19:00:50	16.29	47.70	31.11	8.89		7.9	2.35	109.5
216	5/20/2012 19:15:50	16.43	47.58	31.03	8.93		8.4	2.39	110.2
217	5/20/2012 19:30:49	16.53	47.44	30.93	8.99		7.3	2.45	111.0
218	5/20/2012 19:45:49	15.99	47.69	31.10	8.68		8.1	2.52	106.3
219	5/20/2012 20:00:50	15.72	47.81	31.18	8.53		6.5	2.56	103.8
220	5/20/2012 20:15:50	15.69	47.87	31.23	8.57		7.9	2.64	104.4
221	5/20/2012 20:30:50	15.57	47.87	31.22	8.62		7.0	2.70	104.7
222	5/20/2012 20:45:50	14.97	48.05	31.34	8.46		6.7	2.76	101.6
223	5/20/2012 21:00:50	14.62	48.18	31.42	8.33		7.0	2.84	99.4
224	5/20/2012 21:15:49	14.31	48.15	31.40	8.25		6.1	2.90	97.8
225	5/20/2012 21:30:50	13.88	48.44	31.59	8.11		5.9	2.98	95.5
226	5/20/2012 21:45:50	13.42	48.52	31.64	7.95		5.5	3.06	92.7
227	5/20/2012 22:00:49	12.53	48.92	31.89	7.67		5.7	3.13	88.0
228	5/20/2012 22:15:50	12.33	49.02	31.96	7.70		5.7	3.21	88.0
229	5/20/2012 22:30:50	12.26	49.02	31.96	7.69		5.9	3.28	87.7
230	5/20/2012 22:45:50	12.03	49.14	32.03	7.70		4.7	3.36	87.5
231	5/20/2012 23:00:50	11.85	49.21	32.07	7.73		4.9	3.42	87.5
232	5/20/2012 23:15:50	11.72	49.28	32.12	7.71		4.2	3.48	87.0
233	5/20/2012 23:30:50	11.46	49.38	32.18	7.66		3.7	3.53	86.0
234	5/20/2012 23:45:50	11.30	49.37	32.16	7.63		3.2	3.58	85.4
235	5/21/2012 0:00:50	11.19	49.45	32.21	7.58		2.6	3.60	84.7
236	5/21/2012 0:15:50	11.47	49.39	32.18	7.56		3.7	3.61	84.9
237	5/21/2012 0:30:50	11.22	49.43	32.21	7.47		2.9	3.60	83.5
238	5/21/2012 0:45:50	11.16	49.45	32.22	7.54		3.7	3.56	84.2
239	5/21/2012 1:00:50	11.76	49.20	32.06	7.50		4.8	3.51	84.7
240	5/21/2012 1:15:50	12.42	48.99	31.94	7.63		6.1	3.45	87.2
241	5/21/2012 1:30:50	12.64	48.96	31.93	7.70		6.3	3.37	88.5
242	5/21/2012 1:45:50	13.16	48.69	31.75	7.77		7.2	3.27	90.2
243	5/21/2012 2:00:50	13.36	48.67	31.74	7.69		7.2	3.18	89.6
244	5/21/2012 2:15:49	13.59	48.41	31.57	7.74		8.4	3.08	90.5
245	5/21/2012 2:30:49	13.98	48.30	31.50	7.85		7.6	2.96	92.5
246	5/21/2012 2:45:50	13.92	48.37	31.54	7.80		7.8	2.85	91.9
247	5/21/2012 3:00:50	13.72	48.51	31.64	7.82		8.1	2.77	91.7
248	5/21/2012 3:15:49	14.40	48.13	31.38	7.84		8.7	2.63	93.1
249	5/21/2012 3:30:49	14.49	48.11	31.38	7.63		8.8	2.52	90.8
250	5/21/2012 3:45:49	14.77	48.04	31.33	7.73		10.0	2.40	92.5
251	5/21/2012 4:00:49	15.12	47.89	31.23	7.82		10.0	2.29	94.2
252	5/21/2012 4:15:50	15.57	47.74	31.13	7.88		12.2	2.15	95.7
253	5/21/2012 4:30:50	15.65	47.74	31.13	7.65		11.5	2.01	93.0
254	5/21/2012 4:45:50	16.04	47.54	30.99	7.64		12.8	1.87	93.5
255	5/21/2012 5:00:50	16.10	47.50	30.96	7.60		12.0	1.76	93.1
256	5/21/2012 5:15:50	16.37	47.44	30.92	7.58		12.9	1.62	93.4
257	5/21/2012 5:30:50	16.55	47.38	30.88	7.54		13.3	1.51	93.2
258	5/21/2012 5:45:49	16.79	47.25	30.79	7.48		13.5	1.40	92.9
259	5/21/2012 6:00:49	17.02	47.16	30.73	7.37		13.9	1.31	91.9
260	5/21/2012 6:15:49	17.10	47.13	30.71	7.32		14.2	1.25	91.4
261	5/21/2012 6:30:49	17.17	47.13	30.71	7.22		13.5	1.19	90.2
262	5/21/2012 6:45:49	17.21	47.10	30.68	7.19		13.0	1.17	89.9
263	5/21/2012 7:00:49	17.07	47.08	30.67	7.14		12.9	1.18	89.0
264	5/21/2012 7:15:50	16.98	47.20	30.76	7.21		19.4	1.21	89.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	5/21/2012 7:30:50	16.91	47.24	30.79	7.30		15.6	1.26	90.8
266	5/21/2012 7:45:50	16.89	47.24	30.78	7.35		16.2	1.32	91.4
267	5/21/2012 8:00:50	16.88	47.22	30.77	7.46		13.9	1.40	92.8
268	5/21/2012 8:15:49	16.80	47.22	30.77	7.48		12.9	1.47	92.8
269	5/21/2012 8:30:49	16.78	47.12	30.69	7.46		12.4	1.54	92.5
270	5/21/2012 8:45:49	16.73	47.11	30.69	7.41		13.0	1.61	91.8
271	5/21/2012 9:00:49	16.65	47.11	30.69	7.39		12.5	1.68	91.4
272	5/21/2012 9:15:50	16.57	47.19	30.74	7.36		13.7	1.76	90.9
273	5/21/2012 9:30:50	16.49	47.25	30.79	7.37		12.2	1.85	91.0
274	5/21/2012 9:45:49	16.11	47.34	30.85	7.47		12.7	1.93	91.5
275	5/21/2012 10:00:50	15.93	47.50	30.96	7.49		9.5	2.02	91.5
276	5/21/2012 10:15:50	15.66	47.59	31.02	7.55		10.0	2.12	91.8
277	5/21/2012 10:30:50	15.45	47.83	31.19	7.72		10.6	2.22	93.5
278	5/21/2012 10:45:50	15.38	47.93	31.26	7.76		9.8	2.31	93.9
279	5/21/2012 11:00:50	15.33	47.93	31.26	7.81		10.1	2.41	94.5
280	5/21/2012 11:15:50	15.15	48.01	31.31	7.76		9.9	2.50	93.5
281	5/21/2012 11:30:50	14.94	48.05	31.34	7.70		10.0	2.59	92.5
282	5/21/2012 11:45:50	14.68	48.04	31.33	7.73		9.9	2.67	92.2
283	5/21/2012 12:00:50	14.45	48.18	31.42	7.72		10.9	2.74	91.7
284	5/21/2012 12:15:49	14.28	48.20	31.43	7.75		11.2	2.81	91.8
285	5/21/2012 12:30:50	14.09	48.34	31.53	7.80		8.9	2.88	92.1
286	5/21/2012 12:45:50	13.83	48.40	31.57	7.78		8.3	2.94	91.5
287	5/21/2012 13:00:50	13.28	48.65	31.72	7.78		7.8	3.00	90.5
288	5/21/2012 13:15:50	12.81	48.82	31.83	7.75		6.2	3.06	89.3
289	5/21/2012 13:30:50	12.61	48.88	31.87	7.74		6.5	3.10	88.9
290	5/21/2012 13:45:50	12.51	48.99	31.94	7.71		4.8	3.14	88.4
291	5/21/2012 14:00:50	12.46	49.02	31.96	7.58		4.2	3.15	86.8
292	5/21/2012 14:15:50	12.40	49.07	32.00	7.49		3.6	3.16	85.7
293	5/21/2012 14:30:50	12.30	49.03	31.96	7.54		4.4	3.14	86.1
294	5/21/2012 14:45:50	12.80	48.83	31.84	7.61		4.0	3.11	87.7
295	5/21/2012 15:00:50	14.10	48.34	31.53	7.96		6.0	3.06	94.1
296	5/21/2012 15:15:50	14.03	48.37	31.55	7.92		5.9	3.00	93.4
297	5/21/2012 15:30:50	14.42	48.25	31.47	7.92		7.4	2.96	94.2
298	5/21/2012 15:45:49	14.45	48.08	31.35	7.79		9.8	2.88	92.7
299	5/21/2012 16:00:50	14.87	48.08	31.36	7.82		10.2	2.81	93.8
300	5/21/2012 16:15:50	15.33	47.95	31.28	7.96		10.0	2.73	96.3
301	5/21/2012 16:30:50	15.32	47.90	31.24	7.92		9.9	2.66	95.7
302	5/21/2012 16:45:50	15.55	47.80	31.17	7.93		10.4	2.59	96.3
303	5/21/2012 17:00:49	15.78	47.73	31.12	8.11		10.9	2.54	98.9
304	5/21/2012 17:15:49	16.03	47.71	31.12	8.19		10.3	2.48	100.3
305	5/21/2012 17:30:50	16.18	47.62	31.05	8.21		10.0	2.42	100.9
306	5/21/2012 17:45:50	16.31	47.56	31.01	8.09		8.9	2.39	99.6
307	5/21/2012 18:00:50	16.39	47.47	30.95	8.13		9.4	2.36	100.1
308	5/21/2012 18:15:50	16.44	47.43	30.92	8.05		8.4	2.33	99.2
309	5/21/2012 18:30:50	16.44	47.47	30.94	7.78		8.2	2.31	96.0
310	5/21/2012 18:45:50	16.04	46.75	30.42	7.78		8.8	2.31	94.9
311	5/21/2012 19:00:49	16.24	46.61	30.32	7.99		11.5	2.32	97.8
312	5/21/2012 19:15:50	16.11	47.02	30.62	8.04		9.7	2.35	98.3
313	5/21/2012 19:30:50	16.14	46.90	30.53	8.06		9.2	2.38	98.6
314	5/21/2012 19:45:50	16.06	46.78	30.44	8.07		9.3	2.43	98.5
315	5/21/2012 20:00:50	15.92	46.74	30.41	8.05		10.0	2.48	98.0
316	5/21/2012 20:15:50	15.72	46.64	30.33	7.98		7.7	2.54	96.7
317	5/21/2012 20:30:49	15.45	46.51	30.23	7.90		8.2	2.61	95.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	5/21/2012 20:45:50	15.11	46.63	30.32	7.81		8.7	2.68	93.4
319	5/21/2012 21:00:50	14.72	46.81	30.43	7.78		7.5	2.73	92.5
320	5/21/2012 21:15:50	14.25	47.55	30.96	7.77		7.6	2.80	91.8
321	5/21/2012 21:30:50	13.82	47.63	31.01	7.75		8.0	2.88	90.8
322	5/21/2012 21:45:50	13.49	47.89	31.18	7.71		6.8	2.95	89.8
323	5/21/2012 22:00:49	13.19	48.06	31.30	7.69		6.5	3.02	89.1
324	5/21/2012 22:15:50	13.21	48.20	31.40	7.69		6.9	3.10	89.2
325	5/21/2012 22:30:49	12.71	48.43	31.54	7.74		6.6	3.17	88.9
326	5/21/2012 22:45:50	12.35	48.51	31.59	7.82		6.3	3.25	89.2
327	5/21/2012 23:00:50	12.01	48.36	31.47	7.87		5.3	3.32	89.0
328	5/21/2012 23:15:50	11.82	48.39	31.48	7.91		5.1	3.39	89.1
329	5/21/2012 23:30:50	11.60	48.52	31.57	8.05		5.1	3.45	90.4
330	5/21/2012 23:45:50	11.40	48.51	31.54	8.17		4.8	3.51	91.3
331	5/22/2012 0:00:50	11.33	48.43	31.49	8.19		4.0	3.57	91.4
332	5/22/2012 0:15:50	11.23	48.62	31.62	8.23		4.1	3.58	91.7
333	5/22/2012 0:30:50	11.11	48.76	31.71	8.29		3.1	3.62	92.2
334	5/22/2012 0:45:50	11.15	48.77	31.72	8.17		3.1	3.64	90.9
335	5/22/2012 1:00:50	11.20	49.33	32.13	8.14		3.1	3.63	90.9
336	5/22/2012 1:15:50	11.12	49.40	32.17	8.17		2.9	3.60	91.1
337	5/22/2012 1:30:50	11.29	49.25	32.07	8.12		4.8	3.55	90.8
338	5/22/2012 1:45:50	11.79	49.18	32.05	7.85		4.6	3.51	88.8
339	5/22/2012 2:00:50	12.25	49.03	31.96	7.72		7.9	3.44	88.1
340	5/22/2012 2:15:50	12.64	48.85	31.85	7.68		6.8	3.34	88.3
341	5/22/2012 2:30:50	12.93	48.78	31.81	7.58		7.6	3.24	87.6
342	5/22/2012 2:45:50	13.43	48.48	31.61	7.45		7.8	3.14	86.9
343	5/22/2012 3:00:50	13.69	48.40	31.56	7.54		8.3	3.04	88.3
344	5/22/2012 3:15:50	13.70	48.37	31.54	7.57		8.6	2.93	88.7
345	5/22/2012 3:30:50	13.85	48.37	31.55	7.55		8.7	2.81	88.8
346	5/22/2012 3:45:50	14.05	48.35	31.53	7.41		8.1	2.70	87.5
347	5/22/2012 4:00:50	14.50	48.12	31.38	7.41		9.5	2.60	88.1
348	5/22/2012 4:15:50	14.81	48.02	31.32	7.32		10.6	2.47	87.6
349	5/22/2012 4:30:50	14.89	47.97	31.28	7.27		10.3	2.32	87.2
350	5/22/2012 4:45:50	15.18	47.89	31.23	7.32		12.0	2.19	88.3
351	5/22/2012 5:00:50	15.35	47.79	31.16	7.27		11.2	2.09	87.9
352	5/22/2012 5:15:50	15.53	47.73	31.12	7.24		13.2	1.94	87.8
353	5/22/2012 5:30:50	15.81	47.56	31.00	7.15		12.5	1.79	87.2
354	5/22/2012 5:45:49	16.15	47.42	30.90	7.06		13.9	1.67	86.6
355	5/22/2012 6:00:49	16.38	47.31	30.83	7.00		13.9	1.56	86.1
356	5/22/2012 6:15:49	16.61	47.22	30.77	6.89		14.3	1.43	85.1
357	5/22/2012 6:30:50	16.71	47.16	30.73	6.83		15.1	1.32	84.6
358	5/22/2012 6:45:49	16.78	47.11	30.69	6.76		15.5	1.26	83.8
359	5/22/2012 7:00:50	16.83	47.17	30.73	6.76		14.8	1.21	83.9
360	5/22/2012 7:15:50	16.70	47.13	30.70	6.70		13.1	1.18	83.0
361	5/22/2012 7:30:49	16.73	47.11	30.68	6.70		15.7	1.18	83.0
362	5/22/2012 7:45:49	16.61	47.18	30.74	6.72		17.4	1.23	83.1
363	5/22/2012 8:00:50	16.56	47.23	30.78	6.78		16.5	1.29	83.7
364	5/22/2012 8:15:50	16.55	47.26	30.79	6.82		15.3	1.34	84.2
365	5/22/2012 8:30:50	16.58	47.27	30.81	6.85		13.9	1.40	84.6
366	5/22/2012 8:45:50	16.54	47.17	30.73	6.90		12.7	1.48	85.2
367	5/22/2012 9:00:50	16.42	47.18	30.73	6.93		13.8	1.55	85.3
368	5/22/2012 9:15:50	16.41	47.15	30.71	6.90		13.0	1.62	85.0
369	5/22/2012 9:30:50	16.33	47.14	30.71	6.88		13.8	1.68	84.5
370	5/22/2012 9:45:50	16.25	47.18	30.73	6.86		13.1	1.75	84.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	5/22/2012 10:00:50	16.19	47.21	30.75	6.85		12.2	1.84	84.0
372	5/22/2012 10:15:50	16.08	47.30	30.82	6.91		13.1	1.93	84.6
373	5/22/2012 10:30:50	15.74	47.51	30.96	6.98		10.6	2.00	84.9
374	5/22/2012 10:45:50	15.65	47.59	31.02	7.03		9.7	2.10	85.5
375	5/22/2012 11:00:50	15.43	47.77	31.15	7.18		10.2	2.20	86.9
376	5/22/2012 11:15:50	15.34	47.81	31.18	7.24		8.8	2.29	87.5
377	5/22/2012 11:30:50	15.29	47.85	31.20	7.28		8.8	2.38	87.9
378	5/22/2012 11:45:50	15.10	47.94	31.27	7.28		9.6	2.47	87.6
379	5/22/2012 12:00:50	14.93	48.01	31.31	7.27		9.8	2.56	87.2
380	5/22/2012 12:15:50	14.79	48.07	31.35	7.25		8.9	2.64	86.8
381	5/22/2012 12:30:50	14.66	48.06	31.34	7.31		9.4	2.71	87.3
382	5/22/2012 12:45:49	14.35	48.12	31.38	7.37		9.6	2.79	87.4
383	5/22/2012 13:00:50	14.21	48.26	31.48	7.46		8.9	2.85	88.4
384	5/22/2012 13:15:50	14.07	48.33	31.52	7.50		8.5	2.92	88.5
385	5/22/2012 13:30:50	14.01	48.30	31.49	7.58		7.2	2.98	89.4
386	5/22/2012 13:45:50	13.52	48.55	31.66	7.72		7.0	3.03	90.2
387	5/22/2012 14:00:50	13.17	48.64	31.72	7.82		6.1	3.07	90.7
388	5/22/2012 14:15:50	12.95	48.77	31.80	7.94		6.1	3.11	91.8
389	5/22/2012 14:30:50	12.82	48.80	31.82	8.02		4.5	3.14	92.5
390	5/22/2012 14:45:50	13.06	48.58	31.67	7.91		5.3	3.15	91.6
391	5/22/2012 15:00:50	12.77	47.51	30.88	7.99		4.3	3.14	91.5
392	5/22/2012 15:15:50	12.78	47.53	30.90	8.04		4.3	3.11	92.1
393	5/22/2012 15:30:50	12.87	47.48	30.87	7.95		5.3	3.07	91.2
394	5/22/2012 15:45:50	13.76	47.20	30.70	7.73		6.8	3.01	90.2
395	5/22/2012 16:00:50	14.18	47.08	30.62	7.64		6.8	2.95	89.9
396	5/22/2012 16:15:49	14.45	46.87	30.47	7.61		8.6	2.87	90.0
397	5/22/2012 16:30:49	14.89	46.75	30.40	7.70		8.2	2.81	91.8
398	5/22/2012 16:45:50	14.89	46.74	30.39	7.63		8.3	2.73	90.9
399	5/22/2012 17:00:50	15.29	46.66	30.34	7.81		9.0	2.67	93.8
400	5/22/2012 17:15:50	15.46	46.72	30.39	8.30		7.8	2.61	100.1
401	5/22/2012 17:30:49	15.60	46.62	30.32	8.20		7.5	2.56	99.2
402	5/22/2012 17:45:49	15.76	46.56	30.28	8.25		7.9	2.50	100.0
403	5/22/2012 18:00:50	15.83	46.57	30.28	8.22		8.4	2.45	99.8
404	5/22/2012 18:15:49	16.01	45.98	29.86	8.05		7.9	2.40	97.8
405	5/22/2012 18:30:49	16.01	46.08	29.94	8.12		7.6	2.37	98.7
406	5/22/2012 18:45:50	16.15	46.86	30.50	7.86		7.1	2.33	96.2
407	5/22/2012 19:00:50	16.20	46.50	30.24	7.79		7.2	2.32	95.2
408	5/22/2012 19:15:49	16.11	46.34	30.12	7.76		7.3	2.31	94.6
409	5/22/2012 19:30:50	15.99	47.21	30.75	7.75		7.2	2.32	94.7
410	5/22/2012 19:45:50	16.06	47.08	30.65	7.84		8.4	2.35	95.8
411	5/22/2012 20:00:50	16.01	47.13	30.69	7.81		9.2	2.39	95.4
412	5/22/2012 20:15:50	15.95	47.12	30.69	7.76		8.8	2.42	94.6
413	5/22/2012 20:30:50	15.72	47.26	30.78	7.69		7.7	2.48	93.5
414	5/22/2012 20:45:50	15.73	47.15	30.70	7.64		8.1	2.55	92.8
415	5/22/2012 21:00:50	15.36	47.34	30.83	7.59		7.6	2.60	91.6
416	5/22/2012 21:15:50	15.07	47.49	30.93	7.56		7.1	2.67	90.8
417	5/22/2012 21:30:50	14.73	47.95	31.26	7.61		6.7	2.73	90.9
418	5/22/2012 21:45:50	14.34	48.17	31.41	7.68		6.5	2.80	91.1
419	5/22/2012 22:00:50	13.99	48.34	31.53	7.74		6.1	2.87	91.3
420	5/22/2012 22:15:50	13.82	48.36	31.53	7.74		6.2	2.94	91.0
421	5/22/2012 22:30:50	13.60	48.48	31.62	7.82		5.7	3.01	91.5
422	5/22/2012 22:45:50	13.42	48.46	31.60	7.92		5.4	3.08	92.3
423	5/22/2012 23:00:50	13.12	48.65	31.72	8.06		5.2	3.15	93.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	5/22/2012 23:15:50	12.78	48.75	31.78	8.37		5.6	3.22	96.4
425	5/22/2012 23:30:50	12.43	48.77	31.78	8.71		6.3	3.29	99.5
426	5/22/2012 23:45:50	12.15	48.91	31.87	8.89		5.6	3.36	101.1
427	5/23/2012 0:00:50	11.90	48.95	31.89	9.20		4.7	3.43	104.1
428	5/23/2012 0:15:50	11.76	49.03	31.94	9.35		4.7	3.49	105.6
429	5/23/2012 0:30:50	11.68	48.94	31.87	9.47		4.5	3.53	106.6
430	5/23/2012 0:45:50	11.56	48.96	31.88	9.59		3.5	3.58	107.7
431	5/23/2012 1:00:50	11.51	49.03	31.93	9.62		4.0	3.60	107.9
432	5/23/2012 1:15:50	11.96	48.94	31.89	9.18		4.8	3.61	103.9
433	5/23/2012 1:30:50	11.57	49.06	31.95	9.37		2.8	3.60	105.3
434	5/23/2012 1:45:50	11.50	49.08	31.96	9.55		4.2	3.58	107.2
435	5/23/2012 2:00:50	11.54	49.10	31.98	9.51		3.7	3.53	106.8
436	5/23/2012 2:15:50	12.33	48.78	31.79	8.62		5.7	3.48	98.3
437	5/23/2012 2:30:50	12.39	48.86	31.85	8.50		7.3	3.40	97.2
438	5/23/2012 2:45:50	12.22	48.92	31.88	8.64		7.2	3.32	98.5
439	5/23/2012 3:00:50	13.26	48.57	31.67	8.08		8.1	3.23	93.9
440	5/23/2012 3:15:50	13.53	48.39	31.55	7.93		9.2	3.13	92.6
441	5/23/2012 3:30:50	13.54	48.45	31.59	7.87		8.6	3.03	91.9
442	5/23/2012 3:45:50	13.79	48.26	31.46	7.66		10.4	2.93	89.9
443	5/23/2012 4:00:50	14.02	48.23	31.45	7.57		10.1	2.81	89.3
444	5/23/2012 4:15:50	14.45	48.17	31.42	7.34		9.0	2.72	87.2
445	5/23/2012 4:30:50	14.97	47.90	31.23	7.27		10.0	2.60	87.3
446	5/23/2012 4:45:50	14.51	48.12	31.38	7.31		9.3	2.49	87.0
447	5/23/2012 5:00:50	14.83	47.96	31.27	7.33		9.4	2.36	87.8
448	5/23/2012 5:15:50	14.62	48.08	31.35	7.33		9.8	2.23	87.5
449	5/23/2012 5:30:50	14.78	48.00	31.30	7.27		10.1	2.10	87.0
450	5/23/2012 5:45:50	14.71	47.97	31.28	7.23		10.1	1.97	86.4
451	5/23/2012 6:00:50	15.11	47.78	31.15	7.11		10.9	1.82	85.6
452	5/23/2012 6:15:50	15.48	47.62	31.04	6.99		11.9	1.71	84.7
453	5/23/2012 6:30:50	15.60	47.65	31.06	6.92		12.2	1.58	84.0
454	5/23/2012 6:45:50	15.75	47.52	30.97	6.85		14.5	1.45	83.4
455	5/23/2012 7:00:50	15.83	47.54	30.99	6.85		13.2	1.36	83.5
456	5/23/2012 7:15:49	15.88	47.44	30.92	6.83		12.5	1.26	83.3
457	5/23/2012 7:30:49	16.08	47.37	30.87	6.75		13.4	1.21	82.6
458	5/23/2012 7:45:49	16.16	47.33	30.84	6.71		12.7	1.18	82.3
459	5/23/2012 8:00:50	16.35	47.28	30.81	6.59		13.9	1.18	81.1
460	5/23/2012 8:15:50	16.25	47.03	30.63	6.66		13.0	1.24	81.7
461	5/23/2012 8:30:49	16.23	47.19	30.74	6.74		12.4	1.27	82.8
462	5/23/2012 8:45:50	16.12	47.39	30.88	6.67		12.6	1.32	81.8
463	5/23/2012 9:00:50	16.19	47.29	30.81	6.66		12.3	1.37	81.7
464	5/23/2012 9:15:50	16.12	47.34	30.85	6.68		12.3	1.45	81.8
465	5/23/2012 9:30:50	16.10	47.37	30.87	6.63		16.5	1.49	81.2
466	5/23/2012 9:45:50	16.10	47.18	30.73	6.78		13.3	1.57	82.9
467	5/23/2012 10:00:50	16.16	46.89	30.52	6.91		11.6	1.66	84.6
468	5/23/2012 10:15:49	16.15	46.91	30.53	6.85		11.7	1.71	83.8
469	5/23/2012 10:30:50	16.08	47.15	30.71	6.79		11.6	1.80	83.1
470	5/23/2012 10:45:50	15.96	47.19	30.74	6.81		10.9	1.88	83.1
471	5/23/2012 11:00:50	15.59	47.48	30.94	6.84		10.2	1.97	83.0
472	5/23/2012 11:15:50	15.42	47.61	31.03	6.86		9.7	2.05	83.0
473	5/23/2012 11:30:50	15.24	47.68	31.08	6.96		8.4	2.14	83.9
474	5/23/2012 11:45:50	15.17	47.76	31.13	7.07		8.4	2.25	85.1
475	5/23/2012 12:00:50	15.11	47.87	31.22	7.18		8.5	2.34	86.4
476	5/23/2012 12:15:50	15.09	47.73	31.11	7.22		7.5	2.43	86.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	5/23/2012 12:30:50	14.96	47.73	31.11	7.24		8.6	2.51	86.8
478	5/23/2012 12:45:50	14.74	47.82	31.17	7.27		8.1	2.60	86.9
479	5/23/2012 13:00:50	14.64	47.82	31.16	7.34		7.4	2.67	87.5
480	5/23/2012 13:15:50	14.63	47.85	31.19	7.40		7.5	2.74	88.2
481	5/23/2012 13:30:50	14.28	48.16	31.40	7.65		8.4	2.82	90.7
482	5/23/2012 13:45:50	14.14	48.23	31.45	7.75		7.9	2.87	91.6
483	5/23/2012 14:00:50	14.04	48.37	31.55	7.95		7.3	2.93	93.8
484	5/23/2012 14:15:50	13.71	48.51	31.64	8.28		7.0	2.99	97.1
485	5/23/2012 14:30:50	13.40	48.52	31.64	8.77		6.9	3.03	102.2
486	5/23/2012 14:45:50	13.20	48.54	31.64	9.06		5.7	3.07	105.2
487	5/23/2012 15:00:50	13.11	48.66	31.73	9.25		4.9	3.10	107.3
488	5/23/2012 15:15:50	13.06	48.74	31.79	9.33		4.1	3.11	108.0
489	5/23/2012 15:30:50	13.13	48.62	31.70	9.11		4.3	3.12	105.6
490	5/23/2012 15:45:50	13.09	48.65	31.72	9.14		4.5	3.11	105.9
491	5/23/2012 16:00:50	13.18	48.66	31.73	8.95		4.3	3.07	103.9
492	5/23/2012 16:15:50	14.26	48.37	31.56	8.35		6.9	3.01	99.0
493	5/23/2012 16:30:50	14.56	48.37	31.56	8.10		6.7	2.95	96.6
494	5/23/2012 16:45:50	14.80	48.27	31.49	7.96		7.2	2.89	95.4
495	5/23/2012 17:00:50	15.38	48.28	31.52	8.53		7.3	2.83	103.4
496	5/23/2012 17:15:50	15.35	48.31	31.54	8.66		7.1	2.76	104.9
497	5/23/2012 17:30:50	15.49	48.11	31.39	8.70		6.5	2.68	105.6
498	5/23/2012 17:45:49	15.66	48.06	31.36	8.69		7.6	2.63	105.9
499	5/23/2012 18:00:50	15.89	48.09	31.39	8.56		7.3	2.57	104.8
500	5/23/2012 18:15:50	16.17	48.04	31.36	8.60		7.5	2.51	105.8
501	5/23/2012 18:30:50	16.34	48.01	31.34	8.56		8.1	2.46	105.6
502	5/23/2012 18:45:50	16.60	47.90	31.26	8.51		7.4	2.42	105.5
503	5/23/2012 19:00:49	16.75	47.70	31.12	8.46		6.8	2.38	105.1
504	5/23/2012 19:15:49	16.76	47.75	31.15	8.42		6.8	2.36	104.7
505	5/23/2012 19:30:49	16.72	47.68	31.10	8.31		7.4	2.33	103.1
506	5/23/2012 19:45:49	16.68	47.66	31.09	7.81		6.8	2.32	96.8
507	5/23/2012 20:00:49	16.70	47.75	31.15	8.43		7.2	2.33	104.7
508	5/23/2012 20:15:50	16.58	47.84	31.22	8.38		7.0	2.34	103.9
509	5/23/2012 20:30:50	16.95	47.44	30.93	8.22		6.3	2.36	102.4
510	5/23/2012 20:45:50	16.46	47.78	31.17	8.16		7.2	2.42	100.8
511	5/23/2012 21:00:50	16.24	47.90	31.26	7.98		7.8	2.45	98.2
512	5/23/2012 21:15:50	16.20	47.85	31.22	8.01		8.9	2.49	98.6
513	5/23/2012 21:30:50	16.27	47.81	31.19	7.92		6.9	2.57	97.6
514	5/23/2012 21:45:50	16.01	47.84	31.21	7.88		7.0	2.62	96.5
515	5/23/2012 22:00:50	15.70	47.99	31.31	7.86		6.9	2.68	95.7
516	5/23/2012 22:15:50	15.49	48.11	31.39	7.98		6.4	2.75	96.8
517	5/23/2012 22:30:50	15.00	48.14	31.41	8.14		5.5	2.82	97.9
518	5/23/2012 22:45:49	14.39	48.27	31.49	8.46		6.0	2.88	100.5
519	5/23/2012 23:00:50	13.92	48.49	31.63	8.73		5.9	2.93	102.9
520	5/23/2012 23:15:50	13.62	48.52	31.64	8.95		5.4	3.02	104.8
521	5/23/2012 23:30:50	13.54	48.57	31.68	8.99		5.4	3.08	105.1
522	5/23/2012 23:45:50	13.32	48.61	31.70	9.11		5.5	3.13	106.0
523	5/24/2012 0:00:50	13.12	48.71	31.76	9.22		5.4	3.21	106.9
524	5/24/2012 0:15:50	12.80	48.78	31.80	9.53		5.9	3.28	109.8
525	5/24/2012 0:30:50	12.59	48.85	31.85	9.72		5.7	3.35	111.6
526	5/24/2012 0:45:50	12.42	48.81	31.81	9.93		5.7	3.40	113.6
527	5/24/2012 1:00:50	12.28	48.90	31.87	10.06		5.1	3.44	114.7
528	5/24/2012 1:15:50	12.20	48.92	31.88	10.06		4.7	3.49	114.5
529	5/24/2012 1:30:50	12.15	48.88	31.85	10.01		5.0	3.51	113.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
530	5/24/2012 1:45:50	12.12	49.01	31.94	9.97		4.1	3.54	113.4
531	5/24/2012 2:00:50	12.44	48.81	31.81	9.76		5.2	3.55	111.6
532	5/24/2012 2:15:50	12.08	49.02	31.95	9.74		3.4	3.51	110.7
533	5/24/2012 2:30:50	12.02	49.01	31.94	9.90		3.7	3.49	112.3
534	5/24/2012 2:45:50	12.17	48.86	31.84	9.83		4.2	3.46	111.8
535	5/24/2012 3:00:50	13.53	48.53	31.65	8.51		7.5	3.37	99.5
536	5/24/2012 3:15:50	13.37	48.50	31.62	8.73		7.9	3.28	101.6
537	5/24/2012 3:30:50	13.82	48.40	31.57	8.47		8.1	3.22	99.6
538	5/24/2012 3:45:50	13.73	48.50	31.64	8.51		6.8	3.13	99.8
539	5/24/2012 4:00:50	13.93	48.32	31.51	8.25		8.2	3.01	97.1
540	5/24/2012 4:15:50	14.15	48.35	31.54	8.12		7.8	2.92	96.1
541	5/24/2012 4:30:50	14.43	48.18	31.42	7.98		7.9	2.82	94.9
542	5/24/2012 4:45:50	14.60	48.17	31.42	7.75		9.1	2.71	92.5
543	5/24/2012 5:00:50	14.82	48.09	31.37	7.61		9.1	2.61	91.1
544	5/24/2012 5:15:50	15.04	47.96	31.28	7.64		9.3	2.50	91.9
545	5/24/2012 5:30:50	14.88	48.02	31.32	7.69		9.5	2.39	92.2
546	5/24/2012 5:45:50	15.22	47.84	31.20	7.66		10.3	2.26	92.4
547	5/24/2012 6:00:50	15.21	47.92	31.25	7.59		10.8	2.15	91.5
548	5/24/2012 6:15:50	15.33	47.91	31.25	7.58		11.1	2.02	91.6
549	5/24/2012 6:30:50	15.50	47.79	31.16	7.35		10.8	1.89	89.1
550	5/24/2012 6:45:50	15.94	47.57	31.01	7.30		11.7	1.76	89.2
551	5/24/2012 7:00:50	16.14	47.55	31.00	7.23		12.0	1.63	88.6
552	5/24/2012 7:15:50	16.37	47.41	30.90	7.11		12.5	1.52	87.5
553	5/24/2012 7:30:50	16.56	47.33	30.84	7.02		13.2	1.41	86.8
554	5/24/2012 7:45:50	16.65	47.29	30.82	6.97		12.2	1.33	86.3
555	5/24/2012 8:00:49	16.70	47.22	30.76	6.93		11.9	1.28	85.8
556	5/24/2012 8:15:49	16.72	47.21	30.76	6.93		12.3	1.22	85.9
557	5/24/2012 8:30:49	16.66	47.25	30.79	6.95		10.5	1.23	86.0
558	5/24/2012 8:45:50	16.49	47.34	30.85	6.83		10.5	1.24	84.3
559	5/24/2012 9:00:50	16.46	47.33	30.84	6.93		11.9	1.25	85.5
560	5/24/2012 9:15:50	16.41	47.42	30.91	6.90		12.7	1.33	85.0
561	5/24/2012 9:30:50	16.38	47.42	30.91	6.94		13.0	1.36	85.5
562	5/24/2012 9:45:50	16.37	47.40	30.90	6.93		12.3	1.41	85.3
563	5/24/2012 10:00:50	16.33	47.42	30.91	6.95		10.5	1.50	85.5
564	5/24/2012 10:15:50	16.33	47.35	30.86	6.93		10.6	1.55	85.3
565	5/24/2012 10:30:50	16.43	47.01	30.61	7.03		11.7	1.60	86.5
566	5/24/2012 10:45:50	16.44	46.95	30.57	7.06		10.6	1.66	86.9
567	5/24/2012 11:00:50	16.38	47.03	30.63	6.98		10.1	1.76	85.9
568	5/24/2012 11:15:50	16.19	47.39	30.88	6.94		9.2	1.82	85.1
569	5/24/2012 11:30:50	16.19	47.23	30.77	7.12		9.4	1.90	87.3
570	5/24/2012 11:45:50	16.06	47.40	30.89	7.19		8.7	2.00	88.0
571	5/24/2012 12:00:50	15.55	47.75	31.13	7.18		7.6	2.08	87.1
572	5/24/2012 12:15:50	15.42	47.84	31.20	7.32		8.9	2.18	88.6
573	5/24/2012 12:30:50	15.29	47.92	31.25	7.35		7.0	2.26	88.8
574	5/24/2012 12:45:50	15.23	48.00	31.31	7.45		7.6	2.36	90.0
575	5/24/2012 13:00:50	15.17	48.05	31.35	7.51		7.2	2.44	90.6
576	5/24/2012 13:15:50	14.92	48.14	31.40	7.58		8.7	2.52	90.9
577	5/24/2012 13:30:50	14.79	48.05	31.34	7.66		7.3	2.59	91.6
578	5/24/2012 13:45:50	14.77	48.15	31.41	7.72		6.9	2.66	92.4
579	5/24/2012 14:00:50	14.52	48.18	31.42	7.85		7.4	2.73	93.5
580	5/24/2012 14:15:50	14.37	48.26	31.48	8.08		7.7	2.80	96.0
581	5/24/2012 14:30:50	14.23	48.17	31.41	8.34		7.2	2.85	98.7
582	5/24/2012 14:45:50	14.09	48.34	31.53	8.50		6.2	2.90	100.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	5/24/2012 15:00:50	13.95	48.36	31.54	8.58		6.1	2.96	101.1
584	5/24/2012 15:15:50	13.51	48.48	31.61	9.03		5.7	3.01	105.5
585	5/24/2012 15:30:50	13.33	48.56	31.66	9.29		5.2	3.03	108.2
586	5/24/2012 15:45:50	13.29	48.58	31.68	9.32		5.0	3.06	108.4
587	5/24/2012 16:00:50	13.70	48.26	31.46	9.03		5.6	3.08	105.8
588	5/24/2012 16:15:50	13.30	48.71	31.77	9.09		3.6	3.07	105.8
589	5/24/2012 16:30:50	13.29	48.56	31.66	9.20		3.8	3.04	107.0
590	5/24/2012 16:45:50	13.44	48.51	31.63	9.07		5.1	3.00	105.8
591	5/24/2012 17:00:50	14.46	48.22	31.45	8.57		7.0	2.96	102.0
592	5/24/2012 17:15:50	14.44	48.39	31.58	8.97		7.8	2.89	106.7
593	5/24/2012 17:30:50	14.35	48.43	31.60	9.00		7.6	2.84	106.9
594	5/24/2012 17:45:50	14.40	48.38	31.57	8.96		8.4	2.76	106.5
595	5/24/2012 18:00:50	14.56	48.26	31.48	8.87		8.2	2.70	105.8
596	5/24/2012 18:15:50	14.61	48.19	31.44	8.86		10.0	2.64	105.7
597	5/24/2012 18:30:50	14.67	48.28	31.50	8.87		8.9	2.58	106.0
598	5/24/2012 18:45:50	14.88	48.25	31.49	8.66		9.0	2.53	103.9
599	5/24/2012 19:00:50	15.04	48.08	31.36	8.61		8.9	2.48	103.6
600	5/24/2012 19:15:50	15.14	48.04	31.34	8.62		9.2	2.43	103.8
601	5/24/2012 19:30:50	15.56	47.95	31.28	8.37		9.7	2.40	101.7
602	5/24/2012 19:45:50	15.54	47.89	31.24	8.35		9.0	2.36	101.3
603	5/24/2012 20:00:49	15.75	47.66	31.07	8.19		9.4	2.33	99.7
604	5/24/2012 20:15:50	15.76	47.73	31.13	8.15		9.3	2.32	99.3
605	5/24/2012 20:30:50	15.81	47.64	31.06	7.84		8.0	2.32	95.6
606	5/24/2012 20:45:50	15.78	47.70	31.10	7.86		6.3	2.31	95.8
607	5/24/2012 21:00:50	15.67	47.75	31.14	8.09		8.4	2.34	98.4
608	5/24/2012 21:15:50	15.80	47.65	31.07	8.03		7.3	2.38	97.9
609	5/24/2012 21:30:49	15.70	47.72	31.12	7.92		7.2	2.40	96.3
610	5/24/2012 21:45:50	15.54	47.88	31.23	7.93		7.8	2.44	96.2
611	5/24/2012 22:00:50	15.41	47.84	31.20	7.89		7.3	2.48	95.6
612	5/24/2012 22:15:50	15.50	47.86	31.21	8.02		7.5	2.53	97.3
613	5/24/2012 22:30:50	15.39	47.82	31.18	7.97		7.2	2.60	96.5
614	5/24/2012 22:45:50	15.24	47.93	31.26	8.01		6.7	2.65	96.7
615	5/24/2012 23:00:50	14.98	47.99	31.30	8.11		6.7	2.71	97.5
616	5/24/2012 23:15:50	14.72	48.14	31.40	8.24		5.8	2.77	98.5
617	5/24/2012 23:30:50	14.44	48.14	31.39	8.40		5.4	2.82	99.8
618	5/24/2012 23:45:50	14.10	48.39	31.57	8.54		5.2	2.89	101.0
619	5/25/2012 0:00:50	13.44	48.49	31.62	8.84		4.8	2.95	103.1
620	5/25/2012 0:15:50	13.22	48.70	31.76	8.89		4.9	3.02	103.3
621	5/25/2012 0:30:50	12.96	48.76	31.79	8.96		5.0	3.09	103.6
622	5/25/2012 0:45:50	12.72	48.80	31.82	8.97		4.8	3.13	103.2
623	5/25/2012 1:00:50	12.62	48.78	31.80	9.01		4.7	3.19	103.4
624	5/25/2012 1:15:50	12.50	48.85	31.84	9.09		5.0	3.26	104.2
625	5/25/2012 1:30:50	12.50	48.91	31.89	9.10		5.0	3.30	104.3
626	5/25/2012 1:45:50	12.35	48.83	31.82	9.30		4.6	3.35	106.2
627	5/25/2012 2:00:50	12.23	48.96	31.91	9.38		4.3	3.39	106.9
628	5/25/2012 2:15:50	12.17	48.88	31.85	9.36		4.0	3.40	106.5
629	5/25/2012 2:30:50	12.46	48.80	31.80	9.07		5.4	3.41	103.8
630	5/25/2012 2:45:50	12.14	48.98	31.92	9.16		2.8	3.42	104.2
631	5/25/2012 3:00:50	12.14	48.89	31.85	9.20		3.4	3.40	104.6
632	5/25/2012 3:15:50	12.19	48.97	31.92	9.21		3.9	3.36	104.8
633	5/25/2012 3:30:50	12.73	48.77	31.79	8.66		6.5	3.31	99.6
634	5/25/2012 3:45:50	12.44	48.91	31.88	8.83		8.0	3.24	101.0
635	5/25/2012 4:00:50	12.47	48.78	31.79	8.80		6.4	3.16	100.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	5/25/2012 4:15:50	13.05	48.41	31.54	8.52		6.7	3.10	98.5
637	5/25/2012 4:30:50	13.52	48.47	31.61	8.18		7.9	3.00	95.5
638	5/25/2012 4:45:50	13.60	48.25	31.45	8.11		8.1	2.92	94.8
639	5/25/2012 5:00:50	13.83	48.34	31.52	7.95		8.2	2.82	93.4
640	5/25/2012 5:15:50	13.78	48.23	31.44	7.88		9.5	2.73	92.4
641	5/25/2012 5:30:50	13.74	48.31	31.50	7.93		10.0	2.64	93.0
642	5/25/2012 5:45:50	14.51	48.04	31.32	7.72		11.2	2.52	91.9
643	5/25/2012 6:00:50	14.33	48.02	31.30	7.78		9.0	2.41	92.2
644	5/25/2012 6:15:50	14.18	48.09	31.35	7.81		8.9	2.30	92.3
645	5/25/2012 6:30:50	14.38	48.09	31.36	7.72		11.0	2.19	91.7
646	5/25/2012 6:45:50	14.34	48.09	31.35	7.71		9.5	2.09	91.5
647	5/25/2012 7:00:50	14.46	48.02	31.31	7.65		10.5	1.96	91.0
648	5/25/2012 7:15:50	14.54	47.86	31.19	7.59		10.0	1.83	90.3
649	5/25/2012 7:30:50	14.76	47.81	31.16	7.49		10.4	1.73	89.5
650	5/25/2012 7:45:50	14.80	47.80	31.15	7.45		9.5	1.63	89.1
651	5/25/2012 8:00:50	14.91	47.71	31.09	7.41		10.2	1.51	88.7
652	5/25/2012 8:15:50	15.01	47.70	31.09	7.37		9.5	1.43	88.5
653	5/25/2012 8:30:50	15.15	47.66	31.06	7.31		9.2	1.36	87.9
654	5/25/2012 8:45:50	15.32	47.56	30.99	7.17		10.8	1.31	86.5
655	5/25/2012 9:00:50	15.33	47.61	31.03	7.25		10.1	1.28	87.6
656	5/25/2012 9:15:50	15.43	47.51	30.96	7.15		11.2	1.27	86.4
657	5/25/2012 9:30:50	15.26	47.60	31.02	7.20		8.7	1.27	86.9
658	5/25/2012 9:45:50	15.43	47.64	31.05	7.07		9.8	1.30	85.5
659	5/25/2012 10:00:50	15.40	47.63	31.05	7.19		9.5	1.36	87.0
660	5/25/2012 10:15:50	15.39	47.69	31.09	7.14		10.5	1.42	86.3
661	5/25/2012 10:30:50	15.41	47.66	31.07	7.08		10.0	1.46	85.7
662	5/25/2012 10:45:50	15.37	47.62	31.04	7.11		9.4	1.54	85.9
663	5/25/2012 11:00:50	15.33	47.68	31.08	7.08		10.4	1.59	85.5
664	5/25/2012 11:15:50	15.33	47.69	31.08	7.14		10.7	1.67	86.2
665	5/25/2012 11:30:50	15.35	47.49	30.94	7.24		10.6	1.72	87.4
666	5/25/2012 11:45:50	15.31	47.45	30.91	7.20		10.3	1.79	86.8
667	5/25/2012 12:00:50	15.25	47.58	31.00	7.09		8.9	1.89	85.4
668	5/25/2012 12:15:50	15.07	47.75	31.13	7.19		9.8	1.96	86.4
669	5/25/2012 12:30:50	15.08	47.52	30.96	7.46		8.7	2.04	89.6
670	5/25/2012 12:45:50	15.03	47.48	30.93	7.51		7.7	2.13	90.1
671	5/25/2012 13:00:50	14.60	47.90	31.23	7.52		7.6	2.22	89.6
672	5/25/2012 13:15:50	14.53	47.90	31.22	7.59		7.0	2.29	90.3
673	5/25/2012 13:30:50	14.51	48.08	31.35	7.71		6.6	2.38	91.7
674	5/25/2012 13:45:50	14.45	47.97	31.27	7.80		7.7	2.46	92.7
675	5/25/2012 14:00:50	14.42	48.10	31.36	7.80		6.8	2.54	92.7
676	5/25/2012 14:15:50	14.29	48.16	31.40	7.80		6.7	2.61	92.5
677	5/25/2012 14:30:50	14.15	48.10	31.36	7.87		6.7	2.69	93.0
678	5/25/2012 14:45:50	14.03	48.22	31.44	7.91		6.4	2.75	93.3
679	5/25/2012 15:00:50	13.92	48.26	31.47	7.98		6.4	2.81	93.9
680	5/25/2012 15:15:50	13.78	48.18	31.40	8.15		6.4	2.87	95.5
681	5/25/2012 15:30:50	13.57	48.42	31.57	8.27		7.0	2.92	96.7
682	5/25/2012 15:45:50	13.45	48.35	31.52	8.36		5.5	2.96	97.4
683	5/25/2012 16:00:50	13.25	48.59	31.68	8.47		4.6	3.00	98.5
684	5/25/2012 16:15:50	13.12	48.71	31.77	8.55		4.2	3.02	99.2
685	5/25/2012 16:30:50	13.07	48.57	31.66	8.53		3.6	3.04	98.7
686	5/25/2012 16:45:50	13.17	48.57	31.67	8.47		4.3	3.05	98.3
687	5/25/2012 17:00:50	13.18	48.45	31.58	8.34		4.9	3.03	96.8
688	5/25/2012 17:15:50	13.52	48.35	31.52	8.30		6.1	3.01	96.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	5/25/2012 17:30:50	13.70	48.35	31.53	8.44		9.2	2.96	98.9
690	5/25/2012 17:45:50	13.45	48.52	31.64	8.60		9.0	2.92	100.4
691	5/25/2012 18:00:50	13.35	48.44	31.58	8.65		9.3	2.87	100.6
692	5/25/2012 18:15:50	13.33	48.49	31.62	8.60		9.7	2.81	100.1
693	5/25/2012 18:30:50	13.35	48.50	31.62	8.60		10.2	2.74	100.1
694	5/25/2012 18:45:50	13.51	48.38	31.54	8.47		14.6	2.68	98.9
695	5/25/2012 19:00:50	13.56	48.45	31.59	8.51		13.6	2.62	99.4
696	5/25/2012 19:15:50	13.98	48.11	31.36	8.38		19.7	2.57	98.7
697	5/25/2012 19:30:50	14.37	47.92	31.23	8.13		23.3	2.51	96.4
698	5/25/2012 19:45:50	14.43	48.04	31.32	8.07		20.2	2.45	95.9
699	5/25/2012 20:00:50	14.78	47.76	31.13	7.88		22.7	2.41	94.2
700	5/25/2012 20:15:50	14.72	47.78	31.14	7.85		23.2	2.37	93.7
701	5/25/2012 20:30:50	14.86	47.72	31.10	7.83		24.9	2.33	93.7
702	5/25/2012 20:45:50	15.04	47.65	31.05	7.73		28.0	2.30	92.8
703	5/25/2012 21:00:50	15.11	47.55	30.98	7.64		22.8	2.29	91.8
704	5/25/2012 21:15:50	14.99	47.66	31.06	7.69		22.7	2.28	92.2
705	5/25/2012 21:30:50	14.97	47.70	31.09	7.48		19.2	2.29	89.7
706	5/25/2012 21:45:50	15.04	47.70	31.09	7.33		24.9	2.30	88.0
707	5/25/2012 22:00:50	15.04	47.58	31.00	7.61		20.5	2.31	91.4
708	5/25/2012 22:15:50	15.01	47.62	31.03	7.66		19.6	2.35	91.9
709	5/25/2012 22:30:50	15.02	47.64	31.05	7.62		17.3	2.36	91.5
710	5/25/2012 22:45:50	15.09	47.61	31.02	7.61		17.2	2.42	91.4
711	5/25/2012 23:00:50	14.90	47.64	31.04	7.53		18.2	2.47	90.2
712	5/25/2012 23:15:50	14.81	47.60	31.01	7.60		15.1	2.52	90.8
713	5/25/2012 23:30:50	14.88	47.58	31.00	7.63		14.2	2.57	91.2
714	5/25/2012 23:45:50	14.80	47.69	31.08	7.57		15.0	2.64	90.4
715	5/26/2012 0:00:50	14.58	47.82	31.16	7.64		15.8	2.69	91.0
716	5/26/2012 0:15:50	14.43	47.77	31.13	7.77		11.5	2.74	92.2
717	5/26/2012 0:30:49	14.36	47.72	31.09	7.86		10.1	2.82	93.1
718	5/26/2012 0:45:50	14.23	47.90	31.21	7.99		9.5	2.88	94.5
719	5/26/2012 1:00:50	13.73	48.18	31.40	8.08		8.2	2.92	94.6
720	5/26/2012 1:15:50	13.32	48.41	31.56	8.23		7.0	2.98	95.7
721	5/26/2012 1:30:50	13.40	48.25	31.44	8.22		6.9	3.03	95.7
722	5/26/2012 1:45:50	13.26	48.33	31.49	8.24		6.2	3.08	95.7
723	5/26/2012 2:00:50	13.13	48.48	31.60	8.25		6.0	3.13	95.6
724	5/26/2012 2:15:50	12.92	48.60	31.68	8.22		5.7	3.16	94.9
725	5/26/2012 2:30:50	12.73	48.62	31.68	8.26		4.7	3.21	95.0
726	5/26/2012 2:45:50	12.57	48.70	31.74	8.26		4.7	3.24	94.7
727	5/26/2012 3:00:50	12.49	48.82	31.82	8.23		4.7	3.26	94.2
728	5/26/2012 3:15:50	12.79	48.46	31.57	7.98		6.2	3.28	91.7
729	5/26/2012 3:30:50	12.46	48.80	31.80	8.01		4.1	3.28	91.6
730	5/26/2012 3:45:50	12.46	48.86	31.85	8.02		3.7	3.26	91.7
731	5/26/2012 4:00:50	12.46	48.78	31.79	8.12		4.6	3.22	92.9
732	5/26/2012 4:15:50	12.94	48.57	31.66	8.04		7.8	3.17	92.9
733	5/26/2012 4:30:50	13.03	48.51	31.62	8.09		8.2	3.11	93.6
734	5/26/2012 4:45:50	13.36	48.29	31.47	7.97		10.1	3.05	92.7
735	5/26/2012 5:00:50	13.56	48.19	31.40	7.87		9.4	2.97	91.9
736	5/26/2012 5:15:50	13.82	48.08	31.33	7.69		13.4	2.89	90.3
737	5/26/2012 5:30:50	13.99	47.98	31.27	7.55		13.1	2.81	88.9
738	5/26/2012 5:45:50	14.02	47.89	31.20	7.50		14.5	2.73	88.3
739	5/26/2012 6:00:50	14.10	47.91	31.22	7.52		15.3	2.63	88.6
740	5/26/2012 6:15:50	14.18	47.87	31.19	7.53		16.7	2.54	88.9
741	5/26/2012 6:30:50	14.06	47.85	31.17	7.56		17.9	2.44	89.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	5/26/2012 6:45:50	13.98	48.04	31.31	7.55		14.7	2.35	88.8
743	5/26/2012 7:00:50	13.99	47.99	31.27	7.56		15.3	2.23	89.0
744	5/26/2012 7:15:50	14.04	48.03	31.30	7.54		15.6	2.13	88.8
745	5/26/2012 7:30:50	14.12	48.01	31.29	7.53		15.8	2.01	88.9
746	5/26/2012 7:45:50	14.06	47.96	31.25	7.49		14.7	1.90	88.2
747	5/26/2012 8:00:50	14.24	47.93	31.23	7.43		17.2	1.81	87.9
748	5/26/2012 8:15:50	14.26	47.80	31.14	7.42		17.7	1.69	87.7
749	5/26/2012 8:30:50	14.29	47.86	31.19	7.41		15.7	1.61	87.8
750	5/26/2012 8:45:50	14.44	47.75	31.11	7.33		16.9	1.51	87.0
751	5/26/2012 9:00:50	14.42	47.71	31.08	7.37		14.4	1.45	87.4
752	5/26/2012 9:15:50	14.48	47.69	31.07	7.31		13.3	1.40	86.8
753	5/26/2012 9:30:50	14.52	47.75	31.11	7.18		13.0	1.35	85.3
754	5/26/2012 9:45:50	14.53	47.66	31.05	7.26		11.1	1.33	86.2
755	5/26/2012 10:00:50	14.49	47.66	31.04	7.33		13.1	1.34	87.0
756	5/26/2012 10:15:50	14.56	47.68	31.06	7.31		13.4	1.36	86.9
757	5/26/2012 10:30:50	14.65	47.60	31.01	7.29		16.2	1.39	86.8
758	5/26/2012 10:45:50	14.67	47.58	30.99	7.32		16.1	1.43	87.2
759	5/26/2012 11:00:50	14.69	47.60	31.01	7.26		18.4	1.49	86.6
760	5/26/2012 11:15:50	14.71	47.52	30.95	7.23		19.1	1.55	86.2
761	5/26/2012 11:30:50	14.74	47.60	31.01	7.28		18.1	1.59	86.9
762	5/26/2012 11:45:50	14.69	47.35	30.83	7.30		18.3	1.65	86.9
763	5/26/2012 12:00:50	14.66	47.55	30.97	7.22		16.8	1.73	85.9
764	5/26/2012 12:15:50	14.64	47.52	30.95	7.20		17.0	1.80	85.7
765	5/26/2012 12:30:50	14.60	47.50	30.94	7.19		15.9	1.85	85.5
766	5/26/2012 12:45:50	14.57	47.52	30.95	7.16		15.7	1.93	85.2
767	5/26/2012 13:00:50	14.48	47.58	30.99	7.20		16.8	2.02	85.4
768	5/26/2012 13:15:50	14.18	47.75	31.10	7.30		13.8	2.10	86.1
769	5/26/2012 13:30:50	14.10	47.89	31.20	7.38		11.9	2.19	87.0
770	5/26/2012 13:45:50	14.10	47.92	31.23	7.43		12.8	2.27	87.6
771	5/26/2012 14:00:50	13.97	47.94	31.24	7.49		10.8	2.35	88.1
772	5/26/2012 14:15:50	13.96	48.11	31.36	7.58		10.9	2.44	89.2
773	5/26/2012 14:30:50	13.92	48.09	31.34	7.61		10.8	2.51	89.5
774	5/26/2012 14:45:50	13.78	47.99	31.27	7.60		12.2	2.59	89.1
775	5/26/2012 15:00:50	13.69	48.22	31.43	7.62		11.1	2.66	89.2
776	5/26/2012 15:15:50	13.66	48.03	31.29	7.66		11.1	2.73	89.5
777	5/26/2012 15:30:50	13.54	48.18	31.39	7.81		11.0	2.80	91.1
778	5/26/2012 15:45:50	13.37	48.14	31.36	7.93		10.1	2.86	92.2
779	5/26/2012 16:00:50	13.29	48.25	31.44	8.00		9.5	2.91	93.0
780	5/26/2012 16:15:50	13.19	48.38	31.53	8.03		7.3	2.97	93.1
781	5/26/2012 16:30:50	13.02	48.39	31.53	8.07		7.2	3.01	93.3
782	5/26/2012 16:45:50	12.71	48.40	31.53	8.17		6.5	3.05	93.8
783	5/26/2012 17:00:50	12.61	48.45	31.56	8.14		5.9	3.08	93.3
784	5/26/2012 17:15:50	12.56	48.56	31.64	8.17		5.5	3.10	93.6
785	5/26/2012 17:30:50	12.70	48.59	31.66	7.87		4.5	3.09	90.4
786	5/26/2012 17:45:50	12.58	48.48	31.58	7.98		4.3	3.08	91.4
787	5/26/2012 18:00:50	12.60	48.54	31.62	7.98		4.6	3.06	91.5
788	5/26/2012 18:15:50	12.77	48.54	31.63	7.95		5.7	3.01	91.5
789	5/26/2012 18:30:50	13.12	48.43	31.56	7.91		6.0	2.96	91.7
790	5/26/2012 18:45:50	13.38	48.13	31.35	7.86		8.1	2.89	91.4
791	5/26/2012 19:00:50	13.62	48.21	31.42	7.93		8.4	2.84	92.7
792	5/26/2012 19:15:50	13.58	48.02	31.28	8.06		7.2	2.78	94.1
793	5/26/2012 19:30:50	13.53	48.23	31.43	8.17		7.8	2.70	95.3
794	5/26/2012 19:45:50	13.53	48.14	31.37	8.21		8.0	2.64	95.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	5/26/2012 20:00:50	13.62	48.28	31.47	8.15		9.8	2.60	95.3
796	5/26/2012 20:15:50	13.67	48.15	31.38	8.13		10.6	2.53	95.1
797	5/26/2012 20:30:50	13.82	48.10	31.35	8.07		10.6	2.47	94.7
798	5/26/2012 20:45:50	13.90	47.96	31.25	8.07		11.2	2.43	94.7
799	5/26/2012 21:00:50	14.09	47.88	31.19	7.94		10.4	2.38	93.6
800	5/26/2012 21:15:50	14.10	47.86	31.18	7.80		10.7	2.33	92.0
801	5/26/2012 21:30:50	14.31	47.72	31.09	7.70		10.0	2.31	91.1
802	5/26/2012 21:45:50	14.30	47.67	31.05	7.73		11.2	2.28	91.5
803	5/26/2012 22:00:50	14.34	47.76	31.11	7.54		9.5	2.27	89.3
804	5/26/2012 22:15:50	14.37	47.77	31.12	7.51		10.0	2.27	88.9
805	5/26/2012 22:30:50	14.38	47.76	31.12	7.52		9.0	2.25	89.1
806	5/26/2012 22:45:50	14.30	47.82	31.15	7.61		10.0	2.28	90.1
807	5/26/2012 23:00:50	14.28	47.80	31.14	7.60		10.2	2.30	89.9
808	5/26/2012 23:15:50	14.28	47.83	31.16	7.64		10.1	2.32	90.4
809	5/26/2012 23:30:50	14.26	47.87	31.19	7.61		9.5	2.36	90.0
810	5/26/2012 23:45:50	14.18	47.86	31.19	7.58		10.1	2.40	89.6
811	5/27/2012 0:00:50	14.16	47.87	31.19	7.60		11.1	2.44	89.8
812	5/27/2012 0:15:50	14.20	47.82	31.15	7.67		9.7	2.49	90.6
813	5/27/2012 0:30:50	14.17	47.89	31.20	7.64		9.7	2.54	90.2
814	5/27/2012 0:45:50	14.11	47.79	31.13	7.61		9.1	2.59	89.7
815	5/27/2012 1:00:50	14.02	47.99	31.28	7.69		8.9	2.64	90.6
816	5/27/2012 1:15:50	13.85	48.02	31.29	7.69		7.8	2.69	90.3
817	5/27/2012 1:30:50	13.68	47.98	31.26	7.69		6.5	2.74	89.9
818	5/27/2012 1:45:50	13.52	48.29	31.48	7.72		6.2	2.80	90.1
819	5/27/2012 2:00:50	13.40	48.24	31.44	7.72		5.5	2.84	89.9
820	5/27/2012 2:15:50	13.15	48.36	31.51	7.71		5.7	2.89	89.3
821	5/27/2012 2:30:50	12.91	48.41	31.54	7.74		5.0	2.94	89.2
822	5/27/2012 2:45:50	12.70	48.49	31.59	7.73		5.0	2.98	88.8
823	5/27/2012 3:00:50	12.45	48.56	31.63	7.68		5.1	3.03	87.7
824	5/27/2012 3:15:50	12.59	48.46	31.57	7.75		4.7	3.07	88.8
825	5/27/2012 3:30:50	12.46	48.70	31.73	7.73		4.3	3.10	88.4
826	5/27/2012 3:45:50	12.31	48.76	31.77	7.64		4.7	3.14	87.1
827	5/27/2012 4:00:50	12.14	48.65	31.68	7.55		3.7	3.14	85.7
828	5/27/2012 4:15:50	12.11	48.70	31.72	7.37		4.2	3.15	83.7
829	5/27/2012 4:30:50	12.10	48.69	31.71	7.28		6.1	3.17	82.6
830	5/27/2012 4:45:50	12.09	48.73	31.74	7.34		4.7	3.13	83.3
831	5/27/2012 5:00:50	12.13	48.71	31.73	7.42		16.3	3.09	84.3
832	5/27/2012 5:15:50	12.48	48.75	31.77	7.42		4.9	3.05	84.9
833	5/27/2012 5:30:50	12.98	48.44	31.56	7.50		7.7	2.98	86.7
834	5/27/2012 5:45:50	13.28	48.32	31.49	7.46		9.0	2.92	86.6
835	5/27/2012 6:00:50	13.24	48.22	31.41	7.47		8.4	2.84	86.6
836	5/27/2012 6:15:50	13.39	48.08	31.32	7.40		8.3	2.75	86.0
837	5/27/2012 6:30:50	13.56	48.10	31.34	7.29		8.9	2.68	85.0
838	5/27/2012 6:45:50	13.66	48.15	31.38	7.21		8.7	2.60	84.4
839	5/27/2012 7:00:50	13.70	47.97	31.25	7.17		8.2	2.51	83.9
840	5/27/2012 7:15:50	13.83	48.03	31.30	7.21		10.8	2.41	84.6
841	5/27/2012 7:30:50	13.79	47.88	31.18	7.24		9.2	2.32	84.8
842	5/27/2012 7:45:50	13.93	47.94	31.24	7.26		10.3	2.23	85.3
843	5/27/2012 8:00:50	13.85	47.93	31.23	7.29		9.2	2.13	85.6
844	5/27/2012 8:15:50	13.95	47.94	31.24	7.27		8.8	2.03	85.5
845	5/27/2012 8:30:50	13.81	47.74	31.09	7.37		8.8	1.92	86.4
846	5/27/2012 8:45:50	13.94	47.93	31.23	7.42		8.7	1.84	87.3
847	5/27/2012 9:00:50	14.08	47.79	31.13	7.40		9.0	1.75	87.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	5/27/2012 9:15:50	14.15	47.86	31.18	7.44		9.2	1.67	87.8
849	5/27/2012 9:30:50	14.26	47.79	31.13	7.36		9.3	1.60	87.0
850	5/27/2012 9:45:50	14.34	47.79	31.14	7.32		9.5	1.53	86.7
851	5/27/2012 10:00:50	14.42	47.74	31.10	7.32		10.4	1.50	86.8
852	5/27/2012 10:15:50	14.48	47.59	31.00	7.29		9.6	1.47	86.5
853	5/27/2012 10:30:50	14.55	47.62	31.02	7.31		10.8	1.44	87.0
854	5/27/2012 10:45:50	14.56	47.72	31.09	7.34		9.0	1.46	87.3
855	5/27/2012 11:00:50	14.47	47.59	30.99	7.37		9.0	1.48	87.5
856	5/27/2012 11:15:50	14.47	47.71	31.08	7.30		8.7	1.49	86.7
857	5/27/2012 11:30:50	14.53	47.65	31.04	7.36		9.7	1.52	87.4
858	5/27/2012 11:45:50	14.45	47.70	31.07	7.33		9.0	1.59	86.9
859	5/27/2012 12:00:50	14.42	47.57	30.98	7.28		9.8	1.62	86.3
860	5/27/2012 12:15:50	14.81	47.56	30.98	7.40		10.8	1.67	88.4
861	5/27/2012 12:30:50	14.73	47.28	30.78	7.40		10.8	1.73	88.1
862	5/27/2012 12:45:50	14.65	47.20	30.72	7.46		10.9	1.79	88.7
863	5/27/2012 13:00:50	14.56	47.16	30.69	7.43		11.1	1.85	88.1
864	5/27/2012 13:15:50	14.57	47.27	30.76	7.30		9.8	1.93	86.6
865	5/27/2012 13:30:50	14.50	47.54	30.96	7.26		8.9	2.01	86.2
866	5/27/2012 13:45:50	14.29	47.66	31.04	7.15		9.0	2.09	84.6
867	5/27/2012 14:00:50	14.11	47.75	31.10	7.15		8.6	2.16	84.2
868	5/27/2012 14:15:50	14.02	47.91	31.21	7.19		7.8	2.25	84.7
869	5/27/2012 14:30:50	13.89	48.00	31.27	7.30		8.3	2.34	85.7
870	5/27/2012 14:45:50	13.88	47.94	31.23	7.34		8.3	2.42	86.2
871	5/27/2012 15:00:50	13.98	48.01	31.29	7.40		7.7	2.50	87.0
872	5/27/2012 15:15:50	13.96	47.95	31.24	7.47		7.4	2.57	87.8
873	5/27/2012 15:30:49	13.83	48.03	31.29	7.45		7.5	2.66	87.4
874	5/27/2012 15:45:50	13.81	48.10	31.35	7.48		7.7	2.72	87.7
875	5/27/2012 16:00:50	13.66	48.12	31.35	7.46		6.9	2.78	87.2
876	5/27/2012 16:15:50	13.42	48.24	31.44	7.51		8.2	2.86	87.4
877	5/27/2012 16:30:50	13.24	48.24	31.43	7.61		7.2	2.92	88.3
878	5/27/2012 16:45:50	13.14	48.40	31.54	7.63		6.8	2.97	88.4
879	5/27/2012 17:00:50	13.11	48.49	31.61	7.65		5.5	3.03	88.6
880	5/27/2012 17:15:50	13.01	48.38	31.52	7.64		5.2	3.08	88.3
881	5/27/2012 17:30:49	12.74	48.58	31.66	7.61		4.5	3.12	87.5
882	5/27/2012 17:45:50	12.55	48.57	31.64	7.58		4.3	3.15	86.8
883	5/27/2012 18:00:50	12.26	48.70	31.72	7.51		3.7	3.17	85.6
884	5/27/2012 18:15:50	12.63	48.55	31.63	7.48		3.7	3.17	85.8
885	5/27/2012 18:30:50	12.22	48.89	31.86	7.28		3.3	3.16	83.0
886	5/27/2012 18:45:50	12.32	48.67	31.70	7.39		4.3	3.13	84.2
887	5/27/2012 19:00:50	12.58	48.59	31.66	7.36		5.6	3.09	84.4
888	5/27/2012 19:15:50	13.22	48.39	31.54	7.47		5.9	3.04	86.7
889	5/27/2012 19:30:50	13.78	48.29	31.49	7.58		7.7	2.97	88.9
890	5/27/2012 19:45:50	13.68	48.26	31.46	7.59		6.3	2.91	88.9
891	5/27/2012 20:00:50	13.63	48.40	31.56	7.65		5.8	2.83	89.6
892	5/27/2012 20:15:50	14.02	48.16	31.40	7.69		6.2	2.76	90.6
893	5/27/2012 20:30:50	14.17	48.21	31.43	7.69		6.7	2.70	90.9
894	5/27/2012 20:45:50	14.16	48.20	31.43	7.75		7.3	2.63	91.6
895	5/27/2012 21:00:50	14.02	48.26	31.47	7.78		6.4	2.56	91.8
896	5/27/2012 21:15:50	14.21	48.16	31.40	7.81		6.8	2.51	92.4
897	5/27/2012 21:30:50	14.25	48.13	31.38	7.75		6.5	2.45	91.8
898	5/27/2012 21:45:49	14.21	47.99	31.28	7.76		6.8	2.39	91.7
899	5/27/2012 22:00:50	14.73	47.80	31.15	7.73		6.8	2.35	92.3
900	5/27/2012 22:15:50	14.95	47.77	31.14	7.73		7.0	2.30	92.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	5/27/2012 22:30:50	14.97	47.70	31.09	7.70		6.7	2.26	92.3
902	5/27/2012 22:45:50	15.01	47.71	31.09	7.69		6.4	2.23	92.3
903	5/27/2012 23:00:50	15.15	47.58	31.00	7.81		7.5	2.21	93.9
904	5/27/2012 23:15:50	15.14	47.69	31.09	7.67		6.4	2.18	92.3
905	5/27/2012 23:30:50	15.01	47.65	31.05	7.60		6.7	2.18	91.2
906	5/27/2012 23:45:50	14.92	47.71	31.09	7.61		5.6	2.18	91.2
907	5/28/2012 0:00:50	14.87	47.71	31.09	7.67		6.3	2.21	91.8
908	5/28/2012 0:15:50	14.87	47.72	31.10	7.67		7.7	2.24	91.8
909	5/28/2012 0:30:50	14.93	47.71	31.09	7.70		6.8	2.26	92.3
910	5/28/2012 0:45:50	14.88	47.85	31.19	7.65		7.6	2.30	91.6
911	5/28/2012 1:00:50	14.76	47.94	31.25	7.62		7.1	2.35	91.1
912	5/28/2012 1:15:50	14.81	47.69	31.08	7.62		6.6	2.40	91.1
913	5/28/2012 1:30:50	14.75	47.86	31.20	7.59		6.3	2.43	90.6
914	5/28/2012 1:45:50	14.62	47.93	31.25	7.59		6.4	2.50	90.5
915	5/28/2012 2:00:50	14.49	47.86	31.19	7.56		6.2	2.55	89.9
916	5/28/2012 2:15:50	14.21	48.09	31.35	7.51		6.0	2.59	88.8
917	5/28/2012 2:30:50	14.11	48.10	31.36	7.45		5.7	2.64	87.9
918	5/28/2012 2:45:50	13.96	48.12	31.37	7.42		5.3	2.69	87.3
919	5/28/2012 3:00:50	13.70	48.26	31.46	7.38		4.9	2.75	86.5
920	5/28/2012 3:15:50	13.46	48.26	31.45	7.33		5.0	2.78	85.5
921	5/28/2012 3:30:50	13.25	48.33	31.49	7.34		5.0	2.83	85.2
922	5/28/2012 3:45:50	13.05	48.52	31.62	7.30		5.0	2.88	84.4
923	5/28/2012 4:00:50	12.92	48.59	31.67	7.32		4.5	2.92	84.5
924	5/28/2012 4:15:50	12.86	48.63	31.70	7.30		4.8	2.96	84.1
925	5/28/2012 4:30:50	12.78	48.50	31.60	7.26		4.3	2.99	83.5
926	5/28/2012 4:45:50	12.65	48.45	31.56	7.21		4.0	3.02	82.6
927	5/28/2012 5:00:50	12.58	48.61	31.67	7.20		3.8	3.05	82.5
928	5/28/2012 5:15:50	12.54	48.65	31.70	6.99		3.9	3.05	80.1
929	5/28/2012 5:30:50	12.74	48.69	31.74	6.93		4.3	3.05	79.7
930	5/28/2012 5:45:50	12.69	48.71	31.75	6.96		4.0	3.05	80.0
931	5/28/2012 6:00:50	12.64	48.74	31.77	7.06		4.3	3.02	81.0
932	5/28/2012 6:15:50	12.78	48.69	31.74	7.11		4.9	2.97	81.9
933	5/28/2012 6:30:50	13.06	48.52	31.62	7.20		5.4	2.91	83.3
934	5/28/2012 6:45:50	13.49	48.27	31.46	7.19		5.6	2.86	83.8
935	5/28/2012 7:00:50	13.63	48.33	31.50	7.20		6.5	2.79	84.3
936	5/28/2012 7:15:50	13.63	48.09	31.33	7.23		6.7	2.71	84.5
937	5/28/2012 7:30:50	13.67	48.18	31.40	7.23		5.9	2.65	84.7
938	5/28/2012 7:45:50	13.78	48.25	31.45	7.24		6.3	2.56	85.0
939	5/28/2012 8:00:50	13.84	48.19	31.41	7.26		6.6	2.48	85.3
940	5/28/2012 8:15:50	13.89	48.00	31.28	7.35		7.1	2.41	86.3
941	5/28/2012 8:30:50	13.88	48.09	31.34	7.42		7.0	2.31	87.2
942	5/28/2012 8:45:50	14.03	47.96	31.25	7.58		7.5	2.23	89.2
943	5/28/2012 9:00:50	14.24	48.05	31.32	7.63		8.1	2.14	90.3
944	5/28/2012 9:15:50	14.28	48.07	31.34	7.72		8.6	2.05	91.5
945	5/28/2012 9:30:50	14.47	47.97	31.27	7.68		9.2	1.97	91.2
946	5/28/2012 9:45:50	14.36	48.02	31.31	7.87		10.5	1.89	93.3
947	5/28/2012 10:00:50	14.51	47.90	31.22	7.71		8.7	1.83	91.7
948	5/28/2012 10:15:50	14.65	47.98	31.28	7.82		9.5	1.75	93.3
949	5/28/2012 10:30:50	14.78	47.99	31.30	7.74		9.9	1.68	92.6
950	5/28/2012 10:45:50	14.84	47.73	31.11	7.72		9.5	1.65	92.4
951	5/28/2012 11:00:50	14.87	47.74	31.12	7.66		8.8	1.62	91.7
952	5/28/2012 11:15:50	15.01	47.76	31.13	7.66		10.1	1.60	92.0
953	5/28/2012 11:30:50	15.07	47.69	31.08	7.54		7.9	1.58	90.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	5/28/2012 11:45:50	15.08	47.74	31.12	7.69		8.8	1.61	92.5
955	5/28/2012 12:00:50	15.17	47.70	31.09	7.57		8.6	1.62	91.1
956	5/28/2012 12:15:50	15.19	47.77	31.14	7.58		8.3	1.64	91.3
957	5/28/2012 12:30:50	15.10	47.77	31.14	7.65		8.1	1.70	92.1
958	5/28/2012 12:45:50	15.23	47.69	31.09	7.56		8.1	1.73	91.1
959	5/28/2012 13:00:50	15.08	47.80	31.16	7.48		7.9	1.78	89.9
960	5/28/2012 13:15:50	15.11	47.68	31.07	7.51		8.2	1.85	90.4
961	5/28/2012 13:30:50	15.01	47.69	31.08	7.45		8.0	1.89	89.4
962	5/28/2012 13:45:50	15.43	47.62	31.04	7.69		8.6	1.97	93.0
963	5/28/2012 14:00:50	15.45	47.38	30.86	7.67		7.8	2.04	92.8
964	5/28/2012 14:15:50	15.39	47.51	30.95	7.61		8.2	2.12	92.0
965	5/28/2012 14:30:50	15.31	47.49	30.94	7.54		7.3	2.19	91.0
966	5/28/2012 14:45:50	15.47	47.50	30.95	7.69		7.5	2.27	93.0
967	5/28/2012 15:00:50	14.88	47.76	31.13	7.43		6.6	2.36	88.9
968	5/28/2012 15:15:50	14.36	47.92	31.23	7.28		6.2	2.43	86.3
969	5/28/2012 15:30:50	14.20	48.08	31.35	7.29		6.5	2.52	86.2
970	5/28/2012 15:45:50	14.08	48.10	31.35	7.29		7.3	2.59	86.0
971	5/28/2012 16:00:50	13.94	48.07	31.33	7.28		7.2	2.66	85.6
972	5/28/2012 16:15:50	13.86	48.23	31.44	7.29		7.3	2.74	85.7
973	5/28/2012 16:30:50	13.71	48.10	31.35	7.28		6.5	2.82	85.2
974	5/28/2012 16:45:50	13.77	48.29	31.48	7.41		7.2	2.90	86.9
975	5/28/2012 17:00:50	13.42	48.34	31.51	7.42		7.1	2.95	86.5
976	5/28/2012 17:15:50	13.06	48.52	31.63	7.41		6.7	3.03	85.8
977	5/28/2012 17:30:50	12.93	48.58	31.66	7.44		5.4	3.09	85.9
978	5/28/2012 17:45:50	12.81	48.34	31.49	7.48		5.5	3.14	86.0
979	5/28/2012 18:00:50	12.70	48.68	31.73	7.46		4.1	3.19	85.7
980	5/28/2012 18:15:50	12.29	48.76	31.77	7.39		3.9	3.24	84.2
981	5/28/2012 18:30:50	12.10	48.73	31.74	7.34		3.2	3.27	83.4
982	5/28/2012 18:45:50	12.04	48.98	31.91	7.22		3.2	3.29	81.9
983	5/28/2012 19:00:50	12.21	48.93	31.89	7.26		4.6	3.30	82.6
984	5/28/2012 19:15:50	12.08	48.99	31.93	7.29		3.4	3.29	82.8
985	5/28/2012 19:30:50	12.22	48.84	31.82	7.21		3.9	3.25	82.0
986	5/28/2012 19:45:50	13.06	48.59	31.67	7.67		8.2	3.21	88.8
987	5/28/2012 20:00:50	12.91	48.56	31.65	7.89		8.4	3.16	91.1
988	5/28/2012 20:15:50	12.77	48.55	31.64	7.84		8.6	3.10	90.2
989	5/28/2012 20:30:50	12.68	48.66	31.71	7.80		8.7	3.02	89.6
990	5/28/2012 20:45:50	12.64	48.70	31.74	7.74		9.5	2.94	88.9
991	5/28/2012 21:00:50	12.87	48.65	31.71	7.72		15.3	2.88	89.1
992	5/28/2012 21:15:50	12.76	48.65	31.71	7.71		12.5	2.79	88.7
993	5/28/2012 21:30:50	13.23	48.45	31.58	7.72		12.3	2.73	89.6
994	5/28/2012 21:45:50	13.29	48.46	31.59	7.75		14.4	2.66	90.1
995	5/28/2012 22:00:50	13.65	48.23	31.44	7.77		18.0	2.58	90.9
996	5/28/2012 22:15:50	14.08	47.98	31.26	7.77		17.6	2.52	91.6
997	5/28/2012 22:30:50	13.71	48.09	31.34	7.82		15.9	2.44	91.6
998	5/28/2012 22:45:50	14.19	48.04	31.31	7.77		15.9	2.38	91.9
999	5/28/2012 23:00:50	14.50	47.99	31.29	7.75		18.5	2.32	92.2
1000	5/28/2012 23:15:50	14.68	47.95	31.26	7.75		21.4	2.25	92.5
1001	5/28/2012 23:30:50	14.71	47.77	31.13	7.77		21.4	2.19	92.7
1002	5/28/2012 23:45:50	14.89	47.69	31.07	7.74		22.6	2.15	92.7
1003	5/29/2012 0:00:50	14.89	47.69	31.08	7.71		21.5	2.11	92.3
1004	5/29/2012 0:15:50	14.97	47.78	31.14	7.70		20.7	2.08	92.3
1005	5/29/2012 0:30:50	14.93	47.84	31.19	7.62		16.3	2.06	91.3
1006	5/29/2012 0:45:50	15.01	47.77	31.14	7.64		17.7	2.06	91.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1007	5/29/2012 1:00:50	14.95	47.82	31.18	7.61		16.8	2.07	91.3
1008	5/29/2012 1:15:50	14.86	47.65	31.05	7.60		19.8	2.08	90.9
1009	5/29/2012 1:30:50	14.83	47.80	31.15	7.57		16.1	2.10	90.6
1010	5/29/2012 1:45:50	14.84	47.85	31.19	7.58		17.8	2.16	90.7
1011	5/29/2012 2:00:50	14.83	47.72	31.10	7.57		18.1	2.21	90.6
1012	5/29/2012 2:15:50	14.98	47.59	31.01	7.63		15.8	2.25	91.5
1013	5/29/2012 2:30:50	14.89	47.60	31.01	7.60		15.1	2.31	91.0
1014	5/29/2012 2:45:50	14.83	47.60	31.01	7.56		15.5	2.37	90.3
1015	5/29/2012 3:00:50	14.73	47.70	31.08	7.53		14.3	2.42	89.9
1016	5/29/2012 3:15:50	14.40	47.77	31.12	7.49		14.1	2.48	88.8
1017	5/29/2012 3:30:50	14.27	47.90	31.22	7.44		9.8	2.53	88.0
1018	5/29/2012 3:45:50	14.00	48.05	31.31	7.40		9.0	2.57	87.2
1019	5/29/2012 4:00:50	13.78	48.11	31.35	7.38		7.9	2.63	86.6
1020	5/29/2012 4:15:50	13.57	48.36	31.53	7.39		7.0	2.67	86.3
1021	5/29/2012 4:30:50	13.50	48.38	31.54	7.37		7.0	2.71	86.0
1022	5/29/2012 4:45:50	13.38	48.32	31.50	7.37		7.3	2.77	85.8
1023	5/29/2012 5:00:50	13.28	48.42	31.56	7.44		5.6	2.82	86.4
1024	5/29/2012 5:15:50	13.18	48.49	31.61	7.39		5.4	2.86	85.7
1025	5/29/2012 5:30:50	13.06	48.48	31.59	7.34		5.0	2.90	85.0
1026	5/29/2012 5:45:50	13.00	48.50	31.61	7.31		5.4	2.94	84.5
1027	5/29/2012 6:00:50	12.89	48.60	31.68	7.28		4.8	2.98	84.0
1028	5/29/2012 6:15:50	12.81	48.57	31.65	7.23		4.7	2.99	83.3
1029	5/29/2012 6:30:50	13.08	48.53	31.63	7.12		5.7	3.00	82.5
1030	5/29/2012 6:45:50	12.99	48.54	31.64	7.07		5.0	3.01	81.7
1031	5/29/2012 7:00:50	12.92	48.46	31.58	7.01		4.9	2.99	80.9
1032	5/29/2012 7:15:50	12.82	48.44	31.56	7.11		4.6	2.97	81.8
1033	5/29/2012 7:30:50	13.33	48.26	31.45	7.02		6.8	2.93	81.6
1034	5/29/2012 7:45:50	13.90	48.05	31.31	7.21		10.4	2.88	84.7
1035	5/29/2012 8:00:50	13.36	48.17	31.38	7.22		6.9	2.83	83.9
1036	5/29/2012 8:15:50	13.76	48.18	31.40	7.15		8.7	2.76	83.9
1037	5/29/2012 8:30:50	13.77	48.18	31.40	7.22		9.0	2.68	84.7
1038	5/29/2012 8:45:50	13.85	48.05	31.31	7.28		9.2	2.61	85.5
1039	5/29/2012 9:00:50	13.99	48.00	31.28	7.42		9.2	2.53	87.3
1040	5/29/2012 9:15:50	13.93	48.09	31.34	7.86		8.4	2.46	92.5
1041	5/29/2012 9:30:50	14.08	48.10	31.35	8.17		8.1	2.38	96.4
1042	5/29/2012 9:45:50	14.23	48.06	31.33	8.05		8.7	2.31	95.2
1043	5/29/2012 10:00:50	14.40	48.04	31.32	7.91		8.7	2.23	93.9
1044	5/29/2012 10:15:50	14.53	47.99	31.28	8.08		9.2	2.14	96.1
1045	5/29/2012 10:30:50	14.75	47.95	31.27	8.09		9.9	2.07	96.7
1046	5/29/2012 10:45:50	14.89	47.88	31.22	8.28		9.4	2.00	99.2
1047	5/29/2012 11:00:50	15.00	47.92	31.24	8.33		9.5	1.94	100.0
1048	5/29/2012 11:15:50	15.21	47.96	31.28	8.16		10.1	1.87	98.5
1049	5/29/2012 11:30:50	15.24	47.89	31.23	7.85		9.2	1.81	94.8
1050	5/29/2012 11:45:50	15.20	47.79	31.16	7.58		9.1	1.79	91.4
1051	5/29/2012 12:00:50	15.14	47.87	31.21	7.23		7.8	1.73	87.1
1052	5/29/2012 12:15:50	15.11	47.83	31.18	6.92		7.3	1.72	83.3
1053	5/29/2012 12:30:50	15.36	47.83	31.19	7.88		40.2	1.73	95.3
1054	5/29/2012 12:45:50	14.97	47.80	31.16	7.32			1.71	87.9
1055	5/29/2012 13:00:50	14.96	47.82	31.17	7.42		9.4	1.74	89.0
1056	5/29/2012 13:15:50	15.05	47.84	31.19	7.66		9.4	1.78	92.1
1057	5/29/2012 13:30:50	14.98	47.89	31.22	7.52		10.1	1.83	90.3
1058	5/29/2012 13:45:50	15.04	47.81	31.17	7.61		9.7	1.86	91.4
1059	5/29/2012 14:00:50	14.92	47.88	31.22	7.47		10.0	1.92	89.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	5/29/2012 14:15:50	15.13	47.66	31.06	7.58		10.6	2.00	91.2
1061	5/29/2012 14:30:50	15.33	47.53	30.97	7.70		9.8	2.06	93.0
1062	5/29/2012 14:45:50	15.46	47.50	30.95	7.74		9.8	2.13	93.6
1063	5/29/2012 15:00:50	14.89	47.75	31.12	7.42		9.0	2.20	88.9
1064	5/29/2012 15:15:50	14.60	47.79	31.15	7.33		9.2	2.28	87.3
1065	5/29/2012 15:30:50	14.42	47.80	31.15	7.30		9.7	2.36	86.6
1066	5/29/2012 15:45:50	14.33	47.94	31.25	7.32		8.4	2.42	86.7
1067	5/29/2012 16:00:50	14.19	48.12	31.37	7.33		8.4	2.50	86.7
1068	5/29/2012 16:15:50	13.97	48.24	31.45	7.35		8.3	2.59	86.5
1069	5/29/2012 16:30:50	13.93	48.26	31.46	7.36		7.8	2.66	86.6
1070	5/29/2012 16:45:50	13.91	48.26	31.47	7.40		8.4	2.74	87.0
1071	5/29/2012 17:00:50	13.84	48.20	31.42	7.40		7.2	2.82	87.0
1072	5/29/2012 17:15:50	13.59	48.40	31.56	7.38		8.2	2.89	86.3
1073	5/29/2012 17:30:50	13.55	48.26	31.45	7.48		8.7	2.97	87.3
1074	5/29/2012 17:45:50	13.28	48.38	31.54	7.49		9.5	3.04	87.0
1075	5/29/2012 18:00:50	13.08	48.56	31.65	7.55		8.2	3.11	87.4
1076	5/29/2012 18:15:50	13.03	48.60	31.68	7.64		6.7	3.18	88.4
1077	5/29/2012 18:30:50	12.71	48.67	31.72	7.81		8.1	3.24	89.7
1078	5/29/2012 18:45:50	12.55	48.81	31.81	7.85		5.3	3.30	90.0
1079	5/29/2012 19:00:50	12.42	48.82	31.82	7.94		4.6	3.34	90.8
1080	5/29/2012 19:15:50	12.28	48.89	31.86	8.04		3.8	3.39	91.7
1081	5/29/2012 19:30:50	12.27	48.97	31.92	7.88		3.5	3.42	89.9
1082	5/29/2012 19:45:50	12.39	49.04	31.97	7.84		4.3	3.43	89.6
1083	5/29/2012 20:00:50	12.24	48.91	31.88	7.88		3.6	3.40	89.7
1084	5/29/2012 20:15:50	12.35	48.92	31.89	7.86		4.1	3.38	89.7
1085	5/29/2012 20:30:50	12.82	48.64	31.71	7.80		6.9	3.34	89.9
1086	5/29/2012 20:45:50	12.84	48.78	31.80	7.95		7.6	3.27	91.6
1087	5/29/2012 21:00:50	12.91	48.64	31.71	7.88		10.7	3.19	91.0
1088	5/29/2012 21:15:50	12.86	48.53	31.62	7.85		10.3	3.12	90.5
1089	5/29/2012 21:30:50	13.10	48.48	31.60	7.76		10.9	3.04	89.9
1090	5/29/2012 21:45:50	13.26	48.53	31.64	7.74		11.1	2.96	90.0
1091	5/29/2012 22:00:50	13.26	48.53	31.64	7.76		11.7	2.87	90.2
1092	5/29/2012 22:15:50	13.07	48.63	31.70	7.79		10.5	2.79	90.2
1093	5/29/2012 22:30:50	13.28	48.62	31.70	7.74		12.0	2.70	90.1
1094	5/29/2012 22:45:50	13.80	48.36	31.53	7.69		13.4	2.61	90.3
1095	5/29/2012 23:00:50	13.62	48.43	31.58	7.79		16.8	2.52	91.2
1096	5/29/2012 23:15:50	14.40	48.04	31.32	7.68		18.6	2.42	91.2
1097	5/29/2012 23:30:49	14.65	47.87	31.20	7.72		17.6	2.34	92.1
1098	5/29/2012 23:45:50	14.59	48.08	31.35	7.79		19.0	2.24	92.9
1099	5/30/2012 0:00:50	14.66	48.00	31.30	7.72		18.0	2.17	92.1
1100	5/30/2012 0:15:50	14.96	47.89	31.22	7.68		17.7	2.07	92.1
1101	5/30/2012 0:30:50	14.76	47.96	31.27	7.69		15.2	1.99	91.9
1102	5/30/2012 0:45:50	14.96	47.91	31.24	7.70		14.7	1.94	92.4
1103	5/30/2012 1:00:50	15.04	47.97	31.28	7.71		14.7	1.87	92.6
1104	5/30/2012 1:15:50	15.26	47.98	31.30	7.69		14.7	1.83	92.9
1105	5/30/2012 1:30:50	15.47	47.84	31.20	7.71		16.4	1.80	93.5
1106	5/30/2012 1:45:50	15.54	47.89	31.24	7.67		15.3	1.78	93.2
1107	5/30/2012 2:00:50	15.45	47.90	31.24	7.37		12.9	1.80	89.3
1108	5/30/2012 2:15:50	15.40	47.68	31.08	7.64		12.6	1.81	92.5
1109	5/30/2012 2:30:50	15.31	47.75	31.13	7.60		13.5	1.84	91.8
1110	5/30/2012 2:45:50	15.31	47.90	31.24	7.61		12.9	1.88	92.0
1111	5/30/2012 3:00:50	15.29	47.75	31.13	7.63		13.4	1.95	92.1
1112	5/30/2012 3:15:50	15.44	47.77	31.14	7.59		14.8	2.00	91.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1113	5/30/2012 3:30:50	15.34	47.79	31.16	7.57		13.7	2.06	91.5
1114	5/30/2012 3:45:50	15.38	47.75	31.13	7.53		12.8	2.13	91.0
1115	5/30/2012 4:00:50	15.38	47.71	31.10	7.50		12.9	2.19	90.7
1116	5/30/2012 4:15:50	15.33	47.76	31.14	7.48		12.8	2.25	90.4
1117	5/30/2012 4:30:50	14.60	48.10	31.37	7.44		10.5	2.30	88.7
1118	5/30/2012 4:45:50	14.57	48.12	31.38	7.39		10.1	2.36	88.0
1119	5/30/2012 5:00:50	14.55	48.12	31.38	7.37		8.9	2.43	87.8
1120	5/30/2012 5:15:50	14.39	48.06	31.34	7.38		8.4	2.48	87.6
1121	5/30/2012 5:30:50	14.28	48.21	31.44	7.40		8.1	2.54	87.7
1122	5/30/2012 5:45:50	14.12	48.22	31.44	7.41		7.5	2.59	87.5
1123	5/30/2012 6:00:50	14.02	48.30	31.49	7.43		6.7	2.64	87.7
1124	5/30/2012 6:15:50	13.95	48.28	31.48	7.45		6.4	2.70	87.7
1125	5/30/2012 6:30:50	13.90	48.27	31.47	7.43		6.2	2.74	87.4
1126	5/30/2012 6:45:50	13.84	48.37	31.54	7.41		6.4	2.78	87.1
1127	5/30/2012 7:00:50	13.69	48.32	31.50	7.38		5.9	2.83	86.4
1128	5/30/2012 7:15:50	13.57	48.40	31.56	7.37		6.1	2.86	86.2
1129	5/30/2012 7:30:50	13.48	48.39	31.55	7.33		5.1	2.89	85.6
1130	5/30/2012 7:45:50	13.41	48.60	31.69	7.31		5.0	2.90	85.2
1131	5/30/2012 8:00:50	13.63	48.40	31.56	7.23		6.2	2.92	84.6
1132	5/30/2012 8:15:50	13.52	48.29	31.47	7.16		5.4	2.92	83.6
1133	5/30/2012 8:30:50	13.39	48.35	31.51	7.10		4.7	2.89	82.7
1134	5/30/2012 8:45:50	13.41	48.38	31.54	7.17		4.8	2.86	83.6
1135	5/30/2012 9:00:50	13.61	48.40	31.56	7.19		6.2	2.83	84.2
1136	5/30/2012 9:15:50	13.83	48.36	31.53	7.20		7.0	2.77	84.6
1137	5/30/2012 9:30:50	14.05	48.36	31.54	7.31		7.9	2.71	86.3
1138	5/30/2012 9:45:50	14.22	48.25	31.47	7.47		8.1	2.64	88.4
1139	5/30/2012 10:00:50	14.39	48.22	31.45	7.64		7.9	2.56	90.7
1140	5/30/2012 10:15:50	14.54	48.15	31.40	7.62		7.9	2.49	90.7
1141	5/30/2012 10:30:50	14.74	48.10	31.37	7.50		7.4	2.41	89.6
1142	5/30/2012 10:45:50	14.99	47.97	31.28	7.62		7.6	2.33	91.5
1143	5/30/2012 11:00:50	15.10	47.92	31.25	7.56		7.9	2.26	91.0
1144	5/30/2012 11:15:50	15.46	48.10	31.39	8.07		7.4	2.18	97.9
1145	5/30/2012 11:30:49	15.54	47.71	31.11	7.80		7.4	2.11	94.7
1146	5/30/2012 11:45:50	15.60	48.03	31.34	7.77		7.4	2.03	94.5
1147	5/30/2012 12:00:50	15.71	48.00	31.32	7.86		7.5	1.98	95.8
1148	5/30/2012 12:15:50	15.75	47.97	31.30	7.75		8.0	1.92	94.6
1149	5/30/2012 12:30:50	15.86	47.91	31.26	7.83		8.6	1.86	95.6
1150	5/30/2012 12:45:50	15.93	48.03	31.34	7.78		9.0	1.84	95.3
1151	5/30/2012 13:00:50	15.99	47.94	31.28	7.86		9.0	1.81	96.3
1152	5/30/2012 13:15:50	16.07	47.88	31.24	7.99		9.0	1.80	98.1
1153	5/30/2012 13:30:50	15.98	47.99	31.32	7.93		7.8	1.79	97.1
1154	5/30/2012 13:45:50	15.87	48.02	31.34	7.97		8.2	1.81	97.5
1155	5/30/2012 14:00:50	16.04	47.87	31.23	8.00		8.6	1.84	98.1
1156	5/30/2012 14:15:50	16.21	47.87	31.24	7.96		8.6	1.87	97.9
1157	5/30/2012 14:30:50	16.15	47.90	31.25	7.92		7.9	1.93	97.4
1158	5/30/2012 14:45:50	15.97	47.92	31.26	7.83		8.6	1.97	95.9
1159	5/30/2012 15:00:50	15.75	47.86	31.22	7.79		28.0	2.04	94.9
1160	5/30/2012 15:15:50	16.04	47.90	31.26	7.84		23.7	2.10	96.2
1161	5/30/2012 15:30:50	15.79	47.85	31.21	7.71		8.1	2.16	94.0
1162	5/30/2012 15:45:50	16.12	47.64	31.06	7.85		8.3	2.24	96.3
1163	5/30/2012 16:00:50	15.56	47.85	31.21	7.69		7.4	2.31	93.4
1164	5/30/2012 16:15:50	15.18	47.98	31.29	7.53		7.3	2.39	90.8
1165	5/30/2012 16:30:50	15.20	48.00	31.31	7.57		7.5	2.46	91.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	5/30/2012 16:45:50	14.82	48.16	31.42	7.50		8.9	2.54	89.8
1167	5/30/2012 17:00:50	14.54	48.08	31.35	7.53		7.5	2.62	89.6
1168	5/30/2012 17:15:50	14.37	48.32	31.52	7.51		7.4	2.69	89.2
1169	5/30/2012 17:30:50	14.37	48.30	31.51	7.58		7.6	2.77	90.1
1170	5/30/2012 17:45:50	14.16	48.34	31.53	7.53		7.6	2.85	89.0
1171	5/30/2012 18:00:50	13.98	48.44	31.60	7.62		8.3	2.93	89.9
1172	5/30/2012 18:15:50	13.83	48.53	31.66	7.72		10.4	3.01	90.8
1173	5/30/2012 18:30:50	13.48	48.39	31.55	7.78		10.6	3.09	90.8
1174	5/30/2012 18:45:50	13.39	48.42	31.57	7.86		9.0	3.17	91.5
1175	5/30/2012 19:00:50	13.10	48.71	31.77	8.00		9.9	3.25	92.8
1176	5/30/2012 19:15:50	12.84	48.86	31.86	8.05		9.6	3.32	92.9
1177	5/30/2012 19:30:50	12.26	48.97	31.92	8.13		7.6	3.38	92.7
1178	5/30/2012 19:45:50	12.15	48.93	31.88	8.17		5.4	3.45	92.9
1179	5/30/2012 20:00:50	12.05	49.20	32.08	8.28		4.9	3.49	94.1
1180	5/30/2012 20:15:50	12.01	49.15	32.04	8.34		4.5	3.52	94.6
1181	5/30/2012 20:30:50	12.25	48.99	31.94	8.15		5.9	3.53	92.9
1182	5/30/2012 20:45:50	12.06	49.25	32.11	8.11		3.4	3.53	92.1
1183	5/30/2012 21:00:50	12.05	48.99	31.92	8.19		4.7	3.49	93.0
1184	5/30/2012 21:15:50	12.16	49.18	32.07	8.14		5.9	3.42	92.7
1185	5/30/2012 21:30:50	13.10	48.81	31.84	7.83		8.9	3.36	90.8
1186	5/30/2012 21:45:50	12.94	48.88	31.88	7.87		8.1	3.29	91.0
1187	5/30/2012 22:00:50	13.62	48.53	31.65	7.86		14.5	3.19	92.1
1188	5/30/2012 22:15:50	14.03	48.55	31.68	7.85		9.3	3.10	92.7
1189	5/30/2012 22:30:50	14.07	48.43	31.59	7.82		9.8	2.99	92.4
1190	5/30/2012 22:45:50	14.12	48.25	31.46	7.78		9.0	2.92	91.9
1191	5/30/2012 23:00:50	14.37	48.37	31.56	7.64		8.5	2.81	90.8
1192	5/30/2012 23:15:50	14.59	48.17	31.42	7.56		8.8	2.71	90.1
1193	5/30/2012 23:30:50	14.67	48.31	31.52	7.65		11.8	2.60	91.5
1194	5/30/2012 23:45:50	14.86	48.25	31.49	7.64		11.5	2.49	91.7
1195	5/31/2012 0:00:50	14.89	48.19	31.44	7.57		10.5	2.40	90.9
1196	5/31/2012 0:15:50	15.07	48.04	31.34	7.53		10.4	2.28	90.6
1197	5/31/2012 0:30:50	15.03	48.09	31.37	7.51		11.1	2.19	90.4
1198	5/31/2012 0:45:50	15.19	48.18	31.44	7.49		9.7	2.07	90.4
1199	5/31/2012 1:00:50	15.39	48.20	31.46	7.58		9.5	1.96	91.9
1200	5/31/2012 1:15:50	15.61	48.14	31.42	7.60		9.8	1.84	92.5
1201	5/31/2012 1:30:50	16.09	48.03	31.35	7.65		10.1	1.76	93.9
1202	5/31/2012 1:45:50	16.36	47.90	31.26	7.63		10.6	1.68	94.2
1203	5/31/2012 2:00:50	16.50	47.88	31.24	7.59		11.1	1.60	93.9
1204	5/31/2012 2:15:50	16.68	47.88	31.25	7.60		10.5	1.56	94.4
1205	5/31/2012 2:30:49	16.74	47.81	31.20	7.69		11.1	1.54	95.6
1206	5/31/2012 2:45:50	16.64	47.97	31.31	7.43		9.8	1.53	92.2
1207	5/31/2012 3:00:50	16.58	48.01	31.34	7.56		9.9	1.53	93.7
1208	5/31/2012 3:15:50	16.47	47.95	31.30	7.58		9.0	1.57	93.8
1209	5/31/2012 3:30:50	16.43	47.95	31.30	7.56		8.9	1.61	93.5
1210	5/31/2012 3:45:50	16.40	47.94	31.29	7.64		9.0	1.67	94.4
1211	5/31/2012 4:00:50	16.35	47.95	31.29	7.61		9.2	1.72	93.9
1212	5/31/2012 4:15:50	16.44	47.84	31.21	7.53		10.3	1.79	93.1
1213	5/31/2012 4:30:50	16.35	47.81	31.19	7.50		9.5	1.85	92.6
1214	5/31/2012 4:45:50	16.31	47.77	31.16	7.46		10.3	1.91	91.9
1215	5/31/2012 5:00:50	16.27	47.76	31.16	7.43		10.4	1.98	91.4
1216	5/31/2012 5:15:50	16.21	47.76	31.15	7.43		10.1	2.04	91.3
1217	5/31/2012 5:30:50	16.08	47.91	31.26	7.42		11.1	2.11	91.1
1218	5/31/2012 5:45:50	15.57	48.02	31.33	7.37		9.8	2.17	89.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1219	5/31/2012 6:00:50	15.31	47.93	31.26	7.35		8.9	2.24	88.8
1220	5/31/2012 6:15:50	15.09	48.00	31.31	7.37		7.8	2.31	88.7
1221	5/31/2012 6:30:50	14.96	48.09	31.37	7.39		7.3	2.38	88.7
1222	5/31/2012 6:45:50	14.81	48.13	31.39	7.40		7.0	2.46	88.7
1223	5/31/2012 7:00:50	14.67	48.26	31.49	7.42		6.6	2.53	88.7
1224	5/31/2012 7:15:50	14.63	48.29	31.50	7.41		6.7	2.58	88.5
1225	5/31/2012 7:30:50	14.57	48.29	31.51	7.42		6.4	2.65	88.5
1226	5/31/2012 7:45:50	14.40	48.30	31.51	7.41		6.5	2.71	88.1
1227	5/31/2012 8:00:50	14.24	48.40	31.58	7.42		5.6	2.76	87.9
1228	5/31/2012 8:15:50	14.15	48.34	31.53	7.39		5.1	2.81	87.4
1229	5/31/2012 8:30:49	14.02	48.40	31.57	7.40		5.1	2.85	87.3
1230	5/31/2012 8:45:50	13.86	48.40	31.57	7.42		4.7	2.89	87.3
1231	5/31/2012 9:00:49	13.78	48.42	31.58	7.37		4.8	2.91	86.5
1232	5/31/2012 9:15:50	13.68	48.41	31.57	7.42		4.4	2.94	87.0
1233	5/31/2012 9:30:50	13.89	48.39	31.56	7.36		4.9	2.93	86.6
1234	5/31/2012 9:45:50	13.82	48.45	31.60	7.19		4.3	2.92	84.5
1235	5/31/2012 10:00:50	13.70	48.50	31.63	7.28		4.5	2.89	85.4
1236	5/31/2012 10:15:50	13.83	48.30	31.49	7.26		5.0	2.84	85.3
1237	5/31/2012 10:30:50	14.19	48.38	31.56	7.32		6.5	2.79	86.6
1238	5/31/2012 10:45:50	14.58	48.32	31.53	7.46		6.8	2.72	89.0
1239	5/31/2012 11:00:50	14.84	48.13	31.40	7.61		7.0	2.64	91.2
1240	5/31/2012 11:15:50	14.96	48.35	31.56	7.56		5.9	2.58	91.0
1241	5/31/2012 11:30:50	15.19	48.27	31.51	7.65		6.4	2.49	92.4
1242	5/31/2012 11:45:50	15.59	48.07	31.37	7.88		7.0	2.42	95.9
1243	5/31/2012 12:00:50	15.89	48.07	31.37	7.76		6.4	2.35	94.9
1244	5/31/2012 12:15:50	16.11	48.17	31.45	7.97		6.1	2.26	98.0
1245	5/31/2012 12:30:50	16.45	47.99	31.32	8.21		6.5	2.20	101.5
1246	5/31/2012 12:45:50	16.57	48.05	31.37	8.20		6.8	2.13	101.6
1247	5/31/2012 13:00:50	16.61	48.02	31.35	8.16		7.2	2.06	101.3
1248	5/31/2012 13:15:50	16.78	48.04	31.36	8.21		7.2	2.00	102.2
1249	5/31/2012 13:30:50	16.91	47.91	31.27	8.35		6.5	1.96	104.1
1250	5/31/2012 13:45:49	17.00	47.90	31.26	8.23		6.9	1.91	102.8
1251	5/31/2012 14:00:49	17.01	47.87	31.25	8.06		6.8	1.88	100.7
1252	5/31/2012 14:15:49	17.12	47.90	31.26	8.18		6.9	1.89	102.5
1253	5/31/2012 14:30:49	16.98	47.99	31.33	8.54		6.5	1.88	106.7
1254	5/31/2012 14:45:49	16.86	47.84	31.22	8.37		7.4	1.89	104.3
1255	5/31/2012 15:00:49	16.96	47.94	31.29	8.27		7.0	1.93	103.3
1256	5/31/2012 15:15:50	17.11	47.95	31.30	8.31		7.1	1.97	104.1
1257	5/31/2012 15:30:50	16.99	47.94	31.29	8.24		6.9	2.02	103.0
1258	5/31/2012 15:45:50	16.74	47.99	31.33	8.17		7.3	2.08	101.6
1259	5/31/2012 16:00:50	16.81	47.98	31.32	8.19		7.8	2.15	101.9
1260	5/31/2012 16:15:50	16.58	47.99	31.32	8.04		7.0	2.21	99.6
1261	5/31/2012 16:30:50	16.48	48.01	31.34	7.94		6.5	2.28	98.2
1262	5/31/2012 16:45:50	16.33	48.03	31.35	7.89		6.7	2.36	97.4
1263	5/31/2012 17:00:50	16.08	48.06	31.37	7.88		6.8	2.45	96.7
1264	5/31/2012 17:15:50	15.79	48.10	31.40	7.80		6.6	2.80	95.3
1265	5/31/2012 17:30:50	15.41	48.22	31.47	7.68		7.0	2.64	93.2
1266	5/31/2012 17:45:50	14.78	48.24	31.48	7.56		7.5	2.71	90.6
1267	5/31/2012 18:00:50	14.70	48.36	31.56	7.59		6.6	2.80	90.8
1268	5/31/2012 18:15:50	14.43	48.37	31.56	7.61		7.6	2.88	90.5
1269	5/31/2012 18:30:50	14.22	48.38	31.56	7.66		8.7	2.97	90.7
1270	5/31/2012 18:45:50	13.92	48.49	31.64	7.71		11.5	3.04	90.8
1271	5/31/2012 19:00:50	13.68	48.58	31.69	7.80		10.6	3.13	91.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1272	5/31/2012 19:15:50	13.46	48.69	31.77	7.89		10.6	3.22	92.2
1273	5/31/2012 19:30:50	13.03	48.76	31.80	7.90		11.4	3.31	91.5
1274	5/31/2012 19:45:49	12.75	48.72	31.76	7.89		9.0	3.39	90.7
1275	5/31/2012 20:00:50	11.88	49.05	31.96	7.72		8.8	3.47	87.4
1276	5/31/2012 20:15:50	11.51	49.23	32.08	7.70		6.8	3.54	86.5
1277	5/31/2012 20:30:50	11.47	49.26	32.09	7.69		5.7	3.60	86.3
1278	5/31/2012 20:45:50	11.38	49.34	32.15	7.66		4.3	3.65	85.8
1279	5/31/2012 21:00:50	11.25	49.35	32.15	7.66		4.7	3.68	85.6
1280	5/31/2012 21:15:50	11.27	49.34	32.14	7.61		5.3	3.71	85.0
1281	5/31/2012 21:30:50	11.48	49.39	32.19	7.42		3.9	3.69	83.3
1282	5/31/2012 21:45:50	11.31	49.24	32.07	7.52		4.1	3.67	84.1
1283	5/31/2012 22:00:50	11.33	49.23	32.07	7.52		5.3	3.62	84.1
1284	5/31/2012 22:15:50	12.52	49.02	31.97	7.48		6.8	3.55	85.8
1285	5/31/2012 22:30:50	12.38	49.03	31.97	7.47		7.5	3.45	85.4
1286	5/31/2012 22:45:50	12.99	48.84	31.86	7.53		9.3	3.34	87.1
1287	5/31/2012 23:00:50	13.45	48.72	31.78	7.48		7.2	3.24	87.3
1288	5/31/2012 23:15:50	13.81	48.69	31.77	7.53		7.6	3.13	88.6
1289	5/31/2012 23:30:50	13.94	48.44	31.60	7.66		9.6	3.01	90.2
1290	5/31/2012 23:45:50	14.17	48.56	31.69	7.70		10.7	2.90	91.2
1291	6/1/2012 0:00:50	14.41	48.43	31.60	7.63		8.3	2.79	90.8
1292	6/1/2012 0:15:49	14.87	48.20	31.45	7.64		9.8	2.68	91.7
1293	6/1/2012 0:30:50	14.76	48.41	31.60	7.55		8.6	2.55	90.4
1294	6/1/2012 0:45:50	14.23	48.66	31.77	7.60		9.1	2.40	90.2
1295	6/1/2012 1:00:50	15.20	48.20	31.46	7.58		10.0	2.29	91.5
1296	6/1/2012 1:15:50	15.38	48.30	31.53	7.52		11.0	2.15	91.2
1297	6/1/2012 1:30:50	15.49	48.35	31.57	7.55		11.5	2.02	91.8
1298	6/1/2012 1:45:50	15.57	48.33	31.56	7.57		10.3	1.88	92.1
1299	6/1/2012 2:00:50	16.24	48.06	31.37	7.58		11.7	1.76	93.4
1300	6/1/2012 2:15:50	16.38	48.14	31.43	7.59		11.1	1.64	93.8
1301	6/1/2012 2:30:50	16.54	48.09	31.40	7.61		11.2	1.53	94.3
1302	6/1/2012 2:45:49	16.80	48.00	31.33	7.68		11.2	1.42	95.6
1303	6/1/2012 3:00:49	17.20	47.96	31.31	7.75		12.2	1.36	97.2
1304	6/1/2012 3:15:50	17.29	48.02	31.36	7.72		11.5	1.31	97.1
1305	6/1/2012 3:30:50	17.64	47.99	31.34	7.82		13.2	1.29	99.0
1306	6/1/2012 3:45:49	17.33	47.94	31.30	7.56		9.0	1.29	95.1
1307	6/1/2012 4:00:50	17.43	47.97	31.32	7.70		9.7	1.32	97.0
1308	6/1/2012 4:15:49	17.34	47.95	31.31	7.70		10.0	1.37	96.9
1309	6/1/2012 4:30:49	17.28	47.92	31.28	7.64		10.1	1.43	96.0
1310	6/1/2012 4:45:50	17.28	48.01	31.35	7.65		9.6	1.49	96.1
1311	6/1/2012 5:00:50	17.19	47.92	31.28	7.61		9.8	1.55	95.4
1312	6/1/2012 5:15:50	17.26	47.81	31.20	7.48		13.9	1.63	93.9
1313	6/1/2012 5:30:50	17.08	47.89	31.26	7.44		9.8	1.70	93.1
1314	6/1/2012 5:45:50	17.04	47.90	31.26	7.37		11.1	1.77	92.1
1315	6/1/2012 6:00:50	16.99	47.89	31.26	7.34		10.6	1.84	91.7
1316	6/1/2012 6:15:50	16.92	47.87	31.24	7.31		11.5	1.91	91.2
1317	6/1/2012 6:30:49	16.76	47.76	31.16	7.32		12.1	2.00	91.0
1318	6/1/2012 6:45:50	16.26	47.99	31.32	7.26		13.3	2.08	89.5
1319	6/1/2012 7:00:50	15.95	48.09	31.39	7.27		10.0	2.16	89.0
1320	6/1/2012 7:15:49	15.82	47.99	31.31	7.29		8.9	2.25	89.0
1321	6/1/2012 7:30:49	15.41	48.07	31.36	7.41		8.0	2.33	89.8
1322	6/1/2012 7:45:50	15.30	48.30	31.53	7.36		8.3	2.42	89.1
1323	6/1/2012 8:00:50	15.25	48.29	31.52	7.39		7.8	2.51	89.3
1324	6/1/2012 8:15:50	15.14	48.27	31.50	7.36		8.4	2.58	88.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1325	6/1/2012 8:30:50	14.86	48.28	31.50	7.33		7.6	2.66	88.0
1326	6/1/2012 8:45:50	14.69	48.31	31.52	7.31		8.1	2.74	87.4
1327	6/1/2012 9:00:50	14.31	48.42	31.59	7.35		9.7	2.81	87.2
1328	6/1/2012 9:15:50	14.19	48.43	31.60	7.37		7.5	2.86	87.2
1329	6/1/2012 9:30:50	13.99	48.38	31.56	7.38		6.7	2.92	87.0
1330	6/1/2012 9:45:50	13.84	48.52	31.65	7.37		6.2	2.97	86.7
1331	6/1/2012 10:00:50	13.41	48.68	31.76	7.36		6.2	2.99	85.8
1332	6/1/2012 10:15:50	13.18	48.76	31.80	7.34		4.6	3.03	85.2
1333	6/1/2012 10:30:50	13.00	48.79	31.82	7.26		4.5	3.05	84.0
1334	6/1/2012 10:45:50	13.24	48.64	31.72	7.21		4.5	3.04	83.8
	Mean	14.44	48.04	31.31	7.84		8.93	2.50	93.11
	Minimum	11.11	45.98	29.86	6.59		2.60	1.17	79.70
	Maximum	17.64	49.45	32.22	10.06		40.20	3.71	117.20

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

pH probe malfunctioned during deployment

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
0	6/1/2012 11:31:32	13.65	50.59	33.16	7.17	7.81	6.4	2.827	84.8
1	6/1/2012 11:46:33	14.16	50.51	33.11	7.28	7.82	6.9	2.854	86.9
2	6/1/2012 12:01:32	14.82	50.43	33.07	7.56	7.85	7.2	2.766	91.5
3	6/1/2012 12:16:32	15.12	50.42	33.07	7.86	7.88	7.5	2.676	95.7
4	6/1/2012 12:31:32	15.14	50.37	33.04	7.76	7.87	8.4	2.600	94.5
5	6/1/2012 12:46:33	15.29	50.33	33.01	7.48	7.86	9.2	2.531	91.4
6	6/1/2012 13:01:32	15.61	50.29	32.99	7.57	7.87	9.2	2.444	93.0
7	6/1/2012 13:16:32	15.97	50.30	33.00	8.21	7.93	9.2	2.358	101.6
8	6/1/2012 13:31:32	16.32	50.24	32.97	8.36	7.92	8.7	2.289	104.2
9	6/1/2012 13:46:32	16.65	50.19	32.94	8.20	7.93	8.7	2.221	102.9
10	6/1/2012 14:01:32	17.03	50.18	32.93	8.45	7.95	9.1	2.158	106.7
11	6/1/2012 14:16:32	17.27	50.16	32.92	8.69	7.97	9.6	2.083	110.2
12	6/1/2012 14:31:32	17.37	50.12	32.89	8.47	7.96	9.5	2.038	107.7
13	6/1/2012 14:46:32	17.46	50.09	32.87	8.29	7.96	8.7	1.997	105.6
14	6/1/2012 15:01:32	17.47	50.10	32.88	8.15	7.96	7.0	1.980	103.8
15	6/1/2012 15:16:32	17.51	50.08	32.86	7.99	7.95	7.9	1.971	101.9
16	6/1/2012 15:31:32	17.65	50.23	32.97	9.08	8.00	8.7	1.963	116.0
17	6/1/2012 15:46:32	17.26	50.13	32.89	8.66	7.97	8.7	1.982	109.8
18	6/1/2012 16:01:32	17.11	50.13	32.89	8.15	7.93	8.1	2.006	103.0
19	6/1/2012 16:16:32	17.27	50.08	32.86	8.01	7.93	8.4	2.058	101.6
20	6/1/2012 16:31:32	17.14	50.08	32.86	7.92	7.92	9.0	2.116	100.2
21	6/1/2012 16:46:32	16.78	50.15	32.90	7.82	7.90	8.3	2.178	98.2
22	6/1/2012 17:01:32	17.01	50.06	32.84	7.87	7.91	8.2	2.261	99.3
23	6/1/2012 17:16:32	16.71	50.13	32.89	7.75	7.90	7.4	2.330	97.2
24	6/1/2012 17:31:32	16.46	50.22	32.95	7.83	7.90	8.1	2.419	97.8
25	6/1/2012 17:46:32	15.93	50.32	33.02	7.71	7.88	7.5	2.479	95.3
26	6/1/2012 18:01:32	15.51	50.41	33.07	7.56	7.87	7.3	2.569	92.7
27	6/1/2012 18:16:32	15.27	50.45	33.10	7.49	7.86	7.5	2.650	91.5
28	6/1/2012 18:31:32	14.80	50.57	33.17	7.47	7.86	8.3	2.730	90.5
29	6/1/2012 18:46:32	14.42	50.66	33.23	7.44	7.85	8.3	2.820	89.4
30	6/1/2012 19:01:32	14.16	50.72	33.27	7.40	7.85	8.7	2.910	88.5
31	6/1/2012 19:16:33	13.91	50.81	33.32	7.46	7.85	11.4	3.008	88.8
32	6/1/2012 19:31:33	13.34	50.96	33.41	7.46	7.85	13.4	3.098	87.8
33	6/1/2012 19:46:33	13.03	51.08	33.49	7.49	7.85	14.1	3.206	87.7
34	6/1/2012 20:01:33	12.45	51.24	33.58	7.40	7.84	11.2	3.298	85.6
35	6/1/2012 20:16:33	12.06	51.34	33.64	7.33	7.83	10.1	3.384	84.2
36	6/1/2012 20:31:33	11.63	51.46	33.70	7.35	7.83	11.0	3.482	83.6
37	6/1/2012 20:46:33	11.40	51.52	33.73	7.38	7.83	8.7	3.575	83.6
38	6/1/2012 21:01:33	11.12	51.61	33.78	7.55	7.85	8.5	3.648	85.0
39	6/1/2012 21:16:33	11.03	51.64	33.80	7.66	7.86	7.1	3.719	86.2
40	6/1/2012 21:31:33	10.94	51.66	33.81	7.75	7.87	6.1	3.772	87.0
41	6/1/2012 21:46:33	10.91	51.67	33.81	7.77	7.87	5.0	3.798	87.1
42	6/1/2012 22:01:33	11.46	51.13	33.45	7.66	7.87	5.2	3.820	86.7
43	6/1/2012 22:16:33	11.06	51.63	33.79	7.57	7.86	5.0	3.803	85.2
44	6/1/2012 22:31:33	11.01	51.64	33.80	7.61	7.86	6.1	3.795	85.5
45	6/1/2012 22:46:33	11.03	51.63	33.79	7.59	7.86	6.9	3.711	85.3
46	6/1/2012 23:01:33	11.64	51.46	33.70	7.29	7.84	9.8	3.641	83.0
47	6/1/2012 23:16:33	11.82	51.48	33.72	7.34	7.85	7.9	3.565	83.9
48	6/1/2012 23:31:33	12.00	51.39	33.67	7.46	7.86	6.6	3.452	85.5
49	6/1/2012 23:46:33	12.70	51.16	33.54	7.25	7.85	8.9	3.306	84.2
50	6/2/2012 0:01:33	13.42	50.99	33.43	7.34	7.86	11.1	3.211	86.5
51	6/2/2012 0:16:32	13.45	50.98	33.43	7.31	7.86	10.8	3.064	86.2
52	6/2/2012 0:31:33	13.74	50.90	33.38	7.32	7.86	10.4	2.938	86.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	6/2/2012 0:46:33	13.77	50.99	33.45	7.23	7.85	8.8	2.802	85.8
54	6/2/2012 1:01:33	14.39	50.71	33.27	7.32	7.86	9.7	2.689	88.0
55	6/2/2012 1:16:33	14.80	50.60	33.19	7.29	7.87	9.8	2.565	88.2
56	6/2/2012 1:31:32	14.23	50.84	33.36	7.17	7.85	8.7	2.406	85.9
57	6/2/2012 1:46:32	14.61	50.73	33.29	7.09	7.85	9.7	2.268	85.6
58	6/2/2012 2:01:32	14.92	50.71	33.28	7.09	7.85	10.7	2.117	86.1
59	6/2/2012 2:16:32	15.54	50.55	33.17	7.05	7.86	12.0	1.968	86.6
60	6/2/2012 2:31:33	15.60	50.47	33.12	7.17	7.86	12.8	1.812	88.2
61	6/2/2012 2:46:32	15.89	50.45	33.11	7.15	7.87	11.7	1.660	88.4
62	6/2/2012 3:01:32	16.27	50.40	33.08	7.21	7.88	11.9	1.514	89.8
63	6/2/2012 3:16:32	16.56	50.28	33.00	7.28	7.89	11.8	1.353	91.1
64	6/2/2012 3:31:32	16.81	50.24	32.97	7.32	7.90	13.0	1.240	92.0
65	6/2/2012 3:46:32	16.85	50.24	32.97	7.31	7.90	12.3	1.122	92.0
66	6/2/2012 4:01:32	17.04	50.22	32.96	7.28	7.91	11.9	1.015	91.9
67	6/2/2012 4:16:32	17.26	50.15	32.91	7.30	7.92	10.9	0.984	92.6
68	6/2/2012 4:31:32	17.29	50.14	32.90	7.32	7.92	10.4	0.946	92.9
69	6/2/2012 4:46:32	17.70	50.06	32.85	7.35	7.93	10.1	0.991	94.0
70	6/2/2012 5:01:32	17.75	50.10	32.88	7.44	7.94	10.5	1.066	95.3
71	6/2/2012 5:16:32	17.62	50.10	32.87	7.38	7.93	11.0	1.148	94.2
72	6/2/2012 5:31:33	17.57	50.10	32.88	7.31	7.92	10.3	1.205	93.2
73	6/2/2012 5:46:32	17.51	50.10	32.88	7.31	7.92	10.6	1.281	93.2
74	6/2/2012 6:01:32	17.50	49.97	32.78	7.21	7.90	11.9	1.369	91.8
75	6/2/2012 6:16:32	17.33	50.04	32.83	7.18	7.90	10.3	1.420	91.2
76	6/2/2012 6:31:33	17.46	49.72	32.60	7.05	7.88	12.2	1.493	89.6
77	6/2/2012 6:46:32	17.26	49.92	32.74	7.03	7.88	12.2	1.576	89.0
78	6/2/2012 7:01:32	17.14	49.96	32.77	7.00	7.88	16.0	1.661	88.5
79	6/2/2012 7:16:32	17.02	49.97	32.78	7.00	7.87	14.5	1.734	88.3
80	6/2/2012 7:31:32	16.74	50.12	32.88	7.02	7.87	13.2	1.840	88.1
81	6/2/2012 7:46:33	16.49	50.12	32.88	7.02	7.86	10.9	1.966	87.7
82	6/2/2012 8:01:32	16.27	50.14	32.89	7.04	7.86	9.5	2.049	87.6
83	6/2/2012 8:16:32	15.93	50.33	33.02	7.04	7.85	9.6	2.162	87.1
84	6/2/2012 8:31:32	15.58	50.45	33.11	7.14	7.86	10.1	2.267	87.8
85	6/2/2012 8:46:33	15.47	50.49	33.13	7.13	7.85	9.7	2.373	87.4
86	6/2/2012 9:01:32	15.27	50.53	33.16	7.10	7.85	9.7	2.467	86.8
87	6/2/2012 9:16:32	15.00	50.58	33.18	7.06	7.84	10.1	2.549	85.8
88	6/2/2012 9:31:32	14.80	50.62	33.21	7.03	7.84	10.6	2.650	85.1
89	6/2/2012 9:46:32	14.33	50.64	33.21	7.06	7.84	12.3	2.715	84.7
90	6/2/2012 10:01:33	14.12	50.73	33.27	7.07	7.83	11.7	2.789	84.5
91	6/2/2012 10:16:33	13.83	50.83	33.33	7.10	7.83	10.5	2.868	84.3
92	6/2/2012 10:31:33	13.26	50.99	33.43	7.24	7.83	9.8	2.933	85.1
93	6/2/2012 10:46:32	12.93	51.09	33.49	7.27	7.84	8.9	2.980	84.9
94	6/2/2012 11:01:33	12.71	51.15	33.53	7.25	7.83	7.1	3.039	84.3
95	6/2/2012 11:16:33	12.58	51.19	33.55	7.24	7.83	7.0	3.090	83.9
96	6/2/2012 11:31:33	12.47	51.22	33.56	7.23	7.83	4.9	3.103	83.7
97	6/2/2012 11:46:33	12.89	51.09	33.49	7.24	7.84	5.7	3.116	84.4
98	6/2/2012 12:01:33	12.58	51.19	33.55	7.06	7.82	6.7	3.096	81.9
99	6/2/2012 12:16:33	12.44	51.24	33.58	7.13	7.83	7.3	3.056	82.5
100	6/2/2012 12:31:33	12.61	51.19	33.55	7.18	7.83	9.1	2.993	83.3
101	6/2/2012 12:46:33	14.00	50.94	33.42	7.44	7.86	9.9	2.921	88.8
102	6/2/2012 13:01:33	14.29	50.84	33.36	7.57	7.87	10.4	2.850	90.8
103	6/2/2012 13:16:33	14.61	50.84	33.36	8.09	7.92	9.9	2.765	97.7
104	6/2/2012 13:31:33	14.80	50.81	33.35	8.37	7.93	9.8	2.677	101.5
105	6/2/2012 13:46:32	15.14	50.72	33.29	8.47	7.94	10.5	2.593	103.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
106	6/2/2012 14:01:33	15.36	50.71	33.29	8.65	7.97	12.2	2.505	106.0
107	6/2/2012 14:16:33	15.67	50.65	33.25	8.64	7.96	10.6	2.431	106.5
108	6/2/2012 14:31:32	15.99	50.57	33.20	8.34	7.95	10.4	2.354	103.4
109	6/2/2012 14:46:32	16.22	50.51	33.16	8.27	7.95	10.1	2.281	102.9
110	6/2/2012 15:01:32	16.60	50.53	33.18	9.00	8.01	10.6	2.205	112.9
111	6/2/2012 15:16:32	16.92	50.33	33.04	7.97	7.93	11.8	2.133	100.4
112	6/2/2012 15:31:32	17.10	50.38	33.08	8.65	8.00	10.9	2.080	109.5
113	6/2/2012 15:46:32	17.29	50.30	33.02	8.31	7.98	11.6	2.050	105.5
114	6/2/2012 16:01:32	17.44	50.25	32.99	8.35	7.99	12.4	2.021	106.4
115	6/2/2012 16:16:32	17.50	50.25	32.98	8.02	7.98	10.2	2.002	102.2
116	6/2/2012 16:31:32	17.41	50.28	33.00	8.26	7.97	9.2	2.005	105.1
117	6/2/2012 16:46:32	17.26	50.24	32.98	7.97	7.94	9.7	2.011	101.2
118	6/2/2012 17:01:32	17.18	50.25	32.98	7.95	7.94	9.7	2.073	100.7
119	6/2/2012 17:16:33	17.15	50.23	32.97	7.76	7.91	10.2	2.119	98.2
120	6/2/2012 17:31:32	16.84	50.27	33.00	7.68	7.91	10.8	2.190	96.7
121	6/2/2012 17:46:32	16.79	50.29	33.01	7.69	7.90	10.1	2.266	96.8
122	6/2/2012 18:01:32	16.85	50.26	32.99	7.68	7.90	9.5	2.346	96.6
123	6/2/2012 18:16:32	16.53	50.35	33.05	7.67	7.90	8.8	2.434	96.0
124	6/2/2012 18:31:33	16.15	50.44	33.11	7.63	7.89	8.1	2.514	94.8
125	6/2/2012 18:46:32	15.61	50.55	33.18	7.56	7.88	8.4	2.598	92.9
126	6/2/2012 19:01:33	15.29	50.61	33.22	7.49	7.87	8.7	2.680	91.6
127	6/2/2012 19:16:33	14.76	50.73	33.29	7.48	7.86	9.4	2.775	90.5
128	6/2/2012 19:31:32	14.32	50.83	33.35	7.44	7.86	9.9	2.868	89.3
129	6/2/2012 19:46:33	14.12	50.87	33.38	7.44	7.85	9.7	2.953	89.0
130	6/2/2012 20:01:32	13.62	50.99	33.45	7.48	7.85	10.8	3.060	88.5
131	6/2/2012 20:16:33	12.95	51.13	33.52	7.56	7.84	15.5	3.163	88.3
132	6/2/2012 20:31:33	12.47	51.26	33.60	7.58	7.84	14.8	3.268	87.7
133	6/2/2012 20:46:32	12.01	51.38	33.66	7.60	7.83	12.4	3.361	87.1
134	6/2/2012 21:01:32	11.61	51.47	33.71	7.70	7.83	12.3	3.470	87.5
135	6/2/2012 21:16:33	11.40	51.52	33.73	7.82	7.84	12.7	3.575	88.5
136	6/2/2012 21:31:33	11.27	51.54	33.74	7.87	7.84	10.7	3.655	88.9
137	6/2/2012 21:46:33	11.11	51.59	33.77	7.94	7.84	9.4	3.740	89.4
138	6/2/2012 22:01:33	10.99	51.62	33.78	7.98	7.85	7.6	3.829	89.6
139	6/2/2012 22:16:33	10.82	51.66	33.80	7.93	7.85	6.2	3.879	88.7
140	6/2/2012 22:31:33	10.67	51.68	33.80	7.86	7.85	4.4	3.916	87.7
141	6/2/2012 22:46:33	10.75	51.67	33.80	7.75	7.84	5.2	3.956	86.6
142	6/2/2012 23:01:33	10.93	51.66	33.81	7.74	7.84	5.9	3.949	86.9
143	6/2/2012 23:16:33	10.92	51.62	33.78	7.78	7.84	8.8	3.910	87.2
144	6/2/2012 23:31:33	10.98	51.60	33.77	7.80	7.84	7.1	3.868	87.6
145	6/2/2012 23:46:33	11.42	51.53	33.74	7.74	7.84	10.9	3.780	87.7
146	6/3/2012 0:01:33	11.21	51.58	33.76	7.86	7.84	9.8	3.679	88.7
147	6/3/2012 0:16:33	11.32	51.50	33.71	7.87	7.85	11.1	3.556	89.0
148	6/3/2012 0:31:33	12.72	51.20	33.56	7.51	7.85	11.1	3.435	87.4
149	6/3/2012 0:46:33	13.00	51.14	33.53	7.57	7.86	14.7	3.311	88.5
150	6/3/2012 1:01:33	13.10	51.11	33.51	7.53	7.86	13.9	3.174	88.3
151	6/3/2012 1:16:33	13.21	51.10	33.51	7.52	7.86	14.5	3.038	88.4
152	6/3/2012 1:31:33	13.29	51.09	33.51	7.49	7.85	11.5	2.896	88.1
153	6/3/2012 1:46:33	14.03	50.94	33.42	7.40	7.85	11.9	2.755	88.4
154	6/3/2012 2:01:33	13.19	51.18	33.57	7.45	7.84	10.3	2.600	87.5
155	6/3/2012 2:16:33	13.98	50.97	33.44	7.33	7.84	10.6	2.460	87.5
156	6/3/2012 2:31:33	13.55	50.89	33.37	7.45	7.84	11.7	2.305	88.1
157	6/3/2012 2:46:33	14.34	50.84	33.36	7.32	7.85	12.8	2.123	87.9
158	6/3/2012 3:01:32	14.78	50.73	33.29	7.24	7.85	12.3	1.971	87.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	6/3/2012 3:16:33	15.17	50.70	33.28	7.20	7.85	13.9	1.801	87.9
160	6/3/2012 3:31:33	15.55	50.63	33.24	7.15	7.85	14.4	1.633	87.9
161	6/3/2012 3:46:32	16.22	50.43	33.10	7.16	7.88	17.3	1.452	89.1
162	6/3/2012 4:01:33	16.17	50.43	33.10	7.17	7.88	15.0	1.287	89.1
163	6/3/2012 4:16:33	16.27	50.40	33.08	7.15	7.88	14.8	1.135	89.1
164	6/3/2012 4:31:33	16.49	50.36	33.05	7.07	7.88	14.8	0.986	88.4
165	6/3/2012 4:46:33	16.81	50.29	33.01	7.03	7.88	14.8	0.861	88.4
166	6/3/2012 5:01:32	16.79	50.26	32.98	7.06	7.89	11.5	0.769	88.7
167	6/3/2012 5:16:32	16.62	50.35	33.05	6.81	7.88	9.5	0.763	85.3
168	6/3/2012 5:31:32	17.34	50.20	32.95	7.06	7.90	14.5	0.787	89.7
169	6/3/2012 5:46:33	17.36	50.18	32.94	7.02	7.91	13.7	0.871	89.3
170	6/3/2012 6:01:32	17.32	50.18	32.94	7.02	7.90	13.7	0.981	89.1
171	6/3/2012 6:16:32	17.31	50.18	32.93	6.98	7.90	13.4	1.051	88.6
172	6/3/2012 6:31:32	17.27	50.18	32.93	6.93	7.89	12.9	1.125	87.9
173	6/3/2012 6:46:32	17.20	49.99	32.79	6.89	7.88	16.5	1.207	87.2
174	6/3/2012 7:01:32	17.13	50.12	32.89	6.85	7.88	12.5	1.255	86.7
175	6/3/2012 7:16:33	17.10	50.03	32.82	6.85	7.87	15.0	1.324	86.6
176	6/3/2012 7:31:32	17.04	49.81	32.66	6.86	7.86	15.9	1.409	86.5
177	6/3/2012 7:46:32	16.88	50.04	32.83	6.84	7.86	15.0	1.487	86.0
178	6/3/2012 8:01:32	16.76	50.05	32.83	6.83	7.86	17.1	1.608	85.8
179	6/3/2012 8:16:33	16.62	50.08	32.85	6.87	7.85	18.4	1.701	86.1
180	6/3/2012 8:31:32	16.36	50.17	32.91	6.90	7.85	15.8	1.810	86.0
181	6/3/2012 8:46:33	16.22	50.19	32.93	6.97	7.84	13.1	1.945	86.6
182	6/3/2012 9:01:33	15.78	50.42	33.09	7.02	7.84	13.3	2.056	86.6
183	6/3/2012 9:16:33	15.48	50.55	33.18	7.10	7.84	12.4	2.179	87.1
184	6/3/2012 9:31:33	15.39	50.58	33.20	7.10	7.84	11.5	2.288	87.0
185	6/3/2012 9:46:32	15.25	50.61	33.21	7.13	7.84	13.2	2.403	87.1
186	6/3/2012 10:01:33	14.96	50.66	33.25	7.15	7.84	15.1	2.509	86.8
187	6/3/2012 10:16:32	14.71	50.71	33.27	7.13	7.83	15.5	2.610	86.2
188	6/3/2012 10:31:32	14.30	50.76	33.30	7.20	7.83	18.9	2.695	86.4
189	6/3/2012 10:46:33	13.93	50.85	33.35	7.23	7.82	18.5	2.786	86.1
190	6/3/2012 11:01:32	13.24	51.02	33.45	7.34	7.82	17.1	2.878	86.2
191	6/3/2012 11:16:33	12.70	51.19	33.56	7.44	7.83	14.5	2.945	86.5
192	6/3/2012 11:31:33	12.41	51.26	33.59	7.46	7.83	14.5	3.017	86.3
193	6/3/2012 11:46:33	12.21	51.30	33.62	7.46	7.83	13.4	3.085	85.9
194	6/3/2012 12:01:33	11.98	51.36	33.65	7.48	7.83	10.5	3.139	85.7
195	6/3/2012 12:16:33	11.84	51.40	33.67	7.51	7.83	7.1	3.185	85.9
196	6/3/2012 12:31:33	11.81	51.41	33.67	7.49	7.83	5.5	3.199	85.6
197	6/3/2012 12:46:32	12.09	51.41	33.69	7.36	7.83	7.5	3.211	84.5
198	6/3/2012 13:01:33	12.04	51.36	33.65	7.33	7.82	7.8	3.182	84.1
199	6/3/2012 13:16:33	11.94	51.39	33.66	7.39	7.83	7.9	3.142	84.6
200	6/3/2012 13:31:33	12.15	51.36	33.65	7.33	7.83	9.5	3.074	84.3
201	6/3/2012 13:46:33	13.28	51.12	33.53	7.53	7.85	12.5	2.997	88.6
202	6/3/2012 14:01:33	13.70	51.09	33.52	7.96	7.89	8.8	2.916	94.5
203	6/3/2012 14:16:33	13.79	51.00	33.46	7.62	7.86	13.4	2.823	90.5
204	6/3/2012 14:31:33	14.12	50.92	33.41	7.57	7.86	13.3	2.717	90.5
205	6/3/2012 14:46:33	14.77	50.77	33.32	7.62	7.88	11.1	2.641	92.3
206	6/3/2012 15:01:33	15.01	50.72	33.29	7.56	7.88	10.3	2.569	91.9
207	6/3/2012 15:16:33	15.16	50.70	33.28	7.71	7.89	9.2	2.484	94.1
208	6/3/2012 15:31:33	15.37	50.67	33.26	8.07	7.92	10.0	2.394	98.8
209	6/3/2012 15:46:32	15.39	50.67	33.26	7.92	7.91	8.6	2.344	97.1
210	6/3/2012 16:01:33	15.77	50.55	33.18	7.82	7.90	9.2	2.271	96.5
211	6/3/2012 16:16:32	16.04	50.50	33.15	7.98	7.92	9.7	2.207	99.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
212	6/3/2012 16:31:32	15.92	50.58	33.21	8.50	7.97	9.4	2.142	105.2
213	6/3/2012 16:46:32	16.14	50.55	33.19	8.44	7.97	10.1	2.075	104.9
214	6/3/2012 17:01:32	16.72	50.35	33.05	7.93	7.93	11.1	2.084	99.6
215	6/3/2012 17:16:32	16.93	50.28	33.00	7.60	7.91	11.1	2.044	95.8
216	6/3/2012 17:31:32	16.68	50.40	33.09	7.60	7.91	11.5	2.067	95.4
217	6/3/2012 17:46:32	16.36	50.39	33.07	7.71	7.91	10.4	2.084	96.3
218	6/3/2012 18:01:32	16.29	50.39	33.08	7.71	7.90	10.9	2.123	96.0
219	6/3/2012 18:16:32	16.22	50.41	33.09	7.63	7.89	12.2	2.209	94.9
220	6/3/2012 18:31:32	16.24	50.30	33.00	7.67	7.89	12.4	2.264	95.4
221	6/3/2012 18:46:33	16.14	50.30	33.01	7.62	7.88	10.9	2.357	94.7
222	6/3/2012 19:01:33	15.78	50.47	33.12	7.56	7.87	10.3	2.458	93.2
223	6/3/2012 19:16:33	15.07	50.66	33.24	7.61	7.87	10.6	2.541	92.7
224	6/3/2012 19:31:33	14.65	50.76	33.31	7.53	7.86	10.3	2.613	91.0
225	6/3/2012 19:46:32	14.10	50.87	33.37	7.50	7.85	9.6	2.701	89.6
226	6/3/2012 20:01:33	13.89	50.91	33.39	7.50	7.85	9.5	2.801	89.3
227	6/3/2012 20:16:32	13.75	50.93	33.41	7.51	7.85	10.2	2.893	89.1
228	6/3/2012 20:31:33	13.40	51.05	33.48	7.50	7.84	11.3	2.980	88.4
229	6/3/2012 20:46:33	12.69	51.19	33.56	7.55	7.84	14.4	3.092	87.8
230	6/3/2012 21:01:33	12.11	51.28	33.59	7.63	7.84	18.9	3.192	87.6
231	6/3/2012 21:16:33	11.63	51.43	33.68	7.67	7.84	15.5	3.301	87.3
232	6/3/2012 21:31:33	11.31	51.51	33.72	7.74	7.84	13.9	3.406	87.5
233	6/3/2012 21:46:33	10.94	51.59	33.75	7.86	7.85	13.0	3.501	88.1
234	6/3/2012 22:01:33	10.64	51.66	33.79	7.93	7.86	12.6	3.605	88.4
235	6/3/2012 22:16:33	10.39	51.71	33.81	8.00	7.87	10.6	3.692	88.8
236	6/3/2012 22:31:33	10.34	51.72	33.81	7.99	7.87	9.9	3.793	88.5
237	6/3/2012 22:46:33	10.30	51.73	33.82	8.00	7.87	7.3	3.860	88.5
238	6/3/2012 23:01:33	10.29	51.73	33.82	8.01	7.87	6.4	3.939	88.7
239	6/3/2012 23:16:33	10.27	51.74	33.82	8.05	7.88	5.4	3.988	89.1
240	6/3/2012 23:31:33	10.25	51.75	33.83	8.05	7.88	5.0	4.012	89.0
241	6/3/2012 23:46:33	10.83	51.60	33.76	7.79	7.87	5.3	4.040	87.2
242	6/4/2012 0:01:33	10.53	51.68	33.80	7.81	7.86	7.1	4.012	86.9
243	6/4/2012 0:16:33	10.55	51.69	33.81	7.85	7.86	6.8	3.980	87.3
244	6/4/2012 0:31:33	10.63	51.66	33.79	7.81	7.86	7.2	3.884	87.1
245	6/4/2012 0:46:33	10.68	51.64	33.78	7.82	7.86	8.5	3.803	87.2
246	6/4/2012 1:01:33	10.54	51.68	33.79	7.94	7.87	6.4	3.687	88.4
247	6/4/2012 1:16:33	11.48	51.44	33.68	7.68	7.85	8.3	3.542	87.1
248	6/4/2012 1:31:33	11.93	51.31	33.61	7.59	7.85	12.2	3.436	86.8
249	6/4/2012 1:46:33	12.07	51.29	33.60	7.56	7.85	13.0	3.304	86.8
250	6/4/2012 2:01:33	12.42	51.24	33.58	7.52	7.85	11.6	3.151	86.9
251	6/4/2012 2:16:33	12.80	51.13	33.52	7.48	7.85	9.8	3.002	87.1
252	6/4/2012 2:31:33	12.28	51.21	33.55	7.53	7.85	9.4	2.850	86.8
253	6/4/2012 2:46:33	12.99	51.09	33.49	7.42	7.84	10.3	2.686	86.7
254	6/4/2012 3:01:33	12.84	51.01	33.43	7.45	7.84	10.4	2.549	86.8
255	6/4/2012 3:16:33	13.87	50.95	33.42	7.31	7.84	10.8	2.369	87.0
256	6/4/2012 3:31:32	13.75	50.91	33.39	7.27	7.84	10.6	2.212	86.3
257	6/4/2012 3:46:33	13.93	50.90	33.39	7.21	7.83	11.5	2.038	85.9
258	6/4/2012 4:01:32	14.32	50.74	33.29	7.19	7.84	13.3	1.884	86.2
259	6/4/2012 4:16:32	14.68	50.67	33.24	7.10	7.84	14.2	1.706	85.8
260	6/4/2012 4:31:33	14.95	50.60	33.20	7.03	7.84	14.7	1.521	85.4
261	6/4/2012 4:46:33	15.15	50.57	33.18	7.04	7.84	15.1	1.355	85.8
262	6/4/2012 5:01:33	15.42	50.49	33.13	7.03	7.85	14.5	1.193	86.1
263	6/4/2012 5:16:33	15.55	50.47	33.12	6.99	7.85	15.9	1.006	85.8
264	6/4/2012 5:31:33	15.68	50.39	33.06	6.92	7.85	15.1	0.868	85.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
265	6/4/2012 5:46:32	15.87	50.38	33.06	6.85	7.85	13.9	0.721	84.6
266	6/4/2012 6:01:33	16.24	50.25	32.97	6.85	7.86	11.2	0.672	85.2
267	6/4/2012 6:16:32	16.34	50.17	32.91	6.85	7.86	11.7	0.643	85.3
268	6/4/2012 6:31:32	16.59	50.07	32.85	6.91	7.87	12.5	0.709	86.4
269	6/4/2012 6:46:32	16.52	50.10	32.87	6.93	7.87	12.6	0.841	86.6
270	6/4/2012 7:01:32	16.47	50.10	32.87	6.86	7.86	13.9	0.919	85.6
271	6/4/2012 7:16:33	16.44	50.12	32.88	6.83	7.85	13.7	1.036	85.3
272	6/4/2012 7:31:33	16.32	49.88	32.70	6.87	7.85	15.0	1.119	85.4
273	6/4/2012 7:46:32	16.25	49.80	32.64	6.75	7.83	13.7	1.182	83.8
274	6/4/2012 8:01:32	16.22	49.78	32.63	6.76	7.83	13.4	1.263	83.9
275	6/4/2012 8:16:32	16.14	50.10	32.86	6.73	7.83	12.9	1.328	83.5
276	6/4/2012 8:31:32	16.05	49.85	32.68	6.71	7.82	15.6	1.457	83.1
277	6/4/2012 8:46:33	15.91	50.06	32.83	6.77	7.82	15.8	1.533	83.6
278	6/4/2012 9:01:33	15.90	50.13	32.88	6.85	7.82	14.3	1.644	84.6
279	6/4/2012 9:16:33	15.76	50.21	32.93	6.91	7.82	17.2	1.772	85.2
280	6/4/2012 9:31:33	15.30	50.42	33.08	7.00	7.82	12.2	1.876	85.5
281	6/4/2012 9:46:32	15.21	50.48	33.12	7.08	7.83	13.2	2.011	86.4
282	6/4/2012 10:01:33	15.03	50.58	33.19	7.16	7.83	12.6	2.133	87.1
283	6/4/2012 10:16:33	14.87	50.63	33.22	7.17	7.83	14.1	2.256	86.9
284	6/4/2012 10:31:33	14.70	50.66	33.24	7.19	7.83	13.7	2.373	86.9
285	6/4/2012 10:46:32	14.35	50.72	33.27	7.21	7.83	14.7	2.484	86.5
286	6/4/2012 11:01:32	14.04	50.78	33.30	7.26	7.83	16.9	2.596	86.7
287	6/4/2012 11:16:33	13.68	50.85	33.35	7.33	7.82	16.6	2.682	86.9
288	6/4/2012 11:31:33	13.21	50.96	33.41	7.39	7.82	19.8	2.786	86.8
289	6/4/2012 11:46:32	12.57	51.13	33.51	7.57	7.84	17.8	2.883	87.8
290	6/4/2012 12:01:33	12.35	51.20	33.55	7.62	7.84	17.8	2.972	87.9
291	6/4/2012 12:16:33	12.15	51.24	33.57	7.64	7.84	19.8	3.066	87.8
292	6/4/2012 12:31:33	11.90	51.28	33.58	7.69	7.84	15.6	3.168	88.0
293	6/4/2012 12:46:33	11.56	51.30	33.58	7.90	7.85	13.4	3.241	89.7
294	6/4/2012 13:01:33	11.29	51.32	33.58	8.05	7.85	8.9	3.305	90.9
295	6/4/2012 13:16:33	11.16	51.32	33.57	8.13	7.86	6.2	3.355	91.5
296	6/4/2012 13:31:33	11.73	51.27	33.57	7.96	7.86	7.3	3.368	90.7
297	6/4/2012 13:46:33	11.20	51.31	33.57	8.06	7.85	8.1	3.346	90.8
298	6/4/2012 14:01:33	11.45	51.29	33.57	7.95	7.85	9.7	3.329	90.1
299	6/4/2012 14:16:33	11.80	51.28	33.58	7.82	7.85	11.1	3.257	89.3
300	6/4/2012 14:31:33	12.24	51.22	33.55	7.85	7.86	15.1	3.169	90.4
301	6/4/2012 14:46:33	12.43	51.13	33.50	7.96	7.87	9.6	3.083	92.0
302	6/4/2012 15:01:33	12.98	50.95	33.39	7.80	7.87	15.8	2.989	91.1
303	6/4/2012 15:16:32	13.39	50.91	33.38	7.66	7.86	16.0	2.882	90.3
304	6/4/2012 15:31:33	13.71	50.84	33.34	7.58	7.86	15.4	2.795	89.8
305	6/4/2012 15:46:33	14.08	50.72	33.26	7.53	7.86	19.5	2.708	89.9
306	6/4/2012 16:01:32	14.24	50.65	33.22	7.47	7.85	18.4	2.633	89.4
307	6/4/2012 16:16:33	14.23	50.58	33.17	7.56	7.86	15.6	2.543	90.5
308	6/4/2012 16:31:32	14.29	50.59	33.17	7.55	7.86	16.9	2.457	90.5
309	6/4/2012 16:46:33	14.15	50.55	33.14	7.66	7.86	12.6	2.387	91.4
310	6/4/2012 17:01:33	14.52	50.50	33.12	7.75	7.86	14.8	2.317	93.2
311	6/4/2012 17:16:33	14.76	50.36	33.02	7.84	7.87	16.3	2.244	94.7
312	6/4/2012 17:31:33	15.12	50.34	33.02	7.59	7.86	17.2	2.186	92.3
313	6/4/2012 17:46:33	15.21	50.30	32.99	7.79	7.88	15.0	2.148	94.9
314	6/4/2012 18:01:32	15.45	50.16	32.89	7.68	7.88	15.0	2.118	94.1
315	6/4/2012 18:16:32	15.54	50.11	32.85	7.62	7.88	13.1	2.120	93.4
316	6/4/2012 18:31:33	15.51	50.13	32.87	7.60	7.87	11.9	2.123	93.2
317	6/4/2012 18:46:33	15.35	50.15	32.88	7.55	7.87	12.2	2.142	92.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
318	6/4/2012 19:01:32	15.18	50.20	32.91	7.59	7.86	15.9	2.208	92.4
319	6/4/2012 19:16:33	15.06	50.23	32.93	7.53	7.85	16.5	2.276	91.5
320	6/4/2012 19:31:32	14.97	50.30	32.98	7.45	7.85	15.4	2.347	90.4
321	6/4/2012 19:46:33	14.94	50.24	32.93	7.57	7.85	15.1	2.442	91.7
322	6/4/2012 20:01:33	14.72	50.42	33.07	7.46	7.84	15.6	2.524	90.1
323	6/4/2012 20:16:33	14.44	50.52	33.12	7.48	7.84	16.2	2.619	89.8
324	6/4/2012 20:31:33	14.20	50.58	33.16	7.48	7.84	15.9	2.710	89.5
325	6/4/2012 20:46:33	13.61	50.74	33.27	7.54	7.84	14.3	2.796	89.2
326	6/4/2012 21:01:33	13.43	50.79	33.30	7.56	7.84	13.7	2.896	89.1
327	6/4/2012 21:16:33	13.28	50.84	33.32	7.60	7.84	12.5	2.992	89.3
328	6/4/2012 21:31:33	12.89	50.91	33.36	7.64	7.84	14.7	3.093	89.1
329	6/4/2012 21:46:33	12.35	51.00	33.40	7.74	7.84	15.0	3.198	89.3
330	6/4/2012 22:01:33	11.90	51.06	33.43	7.88	7.85	18.0	3.312	90.0
331	6/4/2012 22:16:33	11.49	51.13	33.45	8.01	7.85	16.7	3.421	90.8
332	6/4/2012 22:31:33	11.16	51.21	33.49	8.13	7.86	14.5	3.523	91.5
333	6/4/2012 22:46:33	10.91	51.27	33.52	8.23	7.86	11.7	3.624	92.1
334	6/4/2012 23:01:33	10.72	51.34	33.56	8.34	7.87	11.8	3.716	93.0
335	6/4/2012 23:16:33	10.55	51.38	33.58	8.42	7.88	10.4	3.805	93.5
336	6/4/2012 23:31:33	10.45	51.37	33.57	8.50	7.88	7.9	3.882	94.3
337	6/4/2012 23:46:33	10.40	51.35	33.55	8.52	7.89	6.9	3.948	94.3
338	6/5/2012 0:01:33	10.30	51.36	33.55	8.63	7.90	5.9	3.998	95.3
339	6/5/2012 0:16:33	10.28	51.37	33.55	8.55	7.90	6.1	4.032	94.5
340	6/5/2012 0:31:33	11.03	51.25	33.51	8.19	7.87	6.2	4.038	91.9
341	6/5/2012 0:46:33	10.75	51.29	33.53	8.15	7.87	6.2	4.023	90.9
342	6/5/2012 1:01:33	10.54	51.35	33.56	8.37	7.88	7.1	3.984	92.9
343	6/5/2012 1:16:33	10.89	51.25	33.51	8.15	7.87	7.2	3.919	91.1
344	6/5/2012 1:31:33	11.00	51.20	33.47	8.15	7.86	9.2	3.824	91.4
345	6/5/2012 1:46:33	11.38	51.13	33.45	8.09	7.86	7.1	3.724	91.5
346	6/5/2012 2:01:33	11.94	50.98	33.36	7.84	7.85	10.4	3.608	89.6
347	6/5/2012 2:16:33	11.70	50.90	33.29	7.97	7.85	11.1	3.464	90.6
348	6/5/2012 2:31:33	11.89	50.78	33.22	7.88	7.85	10.3	3.350	89.9
349	6/5/2012 2:46:33	12.19	50.66	33.14	7.79	7.84	10.6	3.203	89.4
350	6/5/2012 3:01:33	12.14	50.85	33.28	7.82	7.84	10.0	3.060	89.7
351	6/5/2012 3:16:33	12.58	50.67	33.17	7.71	7.84	10.4	2.916	89.2
352	6/5/2012 3:31:33	12.79	50.71	33.21	7.62	7.84	10.3	2.760	88.5
353	6/5/2012 3:46:33	12.70	50.68	33.19	7.63	7.84	11.5	2.604	88.5
354	6/5/2012 4:01:33	12.67	50.53	33.07	7.60	7.83	11.9	2.435	88.0
355	6/5/2012 4:16:33	13.49	50.38	33.00	7.40	7.83	15.0	2.254	87.1
356	6/5/2012 4:31:33	13.40	50.40	33.01	7.37	7.82	14.7	2.091	86.7
357	6/5/2012 4:46:33	13.82	50.32	32.96	7.29	7.82	17.2	1.909	86.5
358	6/5/2012 5:01:33	14.12	50.09	32.80	7.23	7.82	17.3	1.718	86.2
359	6/5/2012 5:16:33	14.34	50.04	32.78	7.19	7.83	18.4	1.534	86.1
360	6/5/2012 5:31:32	14.55	49.90	32.68	7.16	7.83	19.1	1.358	86.0
361	6/5/2012 5:46:32	14.76	49.76	32.58	7.11	7.83	21.1	1.163	85.7
362	6/5/2012 6:01:33	14.96	49.60	32.47	7.06	7.83	23.0	0.982	85.4
363	6/5/2012 6:16:33	15.01	49.55	32.43	6.98	7.83	23.4	0.809	84.5
364	6/5/2012 6:31:33	15.01	49.53	32.42	6.97	7.83	18.1	0.662	84.3
365	6/5/2012 6:46:33	14.90	49.56	32.44	6.81	7.81	18.1	0.631	82.3
366	6/5/2012 7:01:32	15.18	49.45	32.37	6.90	7.83	16.3	0.620	83.8
367	6/5/2012 7:16:33	15.30	49.38	32.32	6.97	7.84	15.9	0.703	84.8
368	6/5/2012 7:31:32	15.36	49.35	32.29	6.93	7.83	15.1	0.815	84.4
369	6/5/2012 7:46:32	15.38	49.32	32.27	6.88	7.83	14.2	0.926	83.8
370	6/5/2012 8:01:33	15.33	48.90	31.97	6.89	7.82	13.2	1.027	83.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
371	6/5/2012 8:16:32	15.33	49.18	32.17	6.87	7.82	11.8	1.084	83.5
372	6/5/2012 8:31:32	15.32	49.13	32.14	6.37	7.79	11.9	1.142	77.5
373	6/5/2012 8:46:32	15.29	49.05	32.07	6.63	7.76	12.1	1.210	80.5
374	6/5/2012 9:01:33	15.24	48.73	31.84	6.79	7.81	14.2	1.284	82.2
375	6/5/2012 9:16:33	15.18	48.90	31.96	6.81	7.81	14.8	1.379	82.4
376	6/5/2012 9:31:33	15.07	48.77	31.86	6.84	7.80	16.9	1.483	82.6
377	6/5/2012 9:46:33	14.96	48.65	31.78	6.92	7.80	16.1	1.608	83.3
378	6/5/2012 10:01:33	14.93	48.31	31.53	6.99	7.80	17.1	1.736	84.0
379	6/5/2012 10:16:33	14.52	48.72	31.81	7.00	7.80	14.1	1.844	83.6
380	6/5/2012 10:31:33	14.61	48.01	31.30	7.13	7.80	13.3	1.984	85.1
381	6/5/2012 10:46:32	14.43	48.95	31.98	7.12	7.81	13.1	2.114	84.9
382	6/5/2012 11:01:32	14.43	48.97	32.00	7.16	7.81	14.2	2.239	85.4
383	6/5/2012 11:16:32	14.20	49.82	32.61	7.20	7.81	16.7	2.361	85.8
384	6/5/2012 11:31:32	14.17	49.93	32.69	7.31	7.82	18.8	2.486	87.1
385	6/5/2012 11:46:33	13.98	50.03	32.75	7.28	7.81	18.8	2.597	86.5
386	6/5/2012 12:01:33	13.76	50.15	32.83	7.32	7.81	22.4	2.698	86.5
387	6/5/2012 12:16:33	13.47	50.37	32.98	7.45	7.82	23.6	2.800	87.7
388	6/5/2012 12:31:33	13.05	50.48	33.05	7.61	7.82	23.0	2.891	88.8
389	6/5/2012 12:46:33	12.48	50.66	33.16	7.88	7.84	19.1	2.980	91.0
390	6/5/2012 13:01:33	12.31	50.73	33.20	7.96	7.84	19.5	3.051	91.6
391	6/5/2012 13:16:33	12.25	50.76	33.22	8.02	7.85	16.1	3.130	92.2
392	6/5/2012 13:31:33	12.11	50.79	33.24	8.18	7.86	15.2	3.196	93.7
393	6/5/2012 13:46:33	11.90	50.85	33.27	8.51	7.89	12.5	3.254	97.1
394	6/5/2012 14:01:33	11.84	50.88	33.29	8.77	7.91	8.5	3.299	100.0
395	6/5/2012 14:16:33	11.81	50.89	33.29	8.83	7.91	6.1	3.326	100.6
396	6/5/2012 14:31:33	12.06	50.84	33.27	8.51	7.90	7.5	3.338	97.4
397	6/5/2012 14:46:33	11.90	50.88	33.29	8.81	7.91	8.3	3.310	100.5
398	6/5/2012 15:01:33	11.96	50.84	33.27	8.66	7.90	9.7	3.266	99.0
399	6/5/2012 15:16:33	12.20	50.84	33.28	8.42	7.89	13.3	3.197	96.7
400	6/5/2012 15:31:33	13.48	50.56	33.13	8.47	7.89	13.3	3.126	99.8
401	6/5/2012 15:46:33	13.59	50.55	33.12	8.47	7.90	10.8	3.028	100.0
402	6/5/2012 16:01:33	13.87	50.40	33.03	8.65	7.91	12.6	2.927	102.6
403	6/5/2012 16:16:33	13.95	50.29	32.94	8.29	7.89	16.0	2.832	98.5
404	6/5/2012 16:31:33	14.57	50.08	32.81	8.30	7.90	12.8	2.744	99.8
405	6/5/2012 16:46:33	14.64	50.24	32.93	8.98	7.96	10.6	2.656	108.1
406	6/5/2012 17:01:33	15.02	50.08	32.82	8.80	7.95	10.3	2.563	106.8
407	6/5/2012 17:16:32	15.44	49.99	32.76	9.57	8.02	9.7	2.478	117.0
408	6/5/2012 17:31:32	15.69	49.58	32.47	9.37	8.01	10.6	2.401	114.9
409	6/5/2012 17:46:32	15.85	49.39	32.34	9.33	8.00	10.8	2.325	114.8
410	6/5/2012 18:01:33	16.10	49.06	32.10	8.83	7.96	10.6	2.246	108.9
411	6/5/2012 18:16:33	16.01	49.20	32.20	9.09	7.98	9.9	2.183	112.0
412	6/5/2012 18:31:32	16.14	49.01	32.06	9.09	7.99	10.0	2.150	112.2
413	6/5/2012 18:46:32	16.16	49.00	32.05	8.80	7.97	9.4	2.112	108.7
414	6/5/2012 19:01:32	16.15	49.01	32.06	8.39	7.94	9.8	2.100	103.5
415	6/5/2012 19:16:32	15.94	49.13	32.14	8.48	7.93	8.9	2.109	104.4
416	6/5/2012 19:31:32	15.84	49.16	32.16	8.35	7.91	9.3	2.140	102.5
417	6/5/2012 19:46:33	16.01	49.01	32.06	8.29	7.91	9.4	2.185	102.1
418	6/5/2012 20:01:32	15.93	49.10	32.13	8.28	7.90	9.7	2.233	101.9
419	6/5/2012 20:16:33	16.16	48.31	31.55	8.23	7.90	12.3	2.318	101.3
420	6/5/2012 20:31:33	15.85	48.87	31.96	8.12	7.88	10.9	2.402	99.6
421	6/5/2012 20:46:32	15.64	49.13	32.14	8.04	7.88	11.0	2.480	98.4
422	6/5/2012 21:01:33	15.39	49.35	32.30	8.02	7.87	11.9	2.560	97.7
423	6/5/2012 21:16:33	14.99	49.62	32.48	8.13	7.88	9.9	2.656	98.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
424	6/5/2012 21:31:33	14.48	49.99	32.74	8.03	7.86	10.9	2.739	96.3
425	6/5/2012 21:46:33	14.14	50.13	32.83	7.99	7.86	10.3	2.819	95.2
426	6/5/2012 22:01:33	13.96	50.19	32.88	8.07	7.86	9.7	2.918	95.9
427	6/5/2012 22:16:33	13.81	50.27	32.92	8.14	7.87	10.9	3.006	96.4
428	6/5/2012 22:31:33	13.54	50.36	32.98	8.23	7.87	11.0	3.098	97.0
429	6/5/2012 22:46:33	13.03	50.56	33.11	8.47	7.89	12.7	3.198	98.9
430	6/5/2012 23:01:33	12.49	50.57	33.10	8.94	7.92	17.2	3.295	103.2
431	6/5/2012 23:16:33	12.04	50.73	33.19	9.22	7.94	13.7	3.394	105.5
432	6/5/2012 23:31:33	11.75	50.84	33.26	9.54	7.96	12.6	3.495	108.6
433	6/5/2012 23:46:33	11.58	50.90	33.29	9.73	7.98	11.7	3.591	110.3
434	6/6/2012 0:01:33	11.35	50.99	33.34	10.07	8.00	10.5	3.681	113.7
435	6/6/2012 0:16:33	11.21	51.06	33.38	10.36	8.03	9.0	3.761	116.6
436	6/6/2012 0:31:33	11.17	51.08	33.40	10.39	8.03	6.3	3.832	116.8
437	6/6/2012 0:46:33	11.10	51.12	33.42	10.50	8.03	6.4	3.892	117.9
438	6/6/2012 1:01:33	11.08	51.13	33.43	10.48	8.04	5.5	3.930	117.6
439	6/6/2012 1:16:33	11.07	51.13	33.43	10.45	8.04	3.7	3.950	117.3
440	6/6/2012 1:31:33	11.19	51.11	33.42	10.20	8.02	5.7	3.958	114.8
441	6/6/2012 1:46:33	11.22	51.03	33.37	10.13	8.02	6.2	3.934	114.1
442	6/6/2012 2:01:33	11.81	50.62	33.10	9.28	7.96	11.6	3.874	105.6
443	6/6/2012 2:16:33	11.60	50.71	33.16	9.54	7.98	8.4	3.806	108.1
444	6/6/2012 2:31:33	11.70	50.92	33.31	9.50	7.97	11.4	3.693	108.0
445	6/6/2012 2:46:33	11.62	50.99	33.36	9.62	7.98	8.3	3.587	109.2
446	6/6/2012 3:01:33	12.44	50.09	32.74	8.87	7.93	10.3	3.467	102.0
447	6/6/2012 3:16:32	13.22	49.37	32.25	8.37	7.89	13.3	3.330	97.5
448	6/6/2012 3:31:33	13.51	49.26	32.18	8.21	7.88	12.2	3.189	96.2
449	6/6/2012 3:46:33	13.44	49.44	32.31	8.16	7.87	10.6	3.058	95.6
450	6/6/2012 4:01:33	13.19	49.75	32.53	8.27	7.88	10.4	2.910	96.5
451	6/6/2012 4:16:33	13.75	49.27	32.19	8.02	7.87	17.0	2.755	94.5
452	6/6/2012 4:31:33	13.37	49.83	32.59	8.13	7.87	13.6	2.592	95.3
453	6/6/2012 4:46:33	13.63	49.55	32.39	8.04	7.87	13.2	2.442	94.6
454	6/6/2012 5:01:33	13.50	49.67	32.48	8.00	7.86	12.6	2.274	93.9
455	6/6/2012 5:16:33	13.84	49.42	32.31	7.86	7.86	13.8	2.112	92.8
456	6/6/2012 5:31:33	13.87	49.38	32.28	7.71	7.84	14.4	1.928	91.1
457	6/6/2012 5:46:33	14.11	49.30	32.22	7.60	7.84	15.9	1.753	90.2
458	6/6/2012 6:01:33	14.50	49.11	32.10	7.52	7.84	16.5	1.571	89.9
459	6/6/2012 6:16:33	14.77	48.98	32.01	7.45	7.84	15.9	1.370	89.5
460	6/6/2012 6:31:33	14.99	48.89	31.96	7.39	7.84	17.9	1.195	89.2
461	6/6/2012 6:46:33	15.14	48.85	31.93	7.35	7.84	20.3	1.013	88.9
462	6/6/2012 7:01:33	15.31	48.73	31.84	7.29	7.84	20.3	0.837	88.4
463	6/6/2012 7:16:33	15.36	48.66	31.79	7.22	7.83	16.2	0.708	87.6
464	6/6/2012 7:31:33	15.42	48.63	31.77	7.22	7.82	14.2	0.662	87.7
465	6/6/2012 7:46:32	15.53	48.62	31.77	7.23	7.84	15.1	0.658	88.0
466	6/6/2012 8:01:33	15.69	48.57	31.74	7.24	7.84	13.6	0.732	88.4
467	6/6/2012 8:16:33	15.61	48.60	31.75	7.23	7.83	12.3	0.828	88.2
468	6/6/2012 8:31:33	15.58	48.72	31.84	7.18	7.83	12.1	0.919	87.6
469	6/6/2012 8:46:33	15.55	48.41	31.62	7.16	7.82	11.2	1.007	87.1
470	6/6/2012 9:01:33	15.51	48.66	31.79	7.11	7.82	10.3	1.075	86.5
471	6/6/2012 9:16:33	15.49	48.59	31.74	7.12	7.81	9.6	1.132	86.6
472	6/6/2012 9:31:33	15.47	48.63	31.77	7.09	7.82	10.3	1.193	86.2
473	6/6/2012 9:46:33	15.43	47.97	31.29	7.12	7.81	12.3	1.270	86.3
474	6/6/2012 10:01:33	15.37	48.02	31.33	7.14	7.81	13.4	1.358	86.4
475	6/6/2012 10:16:32	15.21	48.01	31.31	7.10	7.81	15.3	1.469	85.7
476	6/6/2012 10:31:33	15.10	47.95	31.27	7.19	7.81	15.6	1.582	86.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
477	6/6/2012 10:46:33	15.05	47.81	31.17	7.20	7.81	14.2	1.693	86.5
478	6/6/2012 11:01:32	14.66	48.44	31.62	7.31	7.82	13.0	1.820	87.4
479	6/6/2012 11:16:33	14.68	48.22	31.46	7.43	7.82	13.4	1.948	88.7
480	6/6/2012 11:31:32	14.70	48.32	31.53	7.46	7.83	12.6	2.073	89.2
481	6/6/2012 11:46:33	14.84	48.28	31.50	7.56	7.83	11.4	2.205	90.7
482	6/6/2012 12:01:33	14.52	49.27	32.22	7.53	7.84	14.8	2.321	90.1
483	6/6/2012 12:16:33	14.41	49.40	32.31	7.58	7.84	16.6	2.443	90.5
484	6/6/2012 12:31:32	14.43	49.48	32.37	7.69	7.84	15.5	2.559	92.0
485	6/6/2012 12:46:33	14.14	49.53	32.39	7.77	7.85	19.7	2.663	92.4
486	6/6/2012 13:01:33	13.80	49.60	32.44	8.00	7.86	23.6	2.758	94.4
487	6/6/2012 13:16:33	13.13	49.85	32.60	8.29	7.88	22.2	2.853	96.7
488	6/6/2012 13:31:33	12.72	50.09	32.75	8.52	7.90	20.0	2.941	98.6
489	6/6/2012 13:46:33	12.45	50.36	32.94	8.59	7.91	18.1	3.027	99.0
490	6/6/2012 14:01:33	12.38	50.41	32.97	8.67	7.92	14.1	3.099	99.8
491	6/6/2012 14:16:33	12.36	50.46	33.01	8.70	7.92	14.6	3.176	100.1
492	6/6/2012 14:31:33	12.13	50.56	33.07	8.80	7.93	11.4	3.239	100.8
493	6/6/2012 14:46:33	11.93	50.67	33.14	8.84	7.94	8.0	3.284	100.8
494	6/6/2012 15:01:33	11.71	50.75	33.19	8.82	7.94	6.1	3.318	100.3
495	6/6/2012 15:16:33	11.59	50.83	33.24	8.77	7.94	4.6	3.334	99.5
496	6/6/2012 15:31:33	11.69	50.81	33.23	8.64	7.93	6.2	3.330	98.1
497	6/6/2012 15:46:33	11.67	50.80	33.22	8.70	7.93	6.9	3.288	98.7
498	6/6/2012 16:01:33	11.93	50.73	33.18	8.67	7.93	11.7	3.230	99.0
499	6/6/2012 16:16:33	13.37	50.30	32.93	8.86	7.94	12.3	3.150	104.0
500	6/6/2012 16:31:33	13.65	50.30	32.94	9.04	7.96	11.9	3.060	106.8
501	6/6/2012 16:46:33	13.87	50.20	32.88	9.33	7.98	10.4	2.980	110.6
502	6/6/2012 17:01:33	14.27	49.93	32.69	9.20	7.98	11.6	2.873	109.9
503	6/6/2012 17:16:32	13.93	50.26	32.92	9.99	8.04	9.5	2.775	118.6
504	6/6/2012 17:31:33	14.36	49.97	32.72	9.72	8.03	10.0	2.693	116.3
505	6/6/2012 17:46:33	14.93	49.64	32.50	9.76	8.03	9.8	2.606	118.0
506	6/6/2012 18:01:33	15.03	49.78	32.60	9.85	8.05	8.5	2.524	119.3
507	6/6/2012 18:16:33	15.52	49.06	32.09	9.26	8.00	11.6	2.439	112.9
508	6/6/2012 18:31:33	15.80	48.69	31.82	8.93	7.97	11.3	2.365	109.3
509	6/6/2012 18:46:32	15.74	48.79	31.90	8.98	7.99	11.2	2.306	109.9
510	6/6/2012 19:01:32	15.95	48.59	31.75	8.98	7.99	10.8	2.234	110.3
511	6/6/2012 19:16:33	15.94	48.61	31.76	9.12	7.99	10.4	2.179	111.9
512	6/6/2012 19:31:32	16.01	48.44	31.65	8.82	7.96	9.7	2.138	108.4
513	6/6/2012 19:46:32	16.03	48.40	31.62	8.46	7.93	8.6	2.118	103.9
514	6/6/2012 20:01:32	16.03	48.40	31.62	8.13	7.90	7.9	2.100	99.9
515	6/6/2012 20:16:32	15.75	48.65	31.79	8.46	7.93	8.4	2.108	103.5
516	6/6/2012 20:31:32	15.96	48.42	31.63	8.56	7.93	9.2	2.139	105.1
517	6/6/2012 20:46:33	15.88	48.50	31.69	8.43	7.92	9.9	2.196	103.3
518	6/6/2012 21:01:32	15.76	48.63	31.78	8.48	7.92	11.1	2.252	103.7
519	6/6/2012 21:16:33	16.14	48.24	31.50	8.40	7.91	11.9	2.320	103.3
520	6/6/2012 21:31:33	15.70	48.68	31.81	8.32	7.90	9.9	2.409	101.7
521	6/6/2012 21:46:32	15.51	48.84	31.93	8.28	7.90	11.7	2.492	100.9
522	6/6/2012 22:01:33	15.24	49.07	32.09	8.35	7.90	10.8	2.568	101.3
523	6/6/2012 22:16:33	14.56	49.52	32.40	8.40	7.90	10.1	2.651	100.7
524	6/6/2012 22:31:33	14.23	49.73	32.55	8.41	7.90	11.3	2.737	100.3
525	6/6/2012 22:46:33	13.97	49.92	32.67	8.46	7.91	9.8	2.815	100.4
526	6/6/2012 23:01:33	13.73	50.06	32.77	8.52	7.91	9.7	2.904	100.7
527	6/6/2012 23:16:33	13.49	50.18	32.85	8.55	7.91	10.3	2.991	100.6
528	6/6/2012 23:31:33	12.93	50.37	32.97	8.71	7.93	11.5	3.062	101.4
529	6/6/2012 23:46:33	12.67	50.41	32.98	8.76	7.93	11.0	3.169	101.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	DO%
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters	
530	6/7/2012 0:01:33	12.33	50.52	33.05	8.87	7.94	10.6	3.253	102.0
531	6/7/2012 0:16:33	12.05	50.64	33.12	8.96	7.95	9.5	3.340	102.5
532	6/7/2012 0:31:33	11.72	50.81	33.23	9.12	7.96	7.9	3.439	103.7
533	6/7/2012 0:46:33	11.47	50.92	33.30	9.29	7.97	7.8	3.519	105.1
534	6/7/2012 1:01:33	11.28	51.02	33.36	9.40	7.98	7.3	3.603	105.9
535	6/7/2012 1:16:33	11.17	51.08	33.40	9.46	7.99	6.6	3.671	106.4
536	6/7/2012 1:31:33	11.07	51.15	33.44	9.51	7.99	5.6	3.729	106.8
537	6/7/2012 1:46:33	10.99	51.20	33.48	9.60	8.00	4.2	3.787	107.6
538	6/7/2012 2:01:33	10.97	51.22	33.49	9.58	8.00	3.3	3.814	107.3
539	6/7/2012 2:16:33	11.38	51.04	33.38	9.32	7.99	5.7	3.823	105.3
540	6/7/2012 2:31:33	11.17	51.11	33.42	9.28	7.98	5.0	3.817	104.4
541	6/7/2012 2:46:33	11.04	51.18	33.46	9.47	8.00	4.7	3.777	106.3
542	6/7/2012 3:01:33	11.80	50.75	33.19	8.90	7.95	10.0	3.709	101.3
543	6/7/2012 3:16:33	11.71	50.84	33.25	8.99	7.96	9.2	3.621	102.2
544	6/7/2012 3:31:33	11.64	50.99	33.36	9.07	7.96	8.4	3.520	103.0
545	6/7/2012 3:46:33	12.06	50.67	33.14	8.77	7.94	7.9	3.400	100.4
546	6/7/2012 4:01:33	12.54	50.41	32.98	8.56	7.93	10.1	3.275	98.8
547	6/7/2012 4:16:33	12.86	50.16	32.81	8.43	7.92	9.1	3.148	97.9
548	6/7/2012 4:31:33	13.15	49.97	32.68	8.38	7.91	10.0	3.007	97.8
549	6/7/2012 4:46:33	13.17	49.91	32.64	8.33	7.91	9.9	2.879	97.2
550	6/7/2012 5:01:33	13.58	49.57	32.41	8.20	7.90	10.6	2.748	96.4
551	6/7/2012 5:16:33	13.81	49.53	32.39	8.12	7.89	11.8	2.599	95.9
552	6/7/2012 5:31:33	13.72	49.52	32.38	8.03	7.89	14.5	2.460	94.6
553	6/7/2012 5:46:33	14.11	49.25	32.19	7.91	7.88	12.9	2.290	93.8
554	6/7/2012 6:01:33	13.75	49.45	32.32	7.86	7.87	12.2	2.140	92.6
555	6/7/2012 6:16:32	14.24	49.15	32.12	7.73	7.86	12.6	1.983	91.9
556	6/7/2012 6:31:32	14.37	49.22	32.18	7.62	7.85	13.4	1.818	90.9
557	6/7/2012 6:46:33	14.81	48.94	31.99	7.58	7.85	14.8	1.644	91.1
558	6/7/2012 7:01:32	15.22	48.67	31.80	7.52	7.86	16.4	1.474	91.0
559	6/7/2012 7:16:33	15.41	48.57	31.73	7.48	7.86	15.0	1.327	90.9
560	6/7/2012 7:31:33	15.54	48.52	31.70	7.44	7.86	15.6	1.157	90.6
561	6/7/2012 7:46:33	15.68	48.55	31.72	7.39	7.85	16.3	1.023	90.2
562	6/7/2012 8:01:32	15.92	48.40	31.61	7.31	7.86	15.5	0.900	89.7
563	6/7/2012 8:16:32	15.99	48.38	31.60	7.28	7.86	13.9	0.808	89.4
564	6/7/2012 8:31:33	15.72	48.49	31.68	7.24	7.83	10.1	0.797	88.4
565	6/7/2012 8:46:33	15.83	48.46	31.66	7.30	7.85	12.1	0.828	89.4
566	6/7/2012 9:01:32	15.81	48.47	31.66	7.32	7.85	10.9	0.901	89.6
567	6/7/2012 9:16:33	15.78	48.42	31.63	7.30	7.85	10.8	1.009	89.3
568	6/7/2012 9:31:32	15.77	48.45	31.65	7.32	7.85	10.2	1.108	89.5
569	6/7/2012 9:46:32	15.70	47.54	30.98	7.28	7.84	12.3	1.179	88.5
570	6/7/2012 10:01:32	15.68	47.78	31.16	7.17	7.83	10.1	1.236	87.3
571	6/7/2012 10:16:33	15.65	47.83	31.19	7.16	7.83	10.1	1.321	87.1
572	6/7/2012 10:31:33	15.60	47.84	31.20	7.15	7.83	9.8	1.377	86.9
573	6/7/2012 10:46:33	15.53	47.85	31.21	7.15	7.83	13.4	1.463	86.8
574	6/7/2012 11:01:33	15.46	47.94	31.27	7.16	7.82	12.7	1.551	86.8
575	6/7/2012 11:16:33	15.40	47.85	31.20	7.16	7.82	14.8	1.664	86.7
576	6/7/2012 11:31:32	15.24	47.98	31.29	7.25	7.83	12.6	1.770	87.6
577	6/7/2012 11:46:33	14.96	48.12	31.39	7.37	7.83	10.9	1.877	88.5
578	6/7/2012 12:01:32	14.74	48.34	31.55	7.44	7.84	10.7	2.012	89.0
579	6/7/2012 12:16:33	14.68	48.78	31.86	7.51	7.84	10.6	2.129	89.9
580	6/7/2012 12:31:33	14.67	48.98	32.01	7.55	7.85	10.9	2.249	90.5
581	6/7/2012 12:46:33	14.58	49.09	32.09	7.59	7.85	13.4	2.366	90.9
582	6/7/2012 13:01:33	14.30	49.25	32.19	7.72	7.86	15.3	2.485	92.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
583	6/7/2012 13:16:33	14.11	49.28	32.22	7.81	7.86	15.1	2.589	92.7
584	6/7/2012 13:31:33	13.76	49.44	32.32	7.95	7.87	18.6	2.687	93.7
585	6/7/2012 13:46:33	13.52	49.61	32.43	8.04	7.88	19.4	2.782	94.4
586	6/7/2012 14:01:33	13.19	49.74	32.52	8.09	7.88	15.6	2.874	94.4
587	6/7/2012 14:16:33	12.52	50.15	32.79	8.21	7.89	13.6	2.959	94.6
588	6/7/2012 14:31:33	12.16	50.31	32.89	8.30	7.91	12.6	3.048	95.0
589	6/7/2012 14:46:33	12.11	50.46	32.99	8.29	7.91	11.6	3.124	94.9
590	6/7/2012 15:01:33	12.07	50.46	33.00	8.30	7.91	11.2	3.194	94.9
591	6/7/2012 15:16:33	12.00	50.51	33.03	8.30	7.92	8.3	3.267	94.8
592	6/7/2012 15:31:33	11.89	50.60	33.09	8.31	7.92	7.0	3.314	94.7
593	6/7/2012 15:46:33	11.61	50.76	33.19	8.35	7.92	6.1	3.345	94.6
594	6/7/2012 16:01:33	12.09	50.25	32.85	8.27	7.91	5.4	3.370	94.5
595	6/7/2012 16:16:33	11.67	50.63	33.10	8.12	7.90	5.4	3.357	92.1
596	6/7/2012 16:31:33	11.54	50.76	33.18	8.18	7.90	6.5	3.328	92.6
597	6/7/2012 16:46:33	11.74	50.50	33.00	8.19	7.91	10.3	3.273	93.1
598	6/7/2012 17:01:33	12.51	50.34	32.92	8.35	7.92	9.7	3.197	96.3
599	6/7/2012 17:16:33	12.98	50.28	32.90	8.48	7.94	8.3	3.111	98.7
600	6/7/2012 17:31:33	12.73	50.41	32.98	8.53	7.94	8.4	3.021	98.9
601	6/7/2012 17:46:33	13.32	50.05	32.74	8.34	7.92	8.5	2.927	97.8
602	6/7/2012 18:01:33	13.73	49.79	32.57	8.28	7.92	9.1	2.839	97.7
603	6/7/2012 18:16:33	13.76	49.68	32.49	8.21	7.91	9.2	2.746	96.8
604	6/7/2012 18:31:33	13.93	49.65	32.48	8.25	7.91	7.6	2.665	97.7
605	6/7/2012 18:46:33	14.39	49.21	32.17	8.10	7.90	10.4	2.586	96.6
606	6/7/2012 19:01:33	14.44	49.14	32.12	8.45	7.93	8.4	2.506	100.9
607	6/7/2012 19:16:32	14.89	48.70	31.81	8.08	7.90	8.5	2.427	97.2
608	6/7/2012 19:31:33	14.61	48.94	31.98	8.19	7.91	8.1	2.357	98.0
609	6/7/2012 19:46:33	14.98	48.57	31.72	8.06	7.90	8.7	2.291	97.1
610	6/7/2012 20:01:33	14.85	48.62	31.75	8.19	7.91	8.0	2.230	98.4
611	6/7/2012 20:16:33	15.03	48.49	31.66	7.97	7.90	7.9	2.178	96.0
612	6/7/2012 20:31:33	15.06	48.46	31.64	7.76	7.89	7.6	2.132	93.5
613	6/7/2012 20:46:33	15.09	48.43	31.62	7.73	7.88	7.2	2.111	93.2
614	6/7/2012 21:01:33	15.17	48.43	31.62	7.59	7.87	9.4	2.118	91.7
615	6/7/2012 21:16:33	14.95	48.65	31.78	7.76	7.88	7.8	2.114	93.4
616	6/7/2012 21:31:33	14.97	48.64	31.77	7.86	7.88	9.5	2.150	94.7
617	6/7/2012 21:46:33	15.04	48.56	31.71	7.80	7.87	8.4	2.200	94.1
618	6/7/2012 22:01:33	14.92	48.61	31.75	7.77	7.87	9.4	2.256	93.4
619	6/7/2012 22:16:33	14.82	48.77	31.86	7.74	7.86	9.2	2.325	93.0
620	6/7/2012 22:31:33	14.84	48.74	31.84	7.77	7.87	8.5	2.401	93.4
621	6/7/2012 22:46:33	14.67	48.96	32.00	7.84	7.87	8.7	2.480	94.0
622	6/7/2012 23:01:33	14.49	49.14	32.12	7.85	7.87	8.3	2.560	93.8
623	6/7/2012 23:16:32	14.20	49.35	32.27	7.90	7.88	8.3	2.626	94.0
624	6/7/2012 23:31:33	13.76	49.70	32.51	7.93	7.88	7.6	2.704	93.6
625	6/7/2012 23:46:33	13.63	49.79	32.57	7.93	7.88	7.6	2.778	93.4
626	6/8/2012 0:01:33	13.40	49.97	32.69	8.02	7.89	7.3	2.853	94.1
627	6/8/2012 0:16:33	13.27	50.04	32.74	8.06	7.89	6.7	2.926	94.3
628	6/8/2012 0:31:33	12.97	50.16	32.81	8.10	7.90	7.8	3.003	94.2
629	6/8/2012 0:46:33	12.63	50.37	32.95	8.12	7.90	8.1	3.086	93.9
630	6/8/2012 1:01:33	12.23	50.48	33.02	8.18	7.90	8.9	3.164	93.9
631	6/8/2012 1:16:33	11.93	50.59	33.09	8.25	7.91	8.7	3.245	94.1
632	6/8/2012 1:31:33	11.81	50.66	33.12	8.24	7.91	7.2	3.324	93.8
633	6/8/2012 1:46:33	11.57	50.78	33.20	8.30	7.91	6.6	3.401	94.0
634	6/8/2012 2:01:33	11.40	50.86	33.25	8.34	7.91	6.0	3.468	94.1
635	6/8/2012 2:16:33	11.20	50.97	33.32	8.40	7.92	5.1	3.524	94.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
636	6/8/2012 2:31:33	11.15	50.99	33.33	8.37	7.92	5.3	3.572	94.1
637	6/8/2012 2:46:33	10.94	51.08	33.39	8.48	7.92	4.3	3.617	94.9
638	6/8/2012 3:01:33	10.91	51.10	33.40	8.45	7.93	3.6	3.631	94.5
639	6/8/2012 3:16:33	11.08	51.08	33.39	8.19	7.91	3.9	3.623	91.9
640	6/8/2012 3:31:33	10.95	51.07	33.38	8.25	7.91	3.3	3.607	92.4
641	6/8/2012 3:46:33	11.08	51.16	33.45	8.19	7.91	4.7	3.563	92.0
642	6/8/2012 4:01:33	12.11	50.55	33.06	7.95	7.89	6.9	3.483	91.0
643	6/8/2012 4:16:33	12.13	50.51	33.03	7.93	7.89	7.3	3.400	90.8
644	6/8/2012 4:31:33	12.05	50.54	33.05	7.98	7.89	6.7	3.305	91.3
645	6/8/2012 4:46:33	12.69	50.13	32.78	7.73	7.87	8.7	3.197	89.5
646	6/8/2012 5:01:33	12.78	50.09	32.75	7.71	7.87	7.9	3.074	89.3
647	6/8/2012 5:16:33	12.91	50.00	32.70	7.62	7.86	8.0	2.978	88.5
648	6/8/2012 5:31:33	12.91	49.99	32.69	7.66	7.86	8.3	2.848	89.0
649	6/8/2012 5:46:33	13.13	49.87	32.61	7.62	7.86	8.7	2.722	88.9
650	6/8/2012 6:01:33	13.69	49.48	32.34	7.42	7.84	9.8	2.601	87.3
651	6/8/2012 6:16:33	13.89	49.32	32.23	7.38	7.84	12.0	2.457	87.2
652	6/8/2012 6:31:33	13.94	49.28	32.21	7.39	7.84	11.7	2.309	87.4
653	6/8/2012 6:46:33	13.70	49.45	32.32	7.40	7.84	9.7	2.185	87.1
654	6/8/2012 7:01:33	13.96	49.19	32.14	7.39	7.84	10.3	2.029	87.4
655	6/8/2012 7:16:33	14.01	49.22	32.16	7.43	7.84	10.2	1.896	88.0
656	6/8/2012 7:31:33	14.24	49.06	32.06	7.45	7.84	10.8	1.738	88.5
657	6/8/2012 7:46:33	14.43	48.92	31.96	7.39	7.84	10.6	1.594	88.1
658	6/8/2012 8:01:33	14.70	48.70	31.80	7.25	7.83	11.3	1.441	86.9
659	6/8/2012 8:16:33	14.90	48.53	31.69	7.17	7.83	11.1	1.319	86.2
660	6/8/2012 8:31:33	15.05	48.43	31.62	7.07	7.82	11.2	1.204	85.2
661	6/8/2012 8:46:33	15.21	48.36	31.57	7.08	7.82	10.9	1.109	85.6
662	6/8/2012 9:01:33	15.22	48.38	31.59	6.85	7.80	9.3	1.040	82.8
663	6/8/2012 9:16:33	15.16	48.43	31.62	7.05	7.82	10.3	1.001	85.2
664	6/8/2012 9:31:33	15.12	48.42	31.61	7.06	7.82	11.1	1.043	85.2
665	6/8/2012 9:46:32	15.07	48.44	31.63	7.06	7.82	11.5	1.086	85.1
666	6/8/2012 10:01:33	15.06	48.46	31.64	7.04	7.82	10.3	1.150	84.9
667	6/8/2012 10:16:33	15.07	48.48	31.65	7.06	7.82	10.2	1.252	85.1
668	6/8/2012 10:31:33	15.10	48.51	31.68	7.09	7.82	9.3	1.309	85.6
669	6/8/2012 10:46:33	15.21	48.09	31.37	7.14	7.82	10.3	1.378	86.2
670	6/8/2012 11:01:33	15.19	47.86	31.21	7.13	7.82	11.9	1.454	85.9
671	6/8/2012 11:16:33	15.07	47.91	31.24	7.09	7.81	10.7	1.523	85.3
672	6/8/2012 11:31:33	15.00	47.96	31.28	7.06	7.81	11.2	1.606	84.9
673	6/8/2012 11:46:33	14.95	48.03	31.33	7.04	7.81	10.6	1.688	84.5
674	6/8/2012 12:01:33	14.85	48.23	31.47	7.01	7.81	10.2	1.773	84.1
675	6/8/2012 12:16:33	14.77	48.32	31.54	7.07	7.81	10.4	1.879	84.7
676	6/8/2012 12:31:33	14.55	48.58	31.72	7.08	7.81	10.2	1.981	84.5
677	6/8/2012 12:46:33	14.54	48.76	31.85	7.21	7.82	9.5	2.087	86.1
678	6/8/2012 13:01:33	14.27	49.23	32.18	7.29	7.83	10.0	2.198	86.8
679	6/8/2012 13:16:33	14.34	49.35	32.27	7.41	7.84	10.4	2.313	88.4
680	6/8/2012 13:31:33	14.31	49.41	32.31	7.45	7.84	10.3	2.414	88.8
681	6/8/2012 13:46:33	14.08	49.50	32.37	7.43	7.84	10.3	2.525	88.2
682	6/8/2012 14:01:33	14.09	49.54	32.40	7.50	7.85	10.4	2.625	89.1
683	6/8/2012 14:16:33	14.01	49.43	32.32	7.55	7.85	10.8	2.717	89.5
684	6/8/2012 14:31:33	13.64	49.64	32.46	7.65	7.86	13.5	2.804	90.1
685	6/8/2012 14:46:33	13.49	49.78	32.56	7.73	7.86	13.4	2.898	90.8
686	6/8/2012 15:01:33	12.86	50.07	32.74	7.81	7.87	13.9	2.969	90.7
687	6/8/2012 15:16:33	12.39	50.37	32.94	7.95	7.88	12.0	3.056	91.5
688	6/8/2012 15:31:33	12.19	50.52	33.05	8.06	7.89	11.2	3.136	92.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
689	6/8/2012 15:46:33	12.07	50.61	33.10	8.08	7.90	9.9	3.194	92.5
690	6/8/2012 16:01:33	12.01	50.68	33.15	8.12	7.90	8.2	3.270	92.8
691	6/8/2012 16:16:33	11.95	50.72	33.18	8.14	7.91	6.8	3.311	92.9
692	6/8/2012 16:31:33	11.85	50.78	33.22	8.22	7.91	5.0	3.347	93.7
693	6/8/2012 16:46:33	12.25	50.37	32.93	8.05	7.90	4.9	3.367	92.3
694	6/8/2012 17:01:33	11.98	50.73	33.19	7.89	7.89	5.3	3.360	90.1
695	6/8/2012 17:16:33	11.94	50.75	33.20	8.08	7.90	5.3	3.335	92.3
696	6/8/2012 17:31:33	12.02	50.71	33.17	8.06	7.90	7.9	3.262	92.2
697	6/8/2012 17:46:33	12.97	50.36	32.96	8.18	7.91	8.9	3.217	95.3
698	6/8/2012 18:01:33	13.35	50.28	32.92	8.32	7.92	7.4	3.138	97.7
699	6/8/2012 18:16:33	13.44	50.32	32.95	8.88	7.96	8.2	3.032	104.4
700	6/8/2012 18:31:33	14.04	49.99	32.73	8.62	7.95	7.9	2.958	102.5
701	6/8/2012 18:46:33	14.18	49.80	32.60	8.41	7.93	9.3	2.882	100.2
702	6/8/2012 19:01:33	13.85	50.17	32.85	8.75	7.96	8.7	2.788	103.7
703	6/8/2012 19:16:33	13.92	50.16	32.85	9.31	8.02	6.4	2.697	110.4
704	6/8/2012 19:31:33	14.31	49.86	32.64	9.21	8.01	7.1	2.625	110.1
705	6/8/2012 19:46:33	14.33	49.95	32.71	9.53	8.05	6.9	2.557	113.9
706	6/8/2012 20:01:33	15.19	49.03	32.06	8.74	7.97	9.0	2.469	105.9
707	6/8/2012 20:16:33	14.70	49.42	32.33	8.91	7.99	8.6	2.388	107.1
708	6/8/2012 20:31:33	14.99	49.07	32.08	8.50	7.95	9.2	2.338	102.6
709	6/8/2012 20:46:33	15.25	48.79	31.89	8.31	7.93	9.8	2.264	100.7
710	6/8/2012 21:01:33	15.34	48.72	31.83	8.24	7.93	9.5	2.211	100.0
711	6/8/2012 21:16:32	15.41	48.68	31.81	8.05	7.90	9.0	2.162	97.8
712	6/8/2012 21:31:32	15.42	48.69	31.81	7.94	7.89	8.9	2.132	96.5
713	6/8/2012 21:46:33	15.44	48.69	31.82	7.80	7.88	8.7	2.119	94.8
714	6/8/2012 22:01:33	15.44	48.61	31.76	7.84	7.87	9.2	2.105	95.3
715	6/8/2012 22:16:33	15.37	48.68	31.81	7.82	7.88	7.5	2.102	95.0
716	6/8/2012 22:31:32	15.30	48.72	31.84	7.93	7.89	9.0	2.137	96.2
717	6/8/2012 22:46:32	15.49	48.67	31.81	7.98	7.90	9.2	2.177	97.2
718	6/8/2012 23:01:33	15.50	48.69	31.82	7.87	7.88	9.0	2.230	95.8
719	6/8/2012 23:16:33	15.36	48.76	31.86	7.85	7.88	10.2	2.283	95.3
720	6/8/2012 23:31:32	15.53	48.64	31.78	7.96	7.89	9.1	2.353	96.9
721	6/8/2012 23:46:33	15.41	48.70	31.82	7.89	7.89	9.6	2.421	95.9
722	6/9/2012 0:01:32	15.26	48.83	31.91	7.91	7.88	10.9	2.486	95.9
723	6/9/2012 0:16:33	14.86	49.20	32.17	7.94	7.89	8.4	2.562	95.7
724	6/9/2012 0:31:33	14.70	49.27	32.22	7.94	7.89	8.1	2.626	95.3
725	6/9/2012 0:46:33	14.47	49.41	32.32	7.94	7.89	7.5	2.687	95.0
726	6/9/2012 1:01:33	14.03	49.69	32.51	7.85	7.88	6.7	2.760	93.2
727	6/9/2012 1:16:33	13.78	49.85	32.62	7.92	7.88	7.0	2.826	93.6
728	6/9/2012 1:31:33	13.57	49.98	32.71	7.97	7.89	6.4	2.890	93.9
729	6/9/2012 1:46:33	13.46	50.04	32.75	7.98	7.89	7.3	2.954	93.8
730	6/9/2012 2:01:33	13.31	50.11	32.79	7.98	7.89	6.2	3.024	93.6
731	6/9/2012 2:16:33	13.07	50.23	32.87	8.02	7.89	6.4	3.087	93.6
732	6/9/2012 2:31:33	12.82	50.34	32.94	8.06	7.89	6.7	3.159	93.6
733	6/9/2012 2:46:33	12.60	50.40	32.98	8.10	7.90	6.2	3.219	93.7
734	6/9/2012 3:01:33	12.42	50.48	33.02	8.11	7.90	5.7	3.287	93.4
735	6/9/2012 3:16:33	12.27	50.55	33.07	8.12	7.90	5.3	3.333	93.2
736	6/9/2012 3:31:33	12.13	50.61	33.11	8.08	7.90	4.5	3.353	92.6
737	6/9/2012 3:46:33	12.05	50.66	33.14	8.07	7.89	4.5	3.396	92.3
738	6/9/2012 4:01:33	12.41	50.48	33.03	7.91	7.89	5.3	3.398	91.1
739	6/9/2012 4:16:33	12.03	50.67	33.15	7.88	7.88	3.9	3.380	90.1
740	6/9/2012 4:31:33	12.03	50.66	33.14	7.96	7.89	4.7	3.354	91.1
741	6/9/2012 4:46:33	12.17	50.60	33.10	7.97	7.89	5.4	3.300	91.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
742	6/9/2012 5:01:33	12.92	50.29	32.91	7.73	7.87	6.8	3.236	89.9
743	6/9/2012 5:16:33	12.94	50.24	32.87	7.72	7.87	7.5	3.146	89.8
744	6/9/2012 5:31:33	12.96	50.12	32.79	7.76	7.87	7.1	3.057	90.3
745	6/9/2012 5:46:33	13.43	49.89	32.63	7.63	7.86	8.4	2.969	89.5
746	6/9/2012 6:01:33	13.67	49.76	32.55	7.53	7.85	8.3	2.862	88.7
747	6/9/2012 6:16:33	13.91	49.60	32.44	7.37	7.84	8.2	2.774	87.2
748	6/9/2012 6:31:33	14.22	49.36	32.27	7.33	7.84	8.8	2.667	87.2
749	6/9/2012 6:46:33	14.40	49.26	32.21	7.41	7.84	10.4	2.550	88.4
750	6/9/2012 7:01:33	14.48	49.23	32.19	7.51	7.85	10.8	2.434	89.8
751	6/9/2012 7:16:33	14.41	49.32	32.25	7.52	7.85	10.5	2.329	89.8
752	6/9/2012 7:31:33	14.52	49.22	32.18	7.55	7.85	9.5	2.211	90.4
753	6/9/2012 7:46:33	14.60	49.21	32.18	7.66	7.86	8.9	2.078	91.8
754	6/9/2012 8:01:33	14.66	49.20	32.17	7.74	7.87	9.5	1.960	92.9
755	6/9/2012 8:16:33	14.73	49.19	32.17	7.90	7.88	8.6	1.828	95.0
756	6/9/2012 8:31:33	14.99	49.04	32.06	7.89	7.88	8.6	1.693	95.2
757	6/9/2012 8:46:33	15.26	48.92	31.98	7.76	7.88	8.7	1.584	94.1
758	6/9/2012 9:01:32	15.40	48.89	31.96	7.76	7.88	9.0	1.492	94.4
759	6/9/2012 9:16:33	15.64	48.76	31.87	7.68	7.88	9.5	1.396	93.7
760	6/9/2012 9:31:33	15.76	48.67	31.81	7.69	7.88	9.7	1.323	94.0
761	6/9/2012 9:46:32	15.77	48.69	31.82	7.63	7.88	9.1	1.261	93.3
762	6/9/2012 10:01:33	15.86	48.72	31.84	7.49	7.86	8.7	1.254	91.8
763	6/9/2012 10:16:33	15.67	48.73	31.85	7.51	7.86	9.0	1.224	91.8
764	6/9/2012 10:31:32	15.63	48.79	31.90	7.50	7.86	8.7	1.268	91.5
765	6/9/2012 10:46:33	15.69	48.71	31.84	7.47	7.86	8.1	1.303	91.2
766	6/9/2012 11:01:33	15.59	48.76	31.87	7.43	7.86	8.4	1.355	90.7
767	6/9/2012 11:16:32	15.66	48.67	31.81	7.41	7.86	8.7	1.430	90.5
768	6/9/2012 11:31:32	15.59	48.74	31.85	7.39	7.85	9.0	1.493	90.2
769	6/9/2012 11:46:33	15.95	48.14	31.42	7.44	7.86	9.8	1.565	91.2
770	6/9/2012 12:01:33	15.87	48.28	31.52	7.40	7.86	9.2	1.648	90.6
771	6/9/2012 12:16:32	15.71	48.33	31.56	7.37	7.85	9.5	1.717	90.0
772	6/9/2012 12:31:33	15.55	48.33	31.56	7.36	7.85	9.7	1.791	89.6
773	6/9/2012 12:46:33	15.48	48.47	31.66	7.24	7.84	9.2	1.866	88.0
774	6/9/2012 13:01:32	15.49	48.41	31.61	7.26	7.84	9.8	1.982	88.2
775	6/9/2012 13:16:32	15.19	48.77	31.87	7.27	7.84	8.3	2.068	88.0
776	6/9/2012 13:31:33	15.20	48.79	31.89	7.36	7.85	8.2	2.148	89.1
777	6/9/2012 13:46:33	15.21	48.96	32.01	7.53	7.85	8.6	2.253	91.2
778	6/9/2012 14:01:33	14.68	49.36	32.28	7.50	7.85	7.9	2.356	90.1
779	6/9/2012 14:16:33	14.70	49.43	32.34	7.57	7.86	8.5	2.452	90.9
780	6/9/2012 14:31:33	14.54	49.50	32.38	7.59	7.86	8.1	2.544	90.9
781	6/9/2012 14:46:33	14.45	49.57	32.43	7.57	7.86	8.5	2.647	90.5
782	6/9/2012 15:01:33	14.30	49.63	32.48	7.57	7.85	8.9	2.725	90.3
783	6/9/2012 15:16:33	14.20	49.68	32.51	7.58	7.85	8.6	2.811	90.2
784	6/9/2012 15:31:33	13.98	49.68	32.50	7.66	7.86	9.8	2.887	90.8
785	6/9/2012 15:46:33	13.79	49.81	32.59	7.77	7.87	10.1	2.959	91.8
786	6/9/2012 16:01:33	13.60	49.97	32.70	7.94	7.87	10.3	3.027	93.5
787	6/9/2012 16:16:33	13.19	50.22	32.87	8.24	7.89	9.8	3.097	96.3
788	6/9/2012 16:31:33	12.97	50.34	32.94	8.41	7.91	7.9	3.154	98.0
789	6/9/2012 16:46:33	12.90	50.47	33.04	8.39	7.91	7.2	3.202	97.6
790	6/9/2012 17:01:33	12.84	50.57	33.11	8.39	7.91	6.0	3.252	97.5
791	6/9/2012 17:16:33	12.79	50.59	33.12	8.35	7.91	5.3	3.283	97.1
792	6/9/2012 17:31:33	12.77	50.60	33.13	8.21	7.90	4.2	3.303	95.3
793	6/9/2012 17:46:33	12.74	50.63	33.15	7.89	7.87	3.6	3.304	91.6
794	6/9/2012 18:01:33	12.78	50.58	33.11	8.14	7.89	4.9	3.297	94.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
795	6/9/2012 18:16:33	13.11	50.45	33.03	8.27	7.90	10.7	3.270	96.6
796	6/9/2012 18:31:33	13.63	50.25	32.90	8.40	7.91	13.9	3.202	99.1
797	6/9/2012 18:46:33	13.73	50.28	32.93	8.81	7.95	13.3	3.133	104.3
798	6/9/2012 19:01:33	13.96	50.15	32.84	8.69	7.94	18.0	3.079	103.3
799	6/9/2012 19:16:33	13.62	50.29	32.94	8.72	7.94	12.7	2.981	102.9
800	6/9/2012 19:31:33	13.55	50.36	32.98	8.86	7.94	12.2	2.888	104.4
801	6/9/2012 19:46:33	13.55	50.31	32.95	8.76	7.94	18.3	2.804	103.2
802	6/9/2012 20:01:33	13.92	50.08	32.79	8.58	7.93	22.5	2.731	101.8
803	6/9/2012 20:16:33	14.21	49.90	32.67	8.33	7.92	28.1	2.649	99.4
804	6/9/2012 20:31:33	14.42	49.76	32.57	8.25	7.91	28.8	2.565	98.7
805	6/9/2012 20:46:33	14.91	49.46	32.37	8.00	7.90	31.9	2.486	96.6
806	6/9/2012 21:01:33	15.08	49.24	32.21	8.01	7.89	31.9	2.414	96.9
807	6/9/2012 21:16:33	15.31	49.10	32.11	8.00	7.90	32.9	2.350	97.2
808	6/9/2012 21:31:33	15.25	49.13	32.13	7.95	7.90	31.0	2.261	96.5
809	6/9/2012 21:46:32	15.48	49.03	32.07	7.84	7.89	31.5	2.199	95.6
810	6/9/2012 22:01:33	15.77	48.94	32.00	7.71	7.88	31.8	2.143	94.5
811	6/9/2012 22:16:33	15.84	48.86	31.94	7.68	7.87	33.6	2.099	94.2
812	6/9/2012 22:31:33	15.77	48.91	31.99	7.56	7.87	33.2	2.059	92.6
813	6/9/2012 22:46:33	15.90	48.83	31.92	7.46	7.86	30.0	2.030	91.6
814	6/9/2012 23:01:33	15.94	48.78	31.89	7.09	7.84	27.5	2.031	87.2
815	6/9/2012 23:16:33	15.78	48.89	31.97	7.12	7.85	26.5	2.039	87.3
816	6/9/2012 23:31:32	15.68	48.93	32.00	7.13	7.86	26.7	2.046	87.2
817	6/9/2012 23:46:32	15.73	48.80	31.90	7.52	7.85	25.6	2.094	92.0
818	6/10/2012 0:01:33	15.83	48.77	31.88	7.46	7.86	27.4	2.129	91.4
819	6/10/2012 0:16:32	15.82	48.74	31.86	7.47	7.86	27.4	2.171	91.5
820	6/10/2012 0:31:33	15.82	48.73	31.85	7.49	7.86	23.3	2.234	91.8
821	6/10/2012 0:46:33	15.71	48.75	31.86	7.46	7.86	22.9	2.298	91.3
822	6/10/2012 1:01:33	15.62	48.79	31.89	7.46	7.86	22.1	2.348	91.1
823	6/10/2012 1:16:33	15.42	48.98	32.03	7.39	7.85	25.4	2.408	89.9
824	6/10/2012 1:31:33	15.14	49.16	32.15	7.43	7.85	22.4	2.480	90.0
825	6/10/2012 1:46:33	14.89	49.33	32.27	7.47	7.85	19.1	2.536	90.1
826	6/10/2012 2:01:33	14.60	49.53	32.41	7.60	7.86	14.7	2.593	91.2
827	6/10/2012 2:16:33	14.47	49.57	32.43	7.66	7.87	12.8	2.653	91.7
828	6/10/2012 2:31:33	14.21	49.79	32.59	7.67	7.87	10.1	2.711	91.4
829	6/10/2012 2:46:33	14.02	49.92	32.67	7.84	7.88	10.1	2.776	93.1
830	6/10/2012 3:01:33	13.77	50.07	32.78	7.87	7.88	9.6	2.824	93.1
831	6/10/2012 3:16:33	13.62	50.13	32.82	7.92	7.88	10.2	2.873	93.4
832	6/10/2012 3:31:33	13.36	50.25	32.90	7.89	7.88	10.5	2.927	92.6
833	6/10/2012 3:46:33	13.20	50.33	32.94	7.89	7.89	10.9	2.981	92.3
834	6/10/2012 4:01:33	13.11	50.37	32.97	7.99	7.88	8.1	3.017	93.3
835	6/10/2012 4:16:33	13.11	50.37	32.97	7.88	7.88	8.0	3.053	92.0
836	6/10/2012 4:31:33	13.07	50.37	32.97	7.82	7.87	6.6	3.087	91.3
837	6/10/2012 4:46:33	12.98	50.41	33.00	7.85	7.86	5.9	3.112	91.5
838	6/10/2012 5:01:33	13.16	50.31	32.93	7.58	7.86	7.0	3.110	88.6
839	6/10/2012 5:16:33	13.06	50.38	32.98	7.38	7.84	5.7	3.097	86.1
840	6/10/2012 5:31:33	13.00	50.36	32.96	7.49	7.86	6.5	3.087	87.3
841	6/10/2012 5:46:33	13.31	50.12	32.80	7.49	7.86	10.9	3.041	87.8
842	6/10/2012 6:01:33	13.66	49.87	32.63	7.40	7.85	11.3	2.973	87.2
843	6/10/2012 6:16:33	13.52	50.05	32.76	7.62	7.87	13.1	2.908	89.6
844	6/10/2012 6:31:33	13.95	49.74	32.55	7.28	7.85	15.2	2.837	86.3
845	6/10/2012 6:46:33	13.94	49.81	32.59	7.40	7.85	14.6	2.750	87.8
846	6/10/2012 7:01:33	14.04	49.73	32.54	7.39	7.85	15.5	2.659	87.7
847	6/10/2012 7:16:33	14.35	49.48	32.37	7.13	7.84	13.9	2.576	85.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
848	6/10/2012 7:31:33	14.25	49.48	32.36	7.22	7.84	11.6	2.485	86.0
849	6/10/2012 7:46:33	14.26	49.55	32.41	7.39	7.85	13.6	2.390	88.0
850	6/10/2012 8:01:33	14.65	49.37	32.29	7.60	7.86	13.7	2.295	91.2
851	6/10/2012 8:16:33	14.63	49.39	32.31	7.74	7.87	15.6	2.186	92.9
852	6/10/2012 8:31:33	14.94	49.22	32.19	7.77	7.88	14.6	2.091	93.7
853	6/10/2012 8:46:33	15.19	49.05	32.08	7.66	7.89	15.2	1.994	92.8
854	6/10/2012 9:01:32	15.41	48.95	32.01	7.72	7.91	16.0	1.897	93.9
855	6/10/2012 9:16:33	15.51	48.96	32.02	8.01	7.93	14.8	1.806	97.7
856	6/10/2012 9:31:32	15.67	48.94	32.00	7.89	7.93	14.5	1.712	96.5
857	6/10/2012 9:46:33	15.80	48.88	31.96	7.66	7.93	14.7	1.658	93.9
858	6/10/2012 10:01:32	15.90	48.88	31.96	7.54	7.92	15.2	1.558	92.7
859	6/10/2012 10:16:33	15.95	48.88	31.96	7.08	7.88	14.1	1.516	87.0
860	6/10/2012 10:31:33	15.96	48.89	31.97	6.89	7.87	12.5	1.484	84.8
861	6/10/2012 10:46:33	15.98	48.87	31.96	6.84	7.87	12.4	1.454	84.2
862	6/10/2012 11:01:33	15.78	48.94	32.00	7.22	7.87	13.9	1.459	88.5
863	6/10/2012 11:16:33	15.77	48.89	31.97	7.24	7.87	18.6	1.462	88.7
864	6/10/2012 11:31:32	15.64	48.86	31.95	7.22	7.85	17.1	1.502	88.2
865	6/10/2012 11:46:33	15.61	48.94	32.00	6.99	7.85	15.2	1.530	85.4
866	6/10/2012 12:01:33	15.62	48.92	31.99	7.07	7.86	15.5	1.582	86.4
867	6/10/2012 12:16:33	15.56	48.94	32.00	7.05	7.85	14.8	1.653	86.0
868	6/10/2012 12:31:33	15.51	48.94	32.00	6.85	7.84	13.6	1.710	83.5
869	6/10/2012 12:46:33	15.57	48.95	32.01	6.92	7.84	13.3	1.774	84.4
870	6/10/2012 13:01:33	15.68	48.88	31.96	7.11	7.85	13.4	1.846	87.0
871	6/10/2012 13:16:32	15.76	48.61	31.76	7.09	7.87	13.2	1.928	86.8
872	6/10/2012 13:31:33	15.66	48.71	31.84	7.04	7.86	13.1	2.011	85.9
873	6/10/2012 13:46:33	15.60	48.71	31.84	7.14	7.86	12.9	2.086	87.1
874	6/10/2012 14:01:33	15.43	48.89	31.96	7.19	7.86	11.4	2.180	87.5
875	6/10/2012 14:16:33	15.28	49.02	32.05	7.26	7.86	11.8	2.276	88.1
876	6/10/2012 14:31:33	15.24	49.11	32.12	7.37	7.86	10.1	2.353	89.4
877	6/10/2012 14:46:32	14.87	49.45	32.35	7.48	7.87	10.3	2.436	90.2
878	6/10/2012 15:01:33	14.78	49.56	32.43	7.49	7.86	10.8	2.535	90.2
879	6/10/2012 15:16:33	14.82	49.55	32.43	7.54	7.87	11.8	2.615	90.9
880	6/10/2012 15:31:33	14.68	49.63	32.48	7.53	7.86	12.1	2.693	90.5
881	6/10/2012 15:46:33	14.62	49.67	32.51	7.55	7.86	10.7	2.775	90.7
882	6/10/2012 16:01:33	14.40	49.77	32.58	7.64	7.87	12.7	2.854	91.5
883	6/10/2012 16:16:33	14.13	49.90	32.66	7.78	7.87	13.9	2.934	92.6
884	6/10/2012 16:31:33	13.84	49.99	32.72	7.80	7.87	13.4	2.998	92.4
885	6/10/2012 16:46:33	13.60	50.10	32.79	7.91	7.87	14.1	3.071	93.3
886	6/10/2012 17:01:33	13.32	50.26	32.90	8.04	7.88	11.7	3.137	94.2
887	6/10/2012 17:16:33	13.15	50.39	32.99	8.11	7.89	9.0	3.202	94.8
888	6/10/2012 17:31:33	12.99	50.51	33.07	8.17	7.90	8.4	3.255	95.3
889	6/10/2012 17:46:33	12.88	50.59	33.12	8.14	7.90	6.1	3.290	94.8
890	6/10/2012 18:01:33	12.84	50.61	33.14	8.19	7.90	4.8	3.325	95.2
891	6/10/2012 18:16:33	13.02	50.45	33.03	7.90	7.89	5.2	3.351	92.2
892	6/10/2012 18:31:33	12.89	50.63	33.15	7.64	7.86	4.5	3.350	89.0
893	6/10/2012 18:46:33	12.93	50.58	33.12	7.89	7.88	5.3	3.329	91.9
894	6/10/2012 19:01:33	13.03	50.50	33.07	7.90	7.89	7.8	3.286	92.2
895	6/10/2012 19:16:33	13.65	50.26	32.91	8.04	7.89	8.5	3.235	95.0
896	6/10/2012 19:31:33	13.73	50.25	32.91	8.39	7.92	9.7	3.169	99.2
897	6/10/2012 19:46:33	13.66	50.31	32.95	8.42	7.93	12.8	3.081	99.5
898	6/10/2012 20:01:33	13.70	50.32	32.96	8.47	7.93	9.2	3.014	100.2
899	6/10/2012 20:16:33	13.70	50.28	32.93	8.22	7.91	12.6	2.922	97.2
900	6/10/2012 20:31:33	14.06	50.08	32.80	8.16	7.91	13.9	2.847	97.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
901	6/10/2012 20:46:33	13.65	50.36	32.98	8.26	7.92	12.5	2.769	97.6
902	6/10/2012 21:01:33	14.28	49.95	32.71	7.93	7.90	17.0	2.679	94.7
903	6/10/2012 21:16:33	14.54	49.82	32.62	7.78	7.89	17.6	2.615	93.4
904	6/10/2012 21:31:33	14.88	49.53	32.42	7.75	7.89	20.5	2.527	93.6
905	6/10/2012 21:46:33	15.39	49.12	32.13	7.56	7.87	25.8	2.448	92.1
906	6/10/2012 22:01:33	15.37	49.17	32.16	7.48	7.87	23.2	2.378	91.0
907	6/10/2012 22:16:32	15.43	49.19	32.18	7.42	7.87	20.9	2.309	90.4
908	6/10/2012 22:31:33	15.85	49.09	32.12	7.33	7.87	23.0	2.234	90.0
909	6/10/2012 22:46:32	15.88	49.14	32.15	7.30	7.88	22.5	2.156	89.7
910	6/10/2012 23:01:32	15.96	49.12	32.14	7.25	7.88	22.3	2.112	89.3
911	6/10/2012 23:16:33	16.17	49.04	32.08	7.09	7.87	22.2	2.070	87.6
912	6/10/2012 23:31:33	16.14	49.08	32.11	7.12	7.88	22.2	2.000	87.9
913	6/10/2012 23:46:33	16.29	49.05	32.09	6.85	7.87	21.1	1.978	84.9
914	6/11/2012 0:01:32	16.30	49.02	32.07	6.76	7.86	20.5	1.967	83.8
915	6/11/2012 0:16:33	16.22	49.02	32.07	6.61	7.84	23.6	1.956	81.8
916	6/11/2012 0:31:33	16.19	49.02	32.07	6.95	7.86	22.6	1.977	85.9
917	6/11/2012 0:46:33	16.12	49.05	32.09	6.94	7.86	21.4	1.993	85.7
918	6/11/2012 1:01:33	16.05	49.06	32.10	7.06	7.85	20.4	2.033	87.0
919	6/11/2012 1:16:33	16.00	49.06	32.10	7.24	7.86	20.7	2.082	89.1
920	6/11/2012 1:31:32	15.89	48.87	31.96	7.33	7.86	19.1	2.132	90.0
921	6/11/2012 1:46:33	15.87	48.79	31.90	7.28	7.86	16.7	2.191	89.4
922	6/11/2012 2:01:33	15.82	48.73	31.86	7.20	7.86	15.5	2.240	88.2
923	6/11/2012 2:16:33	15.74	48.86	31.94	7.28	7.86	18.2	2.305	89.1
924	6/11/2012 2:31:33	15.35	49.14	32.15	7.31	7.85	18.1	2.353	88.9
925	6/11/2012 2:46:33	15.21	49.27	32.23	7.32	7.84	17.3	2.406	88.9
926	6/11/2012 3:01:33	15.08	49.35	32.29	7.23	7.84	16.7	2.457	87.5
927	6/11/2012 3:16:33	14.92	49.39	32.32	7.30	7.84	14.4	2.502	88.1
928	6/11/2012 3:31:33	14.67	49.62	32.47	7.43	7.85	11.5	2.556	89.4
929	6/11/2012 3:46:33	14.55	49.72	32.54	7.57	7.86	9.6	2.603	90.8
930	6/11/2012 4:01:33	14.47	49.78	32.59	7.53	7.86	8.4	2.649	90.3
931	6/11/2012 4:16:33	14.38	49.84	32.63	7.58	7.86	8.7	2.701	90.6
932	6/11/2012 4:31:33	14.28	49.92	32.68	7.57	7.87	7.8	2.741	90.4
933	6/11/2012 4:46:33	14.21	49.95	32.70	7.60	7.87	7.8	2.786	90.6
934	6/11/2012 5:01:33	14.13	49.98	32.73	7.70	7.86	7.5	2.816	91.6
935	6/11/2012 5:16:33	14.03	50.02	32.75	7.62	7.85	6.8	2.859	90.5
936	6/11/2012 5:31:33	13.93	50.04	32.76	7.51	7.84	6.1	2.890	89.1
937	6/11/2012 5:46:33	13.85	50.06	32.77	7.40	7.83	5.4	2.904	87.7
938	6/11/2012 6:01:33	14.13	49.82	32.61	7.02	7.83	6.5	2.921	83.6
939	6/11/2012 6:16:33	13.99	50.03	32.75	6.95	7.83	5.9	2.913	82.6
940	6/11/2012 6:31:33	13.94	50.01	32.74	6.80	7.84	5.1	2.906	80.7
941	6/11/2012 6:46:33	13.93	50.01	32.74	7.06	7.84	6.1	2.861	83.8
942	6/11/2012 7:01:33	14.28	49.68	32.51	6.94	7.83	8.5	2.820	82.8
943	6/11/2012 7:16:33	14.32	49.73	32.55	7.06	7.83	8.5	2.774	84.3
944	6/11/2012 7:31:33	14.28	49.79	32.59	7.16	7.84	9.7	2.697	85.5
945	6/11/2012 7:46:33	14.44	49.62	32.47	7.15	7.83	9.6	2.651	85.5
946	6/11/2012 8:01:33	14.32	49.66	32.49	7.17	7.84	9.3	2.574	85.7
947	6/11/2012 8:16:33	14.42	49.67	32.51	7.42	7.86	13.2	2.487	88.8
948	6/11/2012 8:31:33	14.57	49.60	32.46	7.60	7.87	10.8	2.425	91.2
949	6/11/2012 8:46:33	14.81	49.48	32.38	7.38	7.87	10.3	2.345	88.9
950	6/11/2012 9:01:33	14.73	49.45	32.35	7.71	7.88	10.4	2.265	92.8
951	6/11/2012 9:16:33	15.06	49.41	32.33	7.91	7.91	10.6	2.180	95.8
952	6/11/2012 9:31:33	15.21	49.35	32.29	8.08	7.92	10.8	2.101	98.1
953	6/11/2012 9:46:33	15.64	49.15	32.15	7.96	7.94	11.7	2.038	97.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
954	6/11/2012 10:01:32	15.81	49.11	32.13	7.93	7.95	11.1	1.974	97.3
955	6/11/2012 10:16:32	15.89	49.15	32.16	8.57	8.00	11.0	1.895	105.4
956	6/11/2012 10:31:33	15.93	49.16	32.17	8.26	7.99	10.8	1.850	101.6
957	6/11/2012 10:46:32	15.86	49.17	32.17	7.63	7.96	10.1	1.803	93.8
958	6/11/2012 11:01:33	15.86	49.14	32.15	7.08	7.91	10.1	1.747	87.0
959	6/11/2012 11:16:33	15.91	49.17	32.18	7.57	7.92	9.7	1.734	93.1
960	6/11/2012 11:31:33	15.93	49.11	32.13	6.53	7.92	10.3	1.711	80.3
961	6/11/2012 11:46:32	15.71	49.14	32.15	6.47	7.84	9.7	1.700	79.2
962	6/11/2012 12:01:33	15.81	49.11	32.13	6.64	7.83	9.3	1.697	81.5
963	6/11/2012 12:16:33	15.70	49.20	32.19	6.91	7.85	11.4	1.727	84.7
964	6/11/2012 12:31:33	15.85	49.16	32.16	7.14	7.86	11.3	1.751	87.7
965	6/11/2012 12:46:33	15.96	49.15	32.16	7.13	7.87	11.2	1.770	87.8
966	6/11/2012 13:01:33	15.88	49.17	32.17	7.16	7.86	12.2	1.824	88.0
967	6/11/2012 13:16:33	15.82	49.16	32.17	7.12	7.86	13.8	1.889	87.4
968	6/11/2012 13:31:33	16.05	49.11	32.13	7.29	7.87	12.0	1.940	89.8
969	6/11/2012 13:46:33	16.16	49.05	32.09	7.22	7.86	13.3	1.996	89.2
970	6/11/2012 14:01:32	16.13	48.75	31.87	7.35	7.88	11.2	2.073	90.6
971	6/11/2012 14:16:33	15.93	48.78	31.89	7.29	7.87	11.4	2.153	89.6
972	6/11/2012 14:31:32	15.65	48.98	32.03	7.04	7.85	9.7	2.222	86.0
973	6/11/2012 14:46:33	15.76	48.94	32.00	7.11	7.85	9.6	2.301	87.1
974	6/11/2012 15:01:33	15.34	49.26	32.23	7.14	7.84	9.7	2.385	86.8
975	6/11/2012 15:16:32	15.14	49.47	32.38	7.19	7.85	9.2	2.453	87.3
976	6/11/2012 15:31:33	14.90	49.59	32.46	7.25	7.85	9.8	2.543	87.6
977	6/11/2012 15:46:33	14.69	49.72	32.55	7.31	7.85	10.6	2.616	87.9
978	6/11/2012 16:01:33	14.67	49.77	32.58	7.33	7.85	10.3	2.686	88.2
979	6/11/2012 16:16:33	14.43	49.85	32.64	7.32	7.85	10.7	2.772	87.7
980	6/11/2012 16:31:33	14.44	49.91	32.68	7.42	7.85	11.3	2.846	88.9
981	6/11/2012 16:46:33	14.26	50.01	32.75	7.48	7.85	12.0	2.911	89.4
982	6/11/2012 17:01:33	14.15	50.08	32.80	7.53	7.85	11.7	2.987	89.7
983	6/11/2012 17:16:33	13.87	50.16	32.85	7.56	7.85	10.3	3.058	89.6
984	6/11/2012 17:31:33	13.60	50.22	32.88	7.61	7.85	10.3	3.126	89.8
985	6/11/2012 17:46:33	13.48	50.30	32.94	7.61	7.85	10.2	3.185	89.5
986	6/11/2012 18:01:33	13.39	50.36	32.98	7.56	7.85	8.6	3.246	88.9
987	6/11/2012 18:16:33	13.02	50.50	33.07	7.50	7.84	6.8	3.305	87.5
988	6/11/2012 18:31:33	12.74	50.63	33.14	7.48	7.84	6.0	3.344	86.8
989	6/11/2012 18:46:33	12.62	50.69	33.18	7.42	7.84	5.4	3.371	85.9
990	6/11/2012 19:01:33	12.60	50.69	33.18	7.07	7.83	3.7	3.390	81.9
991	6/11/2012 19:16:33	12.70	50.67	33.18	6.72	7.81	3.9	3.398	78.0
992	6/11/2012 19:31:33	12.61	50.69	33.19	6.96	7.81	5.0	3.368	80.6
993	6/11/2012 19:46:33	12.95	50.54	33.09	7.25	7.83	6.5	3.333	84.5
994	6/11/2012 20:01:33	13.68	50.28	32.93	7.32	7.85	6.7	3.283	86.5
995	6/11/2012 20:16:33	14.16	50.08	32.80	7.39	7.87	6.1	3.222	88.1
996	6/11/2012 20:31:33	14.13	50.15	32.85	7.36	7.86	8.1	3.155	87.7
997	6/11/2012 20:46:33	14.62	49.99	32.75	7.70	7.88	7.8	3.065	92.7
998	6/11/2012 21:01:33	14.76	49.91	32.69	7.51	7.89	10.1	2.983	90.6
999	6/11/2012 21:16:33	14.81	49.88	32.67	7.45	7.88	10.4	2.913	90.0
1000	6/11/2012 21:31:33	14.88	49.85	32.65	7.42	7.88	9.0	2.826	89.7
1001	6/11/2012 21:46:33	15.18	49.74	32.58	7.32	7.88	8.7	2.741	89.0
1002	6/11/2012 22:01:33	15.41	49.64	32.51	7.22	7.88	8.6	2.671	88.1
1003	6/11/2012 22:16:33	15.59	49.50	32.41	7.51	7.88	10.1	2.590	91.9
1004	6/11/2012 22:31:33	15.67	49.41	32.34	7.57	7.89	11.5	2.506	92.8
1005	6/11/2012 22:46:32	15.58	49.48	32.40	7.43	7.88	11.7	2.427	90.9
1006	6/11/2012 23:01:32	15.96	49.33	32.30	7.51	7.88	10.6	2.355	92.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1007	6/11/2012 23:16:32	15.83	49.48	32.40	7.57	7.89	11.3	2.278	93.0
1008	6/11/2012 23:31:32	16.24	49.15	32.16	7.23	7.88	11.3	2.175	89.5
1009	6/11/2012 23:46:32	16.26	49.25	32.24	7.21	7.87	10.1	2.123	89.3
1010	6/12/2012 0:01:32	16.31	49.20	32.21	7.11	7.87	10.1	2.057	88.2
1011	6/12/2012 0:16:32	16.36	49.21	32.21	7.06	7.86	9.7	1.986	87.6
1012	6/12/2012 0:31:33	16.42	49.20	32.20	7.00	7.86	9.3	1.943	86.9
1013	6/12/2012 0:46:33	16.47	49.19	32.20	6.82	7.87	9.0	1.923	84.8
1014	6/12/2012 1:01:32	16.53	49.18	32.19	6.70	7.86	8.7	1.888	83.4
1015	6/12/2012 1:16:33	16.57	49.15	32.17	6.64	7.86	9.7	1.875	82.7
1016	6/12/2012 1:31:33	16.35	49.19	32.20	7.03	7.86	9.7	1.902	87.2
1017	6/12/2012 1:46:33	16.32	49.21	32.21	6.90	7.86	9.4	1.908	85.5
1018	6/12/2012 2:01:33	16.28	49.22	32.21	6.90	7.85	9.1	1.943	85.5
1019	6/12/2012 2:16:33	16.23	49.21	32.21	7.09	7.86	10.0	1.989	87.8
1020	6/12/2012 2:31:33	16.20	49.20	32.20	7.05	7.86	8.7	2.037	87.2
1021	6/12/2012 2:46:33	16.28	49.08	32.12	7.12	7.86	8.9	2.084	88.2
1022	6/12/2012 3:01:33	16.26	49.11	32.14	7.15	7.87	9.2	2.140	88.6
1023	6/12/2012 3:16:33	16.28	49.02	32.07	7.17	7.87	9.6	2.185	88.8
1024	6/12/2012 3:31:33	16.17	49.09	32.12	7.08	7.86	11.2	2.245	87.5
1025	6/12/2012 3:46:32	16.13	49.09	32.12	6.96	7.86	10.9	2.286	86.0
1026	6/12/2012 4:01:33	16.03	49.06	32.10	6.95	7.86	12.2	2.337	85.7
1027	6/12/2012 4:16:32	16.00	49.04	32.08	7.02	7.86	12.0	2.388	86.4
1028	6/12/2012 4:31:32	15.74	49.23	32.22	6.95	7.85	9.8	2.435	85.2
1029	6/12/2012 4:46:33	15.56	49.31	32.27	6.98	7.84	11.0	2.487	85.3
1030	6/12/2012 5:01:33	15.27	49.49	32.40	7.00	7.84	9.5	2.529	85.1
1031	6/12/2012 5:16:33	15.19	49.51	32.41	6.99	7.84	14.6	2.577	84.8
1032	6/12/2012 5:31:33	14.91	49.74	32.57	7.25	7.85	6.6	2.624	87.6
1033	6/12/2012 5:46:33	14.81	49.81	32.62	7.31	7.85	6.2	2.672	88.2
1034	6/12/2012 6:01:33	14.80	49.80	32.61	7.21	7.85	6.4	2.705	87.0
1035	6/12/2012 6:16:33	14.71	49.84	32.64	7.10	7.85	5.8	2.739	85.6
1036	6/12/2012 6:31:33	14.65	49.87	32.66	7.04	7.84	5.2	2.776	84.7
1037	6/12/2012 6:46:33	14.60	49.88	32.66	6.98	7.84	5.7	2.797	83.9
1038	6/12/2012 7:01:33	14.53	49.91	32.69	6.88	7.83	5.3	2.816	82.6
1039	6/12/2012 7:16:33	14.66	49.83	32.63	6.73	7.82	5.3	2.827	80.9
1040	6/12/2012 7:31:33	14.45	49.98	32.73	6.31	7.82	5.0	2.830	75.6
1041	6/12/2012 7:46:33	14.44	49.95	32.71	6.35	7.80	4.6	2.816	76.2
1042	6/12/2012 8:01:33	14.41	49.96	32.72	6.68	7.81	4.8	2.799	80.1
1043	6/12/2012 8:16:33	14.79	49.77	32.59	6.81	7.83	8.4	2.759	82.1
1044	6/12/2012 8:31:33	14.96	49.69	32.53	6.64	7.83	6.1	2.717	80.3
1045	6/12/2012 8:46:33	15.10	49.55	32.44	6.80	7.83	6.1	2.676	82.4
1046	6/12/2012 9:01:32	15.47	49.46	32.38	6.81	7.84	7.8	2.623	83.1
1047	6/12/2012 9:16:33	15.59	49.44	32.36	7.09	7.85	8.8	2.552	86.8
1048	6/12/2012 9:31:33	15.64	49.44	32.37	7.57	7.88	8.2	2.484	92.7
1049	6/12/2012 9:46:33	15.75	49.40	32.34	7.73	7.89	7.2	2.431	94.8
1050	6/12/2012 10:01:33	15.86	49.35	32.30	7.32	7.88	6.9	2.364	90.0
1051	6/12/2012 10:16:33	15.98	49.32	32.28	7.59	7.89	7.5	2.289	93.5
1052	6/12/2012 10:31:33	16.04	49.32	32.29	7.94	7.92	7.6	2.227	98.0
1053	6/12/2012 10:46:33	16.13	49.32	32.29	7.67	7.91	7.3	2.184	94.8
1054	6/12/2012 11:01:33	16.25	49.31	32.28	8.26	7.94	7.8	2.117	102.3
1055	6/12/2012 11:16:33	16.49	49.29	32.27	8.60	7.98	9.3	2.058	107.1
1056	6/12/2012 11:31:33	16.64	49.27	32.26	7.75	7.95	6.1	2.030	96.8
1057	6/12/2012 11:46:33	16.72	49.27	32.26	7.78	7.96	7.8	1.983	97.3
1058	6/12/2012 12:01:33	16.76	49.27	32.26	7.49	7.93	6.1	1.954	93.7
1059	6/12/2012 12:16:33	16.79	49.27	32.26	7.18	7.93	6.7	1.939	89.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1060	6/12/2012 12:31:33	16.72	49.27	32.26	8.10	7.94	8.9	1.932	101.3
1061	6/12/2012 12:46:33	16.58	49.30	32.28	8.15	7.95	9.3	1.934	101.7
1062	6/12/2012 13:01:33	16.49	49.28	32.26	7.66	7.92	8.7	1.938	95.3
1063	6/12/2012 13:16:33	16.46	49.28	32.26	7.61	7.91	7.9	1.965	94.7
1064	6/12/2012 13:31:33	16.63	49.24	32.24	7.54	7.90	8.5	1.977	94.1
1065	6/12/2012 13:46:33	16.42	49.26	32.25	7.35	7.89	7.8	2.019	91.3
1066	6/12/2012 14:01:33	16.34	49.26	32.25	7.31	7.88	10.1	2.077	90.7
1067	6/12/2012 14:16:33	16.40	49.24	32.24	7.45	7.88	10.1	2.105	92.5
1068	6/12/2012 14:31:33	17.11	49.07	32.12	7.39	7.89	8.9	2.169	93.0
1069	6/12/2012 14:46:33	16.74	48.97	32.04	7.46	7.89	8.2	2.234	93.2
1070	6/12/2012 15:01:33	16.24	49.12	32.14	7.10	7.86	7.0	2.286	87.9
1071	6/12/2012 15:16:33	15.85	49.26	32.24	6.90	7.84	7.8	2.350	84.8
1072	6/12/2012 15:31:33	16.00	49.26	32.25	7.15	7.86	9.4	2.419	88.1
1073	6/12/2012 15:46:33	15.67	49.43	32.36	7.09	7.85	8.1	2.492	86.8
1074	6/12/2012 16:01:33	15.28	49.62	32.49	7.15	7.84	6.9	2.553	87.0
1075	6/12/2012 16:16:33	15.16	49.68	32.53	7.25	7.84	7.2	2.628	88.1
1076	6/12/2012 16:31:33	14.68	49.87	32.66	7.19	7.84	7.6	2.697	86.5
1077	6/12/2012 16:46:33	14.52	49.94	32.70	7.22	7.84	8.2	2.764	86.7
1078	6/12/2012 17:01:33	14.32	50.00	32.75	7.18	7.83	7.3	2.833	85.8
1079	6/12/2012 17:16:33	14.16	50.06	32.79	7.25	7.83	7.6	2.904	86.4
1080	6/12/2012 17:31:33	14.03	50.11	32.82	7.23	7.83	7.8	2.972	86.0
1081	6/12/2012 17:46:33	13.86	50.17	32.85	7.28	7.83	8.3	3.041	86.3
1082	6/12/2012 18:01:33	13.73	50.24	32.90	7.25	7.83	7.3	3.104	85.7
1083	6/12/2012 18:16:33	13.65	50.27	32.92	7.19	7.83	7.2	3.174	84.9
1084	6/12/2012 18:31:33	13.47	50.34	32.97	7.32	7.83	7.4	3.237	86.1
1085	6/12/2012 18:46:33	13.32	50.41	33.01	7.24	7.83	6.9	3.289	85.0
1086	6/12/2012 19:01:33	13.17	50.47	33.05	7.27	7.83	6.2	3.340	85.1
1087	6/12/2012 19:16:33	13.07	50.51	33.07	7.24	7.83	5.9	3.377	84.6
1088	6/12/2012 19:31:32	13.02	50.54	33.10	7.15	7.83	5.1	3.417	83.4
1089	6/12/2012 19:46:32	12.97	50.56	33.11	7.01	7.82	4.2	3.439	81.7
1090	6/12/2012 20:01:32	13.06	50.58	33.13	6.75	7.81	4.3	3.420	78.9
1091	6/12/2012 20:16:33	12.95	50.57	33.12	6.84	7.81	4.0	3.411	79.7
1092	6/12/2012 20:31:32	13.07	50.52	33.08	6.87	7.81	5.0	3.401	80.2
1093	6/12/2012 20:46:32	13.45	50.35	32.97	6.99	7.83	8.1	3.330	82.2
1094	6/12/2012 21:01:32	13.96	50.21	32.89	7.07	7.84	7.3	3.266	84.1
1095	6/12/2012 21:16:32	13.80	50.26	32.92	7.21	7.84	7.5	3.215	85.4
1096	6/12/2012 21:31:33	13.68	50.29	32.94	7.06	7.82	7.8	3.152	83.4
1097	6/12/2012 21:46:33	13.74	50.28	32.93	7.25	7.83	9.4	3.052	85.8
1098	6/12/2012 22:01:33	13.89	50.28	32.94	7.53	7.83	8.8	2.968	89.4
1099	6/12/2012 22:16:32	14.02	50.24	32.91	7.47	7.84	8.8	2.902	88.9
1100	6/12/2012 22:31:33	14.01	50.27	32.93	7.40	7.83	9.7	2.812	88.0
1101	6/12/2012 22:46:32	14.41	50.15	32.86	7.23	7.84	10.3	2.720	86.7
1102	6/12/2012 23:01:32	14.84	49.91	32.69	7.32	7.85	13.6	2.634	88.4
1103	6/12/2012 23:16:32	15.20	49.66	32.52	7.21	7.86	16.9	2.554	87.6
1104	6/12/2012 23:31:33	15.48	49.68	32.54	7.23	7.85	14.2	2.469	88.3
1105	6/12/2012 23:46:32	15.77	49.57	32.46	7.16	7.86	14.2	2.371	88.0
1106	6/13/2012 0:01:32	15.86	49.54	32.44	7.24	7.87	17.8	2.288	89.2
1107	6/13/2012 0:16:32	15.89	49.53	32.44	7.27	7.88	16.3	2.207	89.5
1108	6/13/2012 0:31:32	16.19	49.49	32.42	7.22	7.88	16.4	2.101	89.4
1109	6/13/2012 0:46:32	16.34	49.46	32.39	7.16	7.88	15.2	2.031	88.9
1110	6/13/2012 1:01:32	16.26	49.47	32.40	7.11	7.88	14.7	1.968	88.2
1111	6/13/2012 1:16:32	16.39	49.45	32.39	7.06	7.88	14.2	1.882	87.8
1112	6/13/2012 1:31:32	16.61	49.37	32.33	6.94	7.89	14.4	1.835	86.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1113	6/13/2012 1:46:33	16.87	49.32	32.30	6.80	7.90	13.4	1.808	85.3
1114	6/13/2012 2:01:32	17.00	49.26	32.26	6.60	7.90	13.4	1.776	83.0
1115	6/13/2012 2:16:32	17.05	49.25	32.25	6.20	7.90	14.1	1.763	78.0
1116	6/13/2012 2:31:32	16.93	49.30	32.29	6.26	7.88	11.3	1.763	78.6
1117	6/13/2012 2:46:32	16.85	49.29	32.28	6.79	7.87	13.4	1.798	85.1
1118	6/13/2012 3:01:32	16.75	49.31	32.29	6.83	7.88	12.6	1.822	85.4
1119	6/13/2012 3:16:32	16.73	49.29	32.28	6.91	7.88	12.7	1.856	86.4
1120	6/13/2012 3:31:32	16.76	49.28	32.27	6.79	7.88	12.8	1.893	85.0
1121	6/13/2012 3:46:32	16.70	49.30	32.28	6.86	7.87	12.8	1.959	85.7
1122	6/13/2012 4:01:32	16.65	49.27	32.26	6.82	7.87	13.3	2.011	85.2
1123	6/13/2012 4:16:32	16.64	49.22	32.23	6.86	7.88	12.9	2.048	85.7
1124	6/13/2012 4:31:33	16.75	48.98	32.05	6.88	7.88	11.5	2.110	86.0
1125	6/13/2012 4:46:32	16.70	48.98	32.05	6.85	7.88	11.5	2.159	85.6
1126	6/13/2012 5:01:33	16.59	49.09	32.12	6.76	7.87	12.5	2.217	84.2
1127	6/13/2012 5:16:33	16.54	49.08	32.12	6.81	7.86	14.3	2.262	84.7
1128	6/13/2012 5:31:33	16.34	49.21	32.21	6.69	7.86	13.6	2.302	83.0
1129	6/13/2012 5:46:33	16.04	49.36	32.31	6.86	7.84	11.4	2.366	84.6
1130	6/13/2012 6:01:33	15.94	49.36	32.31	6.92	7.85	10.3	2.413	85.2
1131	6/13/2012 6:16:33	15.87	49.37	32.32	6.89	7.85	10.3	2.459	84.8
1132	6/13/2012 6:31:32	15.68	49.44	32.37	6.90	7.85	9.2	2.504	84.6
1133	6/13/2012 6:46:33	15.49	49.55	32.44	6.87	7.84	8.6	2.553	83.9
1134	6/13/2012 7:01:32	15.29	49.62	32.49	6.93	7.84	7.8	2.604	84.4
1135	6/13/2012 7:16:33	15.21	49.67	32.52	6.92	7.84	7.8	2.632	84.2
1136	6/13/2012 7:31:33	15.02	49.77	32.60	6.90	7.83	6.7	2.675	83.6
1137	6/13/2012 7:46:32	14.96	49.80	32.61	6.78	7.83	6.7	2.699	82.1
1138	6/13/2012 8:01:33	14.83	49.86	32.65	6.76	7.82	6.5	2.734	81.6
1139	6/13/2012 8:16:33	14.83	49.84	32.64	6.72	7.81	6.3	2.754	81.1
1140	6/13/2012 8:31:33	14.83	49.83	32.63	6.73	7.80	5.4	2.758	81.3
1141	6/13/2012 8:46:33	14.91	49.75	32.58	6.12	7.80	6.0	2.766	74.0
1142	6/13/2012 9:01:33	14.80	49.86	32.65	6.52	7.78	5.5	2.773	78.7
1143	6/13/2012 9:16:33	14.83	49.83	32.63	6.43	7.78	4.7	2.766	77.6
1144	6/13/2012 9:31:33	14.90	49.81	32.62	6.46	7.77	6.7	2.718	78.2
1145	6/13/2012 9:46:33	15.06	49.73	32.57	6.75	7.82	8.0	2.701	81.8
1146	6/13/2012 10:01:33	15.20	49.63	32.50	6.94	7.84	8.7	2.681	84.4
1147	6/13/2012 10:16:33	15.32	49.65	32.51	7.05	7.85	10.6	2.614	85.8
1148	6/13/2012 10:31:32	15.41	49.60	32.48	7.35	7.87	12.0	2.555	89.6
1149	6/13/2012 10:46:33	15.52	49.63	32.50	7.74	7.90	12.2	2.498	94.7
1150	6/13/2012 11:01:33	15.66	49.60	32.48	7.78	7.92	10.5	2.454	95.3
1151	6/13/2012 11:16:32	15.90	49.48	32.40	8.35	7.96	12.6	2.379	102.8
1152	6/13/2012 11:31:32	16.02	49.48	32.41	8.39	7.98	11.5	2.314	103.6
1153	6/13/2012 11:46:33	16.10	49.46	32.39	7.86	7.94	9.5	2.280	97.2
1154	6/13/2012 12:01:32	16.25	49.42	32.36	7.79	7.97	8.9	2.220	96.6
1155	6/13/2012 12:16:33	16.34	49.47	32.40	8.47	8.02	8.6	2.184	105.2
1156	6/13/2012 12:31:33	16.44	49.43	32.37	7.80	7.97	8.3	2.135	97.1
1157	6/13/2012 12:46:33	16.50	49.44	32.38	7.73	7.96	8.2	2.099	96.3
1158	6/13/2012 13:01:33	16.51	49.43	32.37	7.02	7.91	7.3	2.094	87.4
1159	6/13/2012 13:16:33	16.53	49.45	32.39	5.99	7.86	6.8	2.064	74.7
1160	6/13/2012 13:31:33	16.63	49.41	32.36	8.14	7.87	8.6	2.057	101.7
1161	6/13/2012 13:46:33	16.60	49.48	32.41	7.39	7.95	7.4	2.053	92.2
1162	6/13/2012 14:01:32	16.46	49.42	32.36	7.47	7.93	10.0	2.091	92.9
1163	6/13/2012 14:16:33	16.44	49.40	32.35	7.75	7.96	10.3	2.115	96.4
1164	6/13/2012 14:31:33	16.50	49.36	32.32	7.27	7.91	9.2	2.126	90.5
1165	6/13/2012 14:46:33	16.49	49.37	32.33	7.26	7.91	8.4	2.168	90.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1166	6/13/2012 15:01:33	16.45	49.38	32.33	7.47	7.91	9.2	2.216	93.0
1167	6/13/2012 15:16:33	16.46	49.34	32.31	7.25	7.89	8.9	2.267	90.2
1168	6/13/2012 15:31:33	16.44	49.35	32.32	7.29	7.90	8.6	2.299	90.7
1169	6/13/2012 15:46:33	16.43	49.34	32.30	7.25	7.89	8.8	2.353	90.2
1170	6/13/2012 16:01:33	16.56	49.32	32.30	7.38	7.89	8.6	2.417	92.1
1171	6/13/2012 16:16:33	16.42	49.35	32.31	7.36	7.89	8.4	2.468	91.5
1172	6/13/2012 16:31:33	16.59	49.26	32.25	7.43	7.89	8.7	2.534	92.6
1173	6/13/2012 16:46:33	16.45	49.29	32.27	7.35	7.89	8.7	2.593	91.4
1174	6/13/2012 17:01:33	16.18	49.45	32.38	7.38	7.88	9.2	2.658	91.4
1175	6/13/2012 17:16:33	15.98	49.58	32.48	7.48	7.88	9.7	2.726	92.3
1176	6/13/2012 17:31:33	15.86	49.65	32.52	7.47	7.87	8.7	2.786	92.0
1177	6/13/2012 17:46:33	15.03	49.88	32.68	7.32	7.85	7.0	2.852	88.8
1178	6/13/2012 18:01:33	14.80	49.93	32.70	7.37	7.85	6.7	2.931	89.0
1179	6/13/2012 18:16:33	13.74	50.22	32.89	7.00	7.81	6.8	2.995	82.8
1180	6/13/2012 18:31:33	13.71	50.25	32.91	6.98	7.81	7.6	3.056	82.5
1181	6/13/2012 18:46:33	13.65	50.28	32.92	7.04	7.81	7.1	3.131	83.1
1182	6/13/2012 19:01:33	13.47	50.35	32.97	7.08	7.81	8.0	3.197	83.4
1183	6/13/2012 19:16:33	13.29	50.42	33.02	7.10	7.81	7.6	3.258	83.3
1184	6/13/2012 19:31:33	13.07	50.50	33.07	7.03	7.81	7.7	3.310	82.1
1185	6/13/2012 19:46:33	12.97	50.53	33.08	7.01	7.80	6.5	3.357	81.7
1186	6/13/2012 20:01:33	12.92	50.54	33.09	7.00	7.80	6.4	3.411	81.5
1187	6/13/2012 20:16:33	12.90	50.55	33.10	6.95	7.80	4.3	3.432	80.9
1188	6/13/2012 20:31:33	13.06	50.50	33.07	6.55	7.79	4.7	3.443	76.5
1189	6/13/2012 20:46:33	12.87	50.55	33.10	6.68	7.77	3.8	3.451	77.7
1190	6/13/2012 21:01:33	12.86	50.51	33.06	6.58	7.74	4.0	3.440	76.6
1191	6/13/2012 21:16:33	12.91	50.55	33.10	6.66	7.78	5.3	3.399	77.5
1192	6/13/2012 21:31:33	13.24	50.44	33.03	6.81	7.80	6.1	3.362	79.8
1193	6/13/2012 21:46:33	13.34	50.38	32.99	6.90	7.81	6.4	3.300	81.0
1194	6/13/2012 22:01:33	13.56	50.37	32.99	7.20	7.81	8.9	3.228	84.9
1195	6/13/2012 22:16:33	13.73	50.35	32.98	7.20	7.83	7.0	3.154	85.2
1196	6/13/2012 22:31:33	13.69	50.32	32.96	7.19	7.83	6.3	3.059	85.0
1197	6/13/2012 22:46:33	13.94	50.28	32.94	7.08	7.82	6.6	2.976	84.1
1198	6/13/2012 23:01:33	13.90	50.22	32.89	7.07	7.82	6.0	2.911	83.9
1199	6/13/2012 23:16:33	13.48	50.37	32.99	7.03	7.81	5.2	2.823	82.8
1200	6/13/2012 23:31:33	13.66	50.33	32.96	7.03	7.81	5.8	2.720	83.1
1201	6/13/2012 23:46:33	14.35	50.03	32.77	7.03	7.81	8.5	2.635	84.2
1202	6/14/2012 0:01:33	15.60	49.65	32.52	7.09	7.84	13.2	2.552	86.8
1203	6/14/2012 0:16:32	15.52	49.81	32.64	7.19	7.86	11.7	2.450	88.0
1204	6/14/2012 0:31:33	15.39	49.81	32.63	7.20	7.85	11.6	2.347	87.8
1205	6/14/2012 0:46:33	16.15	49.54	32.45	7.11	7.87	15.4	2.245	88.0
1206	6/14/2012 1:01:32	16.24	49.59	32.48	7.08	7.87	16.4	2.160	87.9
1207	6/14/2012 1:16:32	16.25	49.57	32.47	6.98	7.87	15.6	2.069	86.6
1208	6/14/2012 1:31:33	16.21	49.61	32.50	6.95	7.86	14.4	1.976	86.1
1209	6/14/2012 1:46:33	16.42	49.53	32.45	6.80	7.86	15.1	1.875	84.6
1210	6/14/2012 2:01:33	16.48	49.51	32.43	6.78	7.86	13.4	1.808	84.4
1211	6/14/2012 2:16:32	16.76	49.43	32.38	6.63	7.86	13.9	1.750	83.0
1212	6/14/2012 2:31:32	16.82	49.43	32.38	6.51	7.86	13.3	1.696	81.6
1213	6/14/2012 2:46:32	16.89	49.41	32.37	6.35	7.85	13.7	1.638	79.7
1214	6/14/2012 3:01:32	16.95	49.40	32.36	5.95	7.84	13.1	1.629	74.7
1215	6/14/2012 3:16:33	16.85	49.40	32.36	6.20	7.83	13.4	1.618	77.8
1216	6/14/2012 3:31:32	16.85	49.40	32.35	6.41	7.85	13.3	1.602	80.4
1217	6/14/2012 3:46:32	16.82	49.40	32.36	6.47	7.86	13.7	1.646	81.1
1218	6/14/2012 4:01:32	16.79	49.41	32.36	6.50	7.86	12.5	1.659	81.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1219	6/14/2012 4:16:32	16.76	49.41	32.36	6.68	7.86	12.6	1.727	83.6
1220	6/14/2012 4:31:32	16.76	49.41	32.36	6.77	7.87	12.7	1.759	84.8
1221	6/14/2012 4:46:32	16.74	49.31	32.29	6.62	7.86	12.8	1.808	82.8
1222	6/14/2012 5:01:32	16.69	49.33	32.31	6.64	7.86	12.8	1.868	83.0
1223	6/14/2012 5:16:32	16.66	49.32	32.30	6.68	7.86	12.8	1.920	83.4
1224	6/14/2012 5:31:33	16.61	49.32	32.29	6.69	7.86	12.5	1.975	83.5
1225	6/14/2012 5:46:33	16.56	49.32	32.29	6.71	7.85	13.4	2.036	83.6
1226	6/14/2012 6:01:33	16.50	49.31	32.29	6.72	7.85	16.1	2.098	83.7
1227	6/14/2012 6:16:33	16.17	49.40	32.35	6.70	7.84	16.5	2.153	83.0
1228	6/14/2012 6:31:33	16.04	49.44	32.38	6.67	7.84	13.9	2.215	82.3
1229	6/14/2012 6:46:33	15.68	49.59	32.48	6.77	7.84	12.0	2.281	83.0
1230	6/14/2012 7:01:33	15.46	49.67	32.53	6.76	7.84	10.3	2.330	82.5
1231	6/14/2012 7:16:33	15.34	49.70	32.55	6.82	7.84	9.0	2.396	83.2
1232	6/14/2012 7:31:33	15.20	49.75	32.59	6.88	7.84	8.4	2.454	83.6
1233	6/14/2012 7:46:33	15.22	49.68	32.53	6.95	7.85	7.8	2.500	84.6
1234	6/14/2012 8:01:33	15.12	49.79	32.61	6.99	7.85	7.4	2.563	84.9
1235	6/14/2012 8:16:33	15.00	49.85	32.65	7.01	7.84	7.3	2.608	84.9
1236	6/14/2012 8:31:33	14.84	49.89	32.67	7.00	7.84	7.0	2.647	84.5
1237	6/14/2012 8:46:33	14.76	49.92	32.69	6.97	7.83	6.7	2.695	84.1
1238	6/14/2012 9:01:33	14.66	49.94	32.71	6.88	7.83	6.4	2.727	82.8
1239	6/14/2012 9:16:33	14.61	49.95	32.72	6.80	7.82	6.1	2.764	81.8
1240	6/14/2012 9:31:33	14.52	49.97	32.73	6.68	7.81	5.6	2.784	80.1
1241	6/14/2012 9:46:33	14.48	49.98	32.73	6.51	7.80	4.8	2.804	78.1
1242	6/14/2012 10:01:33	14.79	49.83	32.63	6.40	7.79	5.7	2.817	77.2
1243	6/14/2012 10:16:33	14.60	49.99	32.74	6.19	7.79	4.8	2.808	74.4
1244	6/14/2012 10:31:33	14.45	50.00	32.75	6.51	7.77	5.4	2.791	78.1
1245	6/14/2012 10:46:33	14.53	49.97	32.73	6.58	7.78	5.8	2.768	78.9
1246	6/14/2012 11:01:33	14.58	49.96	32.72	6.63	7.81	6.9	2.731	79.7
1247	6/14/2012 11:16:33	14.82	49.88	32.67	6.72	7.82	7.0	2.686	81.1
1248	6/14/2012 11:31:33	15.07	49.86	32.66	7.00	7.84	7.5	2.635	84.9
1249	6/14/2012 11:46:33	15.37	49.78	32.61	7.12	7.85	7.5	2.580	86.9
1250	6/14/2012 12:01:33	15.51	49.78	32.61	7.24	7.87	7.8	2.521	88.6
1251	6/14/2012 12:16:33	15.68	49.72	32.58	7.28	7.88	6.8	2.472	89.4
1252	6/14/2012 12:31:33	15.87	49.72	32.57	7.28	7.89	6.8	2.422	89.6
1253	6/14/2012 12:46:33	16.16	49.66	32.54	7.56	7.91	7.5	2.357	93.6
1254	6/14/2012 13:01:33	16.46	49.62	32.51	7.85	7.93	7.8	2.329	97.8
1255	6/14/2012 13:16:33	16.56	49.60	32.50	7.63	7.93	7.1	2.281	95.2
1256	6/14/2012 13:31:33	16.83	49.57	32.48	8.12	7.95	7.8	2.241	101.9
1257	6/14/2012 13:46:33	16.80	49.55	32.47	7.83	7.95	6.7	2.211	98.2
1258	6/14/2012 14:01:33	16.86	49.57	32.48	7.66	7.92	7.4	2.175	96.2
1259	6/14/2012 14:16:32	16.86	49.57	32.48	7.31	7.92	6.9	2.177	91.8
1260	6/14/2012 14:31:33	16.93	49.53	32.45	6.58	7.91	6.1	2.167	82.7
1261	6/14/2012 14:46:32	16.82	49.57	32.48	7.74	7.93	6.9	2.160	97.1
1262	6/14/2012 15:01:33	16.98	49.50	32.43	7.84	7.95	7.9	2.178	98.6
1263	6/14/2012 15:16:32	16.87	49.54	32.46	7.74	7.95	7.8	2.203	97.2
1264	6/14/2012 15:31:33	17.05	49.48	32.41	7.70	7.94	8.0	2.218	97.0
1265	6/14/2012 15:46:33	16.96	49.49	32.42	7.53	7.93	7.5	2.255	94.7
1266	6/14/2012 16:01:33	16.65	49.58	32.49	7.49	7.92	7.3	2.306	93.7
1267	6/14/2012 16:16:33	16.55	49.54	32.45	7.56	7.91	7.6	2.348	94.4
1268	6/14/2012 16:31:33	16.70	49.52	32.44	7.56	7.91	7.9	2.395	94.6
1269	6/14/2012 16:46:33	16.72	49.51	32.44	7.67	7.92	7.8	2.449	96.0
1270	6/14/2012 17:01:33	16.80	49.49	32.42	7.72	7.91	7.8	2.510	96.8
1271	6/14/2012 17:16:32	16.73	49.54	32.46	7.85	7.92	8.1	2.580	98.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1272	6/14/2012 17:31:33	16.86	49.46	32.40	7.89	7.92	7.8	2.635	98.9
1273	6/14/2012 17:46:33	16.00	49.71	32.57	7.60	7.89	7.0	2.698	93.9
1274	6/14/2012 18:01:33	16.02	49.73	32.59	7.68	7.89	7.5	2.774	94.9
1275	6/14/2012 18:16:32	14.96	49.99	32.75	7.49	7.86	7.6	2.833	90.8
1276	6/14/2012 18:31:32	15.46	49.88	32.68	7.55	7.87	7.6	2.902	92.4
1277	6/14/2012 18:46:33	14.85	49.95	32.72	7.58	7.85	6.0	2.972	91.6
1278	6/14/2012 19:01:33	14.11	50.22	32.90	7.46	7.83	6.5	3.043	88.9
1279	6/14/2012 19:16:33	13.60	50.35	32.97	7.29	7.80	7.2	3.115	86.0
1280	6/14/2012 19:31:33	13.71	50.34	32.97	7.38	7.81	7.6	3.178	87.3
1281	6/14/2012 19:46:33	13.29	50.48	33.06	7.42	7.81	9.5	3.238	87.1
1282	6/14/2012 20:01:33	13.09	50.52	33.09	7.38	7.80	7.6	3.304	86.3
1283	6/14/2012 20:16:33	12.95	50.59	33.13	7.44	7.80	7.3	3.358	86.7
1284	6/14/2012 20:31:33	12.85	50.62	33.15	7.39	7.80	6.7	3.400	86.0
1285	6/14/2012 20:46:33	12.76	50.69	33.19	7.38	7.79	5.9	3.438	85.8
1286	6/14/2012 21:01:33	12.69	50.73	33.22	7.39	7.79	5.0	3.461	85.7
1287	6/14/2012 21:16:33	13.14	50.35	32.96	7.30	7.78	5.4	3.471	85.3
1288	6/14/2012 21:31:33	12.79	50.78	33.26	6.79	7.76	4.9	3.465	78.9
1289	6/14/2012 21:46:33	12.72	50.76	33.24	6.68	7.77	4.4	3.452	77.6
1290	6/14/2012 22:01:33	12.76	50.75	33.24	7.22	7.78	6.9	3.406	83.9
1291	6/14/2012 22:16:33	13.66	50.44	33.04	7.21	7.81	8.6	3.354	85.3
1292	6/14/2012 22:31:33	13.85	50.41	33.03	7.04	7.82	7.2	3.292	83.6
1293	6/14/2012 22:46:33	14.24	50.24	32.92	6.93	7.81	12.5	3.203	82.9
1294	6/14/2012 23:01:33	14.51	50.17	32.87	7.10	7.83	163.6	3.120	85.3
1295	6/14/2012 23:16:33	14.50	50.19	32.89	7.10	7.84	149.0	3.042	85.3
1296	6/14/2012 23:31:33	14.71	50.11	32.84	7.02	7.83	9.8	2.954	84.6
1297	6/14/2012 23:46:33	14.99	50.05	32.80	6.87	7.82	8.7	2.854	83.3
1298	6/15/2012 0:01:33	15.46	49.86	32.67	7.10	7.85	11.0	2.762	86.8
1299	6/15/2012 0:16:32	15.69	49.80	32.63	7.11	7.85	9.8	2.683	87.3
1300	6/15/2012 0:31:33	15.82	49.82	32.65	7.20	7.86	11.6	2.578	88.6
1301	6/15/2012 0:46:32	15.71	49.85	32.67	7.13	7.86	49.5	2.478	87.6
1302	6/15/2012 1:01:32	15.91	49.85	32.67	7.07	7.86	14.1	2.376	87.2
1303	6/15/2012 1:16:32	15.67	49.90	32.70	7.26	7.87	17.6	2.286	89.2
1304	6/15/2012 1:31:33	15.95	49.84	32.67	7.06	7.87	12.1	2.164	87.1
1305	6/15/2012 1:46:32	16.16	49.80	32.64	6.98	7.87	36.2	2.064	86.5
1306	6/15/2012 2:01:33	16.27	49.79	32.63	6.95	7.87	21.0	1.971	86.3
1307	6/15/2012 2:16:33	16.37	49.72	32.58	6.96	7.88	17.3	1.859	86.6
1308	6/15/2012 2:31:33	16.33	49.71	32.58	6.96	7.88	13.4	1.772	86.5
1309	6/15/2012 2:46:33	16.58	49.62	32.51	6.88	7.88	38.8	1.680	85.9
1310	6/15/2012 3:01:33	16.66	49.66	32.54	6.87	7.89	72.2	1.596	86.0
1311	6/15/2012 3:16:33	16.75	49.63	32.52	6.88	7.90	11.4	1.545	86.2
1312	6/15/2012 3:31:32	16.91	49.58	32.49	6.80	7.90	16.6	1.492	85.4
1313	6/15/2012 3:46:32	17.11	49.52	32.45	6.62	7.90	40.7	1.475	83.5
1314	6/15/2012 4:01:33	16.89	49.85	32.68	5.98	7.86	11.2	1.473	75.2
1315	6/15/2012 4:16:33	17.00	49.59	32.50	6.27	7.85	11.2	1.473	79.0
1316	6/15/2012 4:31:32	17.06	49.55	32.47	6.67	7.88	16.4	1.517	84.1
1317	6/15/2012 4:46:33	16.94	49.62	32.52	6.80	7.88	13.1	1.535	85.5
1318	6/15/2012 5:01:33	16.98	49.59	32.50	6.72	7.87	11.2	1.593	84.6
1319	6/15/2012 5:16:32	16.94	49.59	32.49	6.84	7.88	12.6	1.651	86.0
1320	6/15/2012 5:31:33	16.96	49.40	32.36	6.74	7.87	14.1	1.702	84.7
1321	6/15/2012 5:46:32	16.93	49.50	32.43	6.68	7.87	11.4	1.760	84.0
1322	6/15/2012 6:01:32	16.90	49.45	32.40	6.75	7.87	13.3	1.825	84.7
1323	6/15/2012 6:16:32	16.89	49.34	32.31	6.72	7.87	13.1	1.873	84.3
1324	6/15/2012 6:31:33	16.82	49.43	32.38	6.64	7.86	12.8	1.927	83.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1325	6/15/2012 6:46:33	16.79	49.43	32.37	6.68	7.86	13.6	1.994	83.7
1326	6/15/2012 7:01:32	16.70	49.18	32.19	6.66	7.86	16.2	2.063	83.3
1327	6/15/2012 7:16:33	16.49	49.28	32.26	6.88	7.86	15.6	2.125	85.6
1328	6/15/2012 7:31:33	16.13	49.47	32.40	6.89	7.85	11.8	2.198	85.2
1329	6/15/2012 7:46:33	15.72	49.71	32.56	6.95	7.85	13.1	2.268	85.4
1330	6/15/2012 8:01:33	15.62	49.74	32.58	6.92	7.85	17.9	2.342	84.8
1331	6/15/2012 8:16:33	15.54	49.71	32.56	7.02	7.85	9.0	2.409	86.0
1332	6/15/2012 8:31:33	15.35	49.80	32.62	7.10	7.85	27.0	2.478	86.6
1333	6/15/2012 8:46:32	15.30	49.93	32.72	7.04	7.86	15.1	2.537	85.8
1334	6/15/2012 9:01:33	15.24	49.95	32.73	6.97	7.85	10.8	2.590	84.8
1335	6/15/2012 9:16:33	15.02	50.00	32.76	6.98	7.84	8.3	2.655	84.7
1336	6/15/2012 9:31:33	14.88	50.05	32.79	7.05	7.84	12.9	2.701	85.3
1337	6/15/2012 9:46:33	14.83	50.05	32.79	6.89	7.83	13.4	2.748	83.3
1338	6/15/2012 10:01:33	14.76	50.06	32.80	6.82	7.83	7.8	2.788	82.3
1339	6/15/2012 10:16:33	14.49	50.06	32.79	6.86	7.82	6.8	2.825	82.4
1340	6/15/2012 10:31:33	14.40	50.08	32.80	6.78	7.81	5.5	2.854	81.3
	Mean	14.53	49.91	32.68	7.58	7.87	11.31	2.50	90.91
	Minimum	10.25	47.54	30.98	5.95	7.74	3.30	0.62	74.00
	Maximum	17.75	51.75	33.83	10.50	8.05	163.60	4.04	119.30

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
0	6/15/2012 11:15:50	14.57	50.48	33.10	7.37	7.86	5.4	2.693	88.8
1	6/15/2012 11:30:49	14.47	49.96	32.72	7.28	7.86	6.1	2.686	87.3
2	6/15/2012 11:45:49	14.46	50.11	32.83	7.13	7.85	6.1	2.666	85.6
3	6/15/2012 12:00:49	14.56	50.27	32.95	7.16	7.86	6.0	2.635	86.2
4	6/15/2012 12:15:50	14.74	50.28	32.96	7.17	7.87	6.1	2.591	86.6
5	6/15/2012 12:30:50	14.97	50.39	33.05	7.27	7.88	7.4	2.537	88.3
6	6/15/2012 12:45:50	15.33	50.33	33.01	7.50	7.91	9.2	2.478	91.7
7	6/15/2012 13:00:50	15.58	50.32	33.01	7.65	7.93	12.2	2.436	93.9
8	6/15/2012 13:15:50	15.72	50.42	33.08	7.70	7.93	12.6	2.367	94.9
9	6/15/2012 13:30:50	15.90	50.23	32.95	7.86	7.96	12.5	2.313	97.1
10	6/15/2012 13:45:49	16.08	50.05	32.82	7.83	7.96	11.7	2.266	97.0
11	6/15/2012 14:00:50	16.22	50.27	32.99	7.87	7.97	12.2	2.227	97.8
12	6/15/2012 14:15:49	16.35	50.22	32.95	7.96	7.97	10.1	2.177	99.3
13	6/15/2012 14:30:50	16.63	50.17	32.92	7.98	7.98	11.1	2.143	100.0
14	6/15/2012 14:45:49	16.90	50.04	32.83	8.49	8.04	13.4	2.114	106.9
15	6/15/2012 15:00:50	16.92	50.14	32.90	7.86	7.99	11.2	2.086	99.0
16	6/15/2012 15:15:50	16.85	50.15	32.90	7.76	7.97	12.8	2.083	97.6
17	6/15/2012 15:30:50	17.05	50.22	32.96	7.89	8.00	9.6	2.063	99.7
18	6/15/2012 15:45:50	17.15	50.01	32.80	7.24	7.97	11.3	2.063	91.6
19	6/15/2012 16:00:49	17.13	50.12	32.89	8.44	8.04	10.2	2.083	106.8
20	6/15/2012 16:15:49	17.16	49.89	32.72	8.09	8.01	10.6	2.102	102.3
21	6/15/2012 16:30:50	17.21	50.05	32.83	7.97	7.99	10.9	2.118	100.9
22	6/15/2012 16:45:50	17.30	50.04	32.83	7.85	7.98	11.6	2.159	99.7
23	6/15/2012 17:00:49	16.93	49.95	32.76	7.87	7.99	9.8	2.208	99.1
24	6/15/2012 17:15:50	16.80	50.18	32.92	7.81	7.98	9.1	2.255	98.2
25	6/15/2012 17:30:50	16.74	50.16	32.91	7.78	7.97	9.6	2.305	97.7
26	6/15/2012 17:45:50	16.84	50.13	32.89	7.88	7.97	9.3	2.366	99.1
27	6/15/2012 18:00:50	16.45	50.12	32.88	7.74	7.96	8.3	2.432	96.6
28	6/15/2012 18:15:50	16.03	50.17	32.91	7.61	7.95	9.4	2.489	94.2
29	6/15/2012 18:30:49	16.02	50.15	32.90	7.76	7.95	7.4	2.547	96.1
30	6/15/2012 18:45:50	16.05	50.24	32.96	7.92	7.96	7.6	2.806	98.2
31	6/15/2012 19:00:50	15.46	50.40	33.07	7.77	7.94	6.5	2.867	95.2
32	6/15/2012 19:15:50	14.75	50.52	33.14	7.67	7.92	5.7	2.941	92.8
33	6/15/2012 19:30:49	14.09	50.47	33.08	7.67	7.90	5.1	3.007	91.4
34	6/15/2012 19:45:50	13.83	50.79	33.31	7.63	7.89	5.6	3.075	90.7
35	6/15/2012 20:00:50	13.39	50.81	33.30	7.59	7.88	6.0	3.148	89.4
36	6/15/2012 20:15:50	13.13	51.03	33.45	7.52	7.87	7.0	3.215	88.1
37	6/15/2012 20:30:50	12.94	50.94	33.39	7.53	7.87	8.3	3.276	87.9
38	6/15/2012 20:45:49	12.93	50.84	33.31	7.56	7.87	7.0	3.338	88.2
39	6/15/2012 21:00:50	12.72	51.16	33.53	7.63	7.87	6.6	3.399	88.7
40	6/15/2012 21:15:50	12.71	51.03	33.44	7.73	7.87	6.4	3.436	89.8
41	6/15/2012 21:30:50	12.68	51.18	33.54	7.69	7.87	5.3	3.475	89.4
42	6/15/2012 21:45:50	12.59	51.02	33.43	7.72	7.86	5.8	3.508	89.5
43	6/15/2012 22:00:49	12.56	51.01	33.42	7.68	7.86	5.4	3.516	88.9
44	6/15/2012 22:15:50	12.67	51.19	33.55	7.46	7.86	4.2	3.509	86.7
45	6/15/2012 22:30:50	12.59	51.11	33.49	7.45	7.85	4.2	3.492	86.4
46	6/15/2012 22:45:49	13.49	51.24	33.63	7.62	7.95	7.5	3.458	90.1
47	6/15/2012 23:00:49	14.08	50.70	33.25	7.41	7.93	7.6	3.394	88.5
48	6/15/2012 23:15:50	13.89	50.76	33.29	7.34	7.89	7.6	3.319	87.4
49	6/15/2012 23:30:49	14.39	50.17	32.87	7.40	7.92	9.1	3.245	88.7
50	6/15/2012 23:45:49	14.29	50.52	33.12	7.34	7.90	6.2	3.164	87.9
51	6/16/2012 0:00:50	14.56	50.70	33.26	7.27	7.90	6.7	3.059	87.6
52	6/16/2012 0:15:50	14.66	50.49	33.11	7.23	7.91	7.9	2.960	87.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
53	6/16/2012 0:30:50	14.56	50.53	33.14	7.42	7.90	7.9	2.890	89.4
54	6/16/2012 0:45:50	15.39	50.36	33.03	7.33	7.92	10.2	2.779	89.6
55	6/16/2012 1:00:50	15.59	50.28	32.98	7.29	7.92	9.0	2.683	89.5
56	6/16/2012 1:15:50	15.51	50.40	33.06	7.13	7.91	7.8	2.581	87.4
57	6/16/2012 1:30:50	15.97	50.29	32.99	7.26	7.92	12.9	2.475	89.9
58	6/16/2012 1:45:49	16.29	50.15	32.89	7.19	7.93	12.5	2.364	89.5
59	6/16/2012 2:00:50	16.22	50.26	32.98	7.09	7.94	12.5	2.243	88.1
60	6/16/2012 2:15:50	16.34	50.23	32.96	7.06	7.93	13.6	2.131	88.0
61	6/16/2012 2:30:50	16.27	50.16	32.91	7.02	7.92	12.0	2.021	87.3
62	6/16/2012 2:45:50	16.58	50.14	32.90	6.94	7.92	12.2	1.903	86.9
63	6/16/2012 3:00:49	16.70	50.10	32.86	6.95	7.93	12.3	1.808	87.2
64	6/16/2012 3:15:49	16.94	50.03	32.82	6.89	7.93	12.5	1.701	86.7
65	6/16/2012 3:30:49	17.13	49.99	32.79	6.87	7.93	12.5	1.612	86.8
66	6/16/2012 3:45:49	17.29	49.90	32.73	6.86	7.94	12.5	1.522	87.0
67	6/16/2012 4:00:49	17.42	50.04	32.83	6.86	7.94	12.4	1.448	87.2
68	6/16/2012 4:15:50	17.60	50.04	32.83	6.83	7.94	13.7	1.392	87.2
69	6/16/2012 4:30:49	17.62	49.91	32.74	6.86	7.95	12.8	1.363	87.6
70	6/16/2012 4:45:50	17.61	50.05	32.84	6.84	7.95	12.3	1.354	87.3
71	6/16/2012 5:00:49	17.52	49.91	32.74	6.74	7.94	11.7	1.355	85.8
72	6/16/2012 5:15:50	17.51	50.02	32.81	6.77	7.94	11.4	1.376	86.3
73	6/16/2012 5:30:50	17.44	50.08	32.86	6.77	7.94	11.1	1.418	86.1
74	6/16/2012 5:45:49	17.38	49.98	32.79	6.81	7.94	10.8	1.463	86.5
75	6/16/2012 6:00:50	17.35	49.99	32.80	6.86	7.94	10.6	1.518	87.1
76	6/16/2012 6:15:50	17.36	49.86	32.70	6.88	7.94	11.2	1.581	87.2
77	6/16/2012 6:30:50	17.32	49.91	32.73	6.86	7.94	11.1	1.647	87.1
78	6/16/2012 6:45:50	17.38	49.61	32.52	6.84	7.95	11.4	1.703	86.8
79	6/16/2012 7:00:50	17.45	49.24	32.24	6.85	7.95	10.9	1.762	86.9
80	6/16/2012 7:15:49	17.25	49.76	32.62	6.82	7.94	10.6	1.840	86.4
81	6/16/2012 7:30:50	17.17	49.80	32.65	6.80	7.93	11.0	1.894	86.0
82	6/16/2012 7:45:50	17.08	49.94	32.76	6.82	7.93	14.0	1.970	86.2
83	6/16/2012 8:00:50	16.95	49.62	32.52	6.91	7.94	12.3	2.048	87.0
84	6/16/2012 8:15:50	16.33	50.19	32.93	6.94	7.92	11.3	2.129	86.5
85	6/16/2012 8:30:50	16.11	50.15	32.90	7.03	7.93	10.1	2.215	87.2
86	6/16/2012 8:45:49	16.01	50.15	32.90	7.12	7.94	8.9	2.290	88.1
87	6/16/2012 9:00:50	15.83	50.29	32.99	7.18	7.94	8.6	2.370	88.6
88	6/16/2012 9:15:50	15.71	50.29	32.99	7.26	7.94	7.2	2.442	89.4
89	6/16/2012 9:30:50	15.61	50.37	33.05	7.26	7.94	7.6	2.522	89.2
90	6/16/2012 9:45:50	15.33	50.40	33.06	7.25	7.93	7.6	2.587	88.6
91	6/16/2012 10:00:50	15.18	50.41	33.07	7.25	7.92	7.4	2.649	88.4
92	6/16/2012 10:15:50	15.10	50.52	33.14	7.24	7.92	7.2	2.706	88.1
93	6/16/2012 10:30:50	14.91	50.40	33.05	7.24	7.91	7.8	2.760	87.8
94	6/16/2012 10:45:50	14.73	50.34	33.00	7.29	7.91	7.0	2.802	88.0
95	6/16/2012 11:00:50	14.68	50.49	33.11	7.33	7.91	7.0	2.847	88.5
96	6/16/2012 11:15:50	14.65	50.41	33.05	7.37	7.91	6.1	2.885	88.9
97	6/16/2012 11:30:50	14.54	50.50	33.11	7.35	7.91	5.7	2.912	88.5
98	6/16/2012 11:45:50	14.40	50.27	32.95	7.37	7.90	5.6	2.925	88.3
99	6/16/2012 12:00:50	14.69	50.51	33.13	7.41	7.91	5.9	2.940	89.5
100	6/16/2012 12:15:50	14.51	50.43	33.06	7.08	7.89	5.4	2.935	85.2
101	6/16/2012 12:30:49	14.42	50.10	32.82	7.02	7.89	5.0	2.911	84.2
102	6/16/2012 12:45:50	14.50	50.53	33.14	7.16	7.89	6.4	2.872	86.1
103	6/16/2012 13:00:50	14.75	50.44	33.08	7.29	7.91	7.8	2.817	88.1
104	6/16/2012 13:15:50	15.27	50.40	33.06	7.51	7.93	6.7	2.773	91.7
105	6/16/2012 13:30:50	15.56	50.40	33.07	7.63	7.95	7.4	2.694	93.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
106	6/16/2012 13:45:50	15.89	50.27	32.98	7.82	7.97	6.7	2.641	96.6
107	6/16/2012 14:00:50	16.02	50.25	32.96	7.86	7.98	6.8	2.582	97.4
108	6/16/2012 14:15:50	16.22	50.31	33.01	7.89	7.98	6.8	2.533	98.1
109	6/16/2012 14:30:50	16.47	50.30	33.01	8.13	8.00	6.6	2.466	101.6
110	6/16/2012 14:45:50	16.76	50.24	32.97	8.58	8.04	6.4	2.420	107.8
111	6/16/2012 15:00:49	17.13	50.22	32.96	8.93	8.07	6.8	2.387	113.0
112	6/16/2012 15:15:50	17.27	50.25	32.98	9.00	8.08	5.9	2.347	114.2
113	6/16/2012 15:30:50	17.47	50.21	32.95	9.02	8.08	5.7	2.312	115.0
114	6/16/2012 15:45:50	17.64	50.16	32.92	9.44	8.12	6.0	2.288	120.5
115	6/16/2012 16:00:50	17.64	50.20	32.95	8.62	8.06	5.8	2.286	110.1
116	6/16/2012 16:15:50	17.76	50.25	32.99	10.08	8.16	5.8	2.273	129.1
117	6/16/2012 16:30:49	17.55	50.11	32.88	9.56	8.12	6.3	2.273	121.9
118	6/16/2012 16:45:50	17.34	50.26	32.99	9.03	8.08	6.2	2.289	114.7
119	6/16/2012 17:00:50	17.86	50.20	32.95	9.20	8.10	6.5	2.322	118.1
120	6/16/2012 17:15:50	17.24	50.26	32.99	8.55	8.05	6.4	2.343	108.5
121	6/16/2012 17:30:50	17.09	50.30	33.02	8.35	8.03	6.4	2.388	105.7
122	6/16/2012 17:45:49	17.31	50.02	32.82	8.51	8.04	7.4	2.436	108.0
123	6/16/2012 18:00:49	17.48	50.13	32.90	8.54	8.04	6.7	2.485	108.7
124	6/16/2012 18:15:50	17.36	50.15	32.91	8.39	8.03	6.1	2.542	106.7
125	6/16/2012 18:30:49	16.54	50.22	32.95	7.96	7.99	6.2	2.595	99.6
126	6/16/2012 18:45:50	16.24	50.34	33.04	7.94	7.97	6.3	2.662	98.8
127	6/16/2012 19:00:50	15.82	50.40	33.07	7.79	7.96	5.9	2.715	96.2
128	6/16/2012 19:15:50	15.76	50.54	33.18	7.89	7.97	6.1	2.785	97.4
129	6/16/2012 19:30:50	15.69	50.47	33.12	7.98	7.97	6.2	2.852	98.3
130	6/16/2012 19:45:50	14.85	50.62	33.21	7.73	7.94	7.0	2.912	93.6
131	6/16/2012 20:00:49	14.47	50.64	33.21	7.52	7.92	5.7	2.978	90.4
132	6/16/2012 20:15:50	14.07	50.84	33.35	7.43	7.91	5.6	3.062	88.7
133	6/16/2012 20:30:50	13.32	50.73	33.25	7.23	7.87	5.8	3.133	84.9
134	6/16/2012 20:45:50	12.99	51.14	33.53	6.99	7.86	5.7	3.203	81.7
135	6/16/2012 21:00:50	12.72	50.97	33.40	6.83	7.85	7.7	3.271	79.4
136	6/16/2012 21:15:50	12.47	51.34	33.65	6.71	7.84	7.9	3.345	77.7
137	6/16/2012 21:30:50	12.18	51.14	33.50	6.62	7.83	8.7	3.411	76.1
138	6/16/2012 21:45:50	11.99	51.40	33.68	6.52	7.82	7.9	3.470	74.8
139	6/16/2012 22:00:50	11.83	51.40	33.67	6.45	7.81	7.1	3.526	73.7
140	6/16/2012 22:15:50	11.65	51.56	33.77	6.36	7.80	5.3	3.561	72.5
141	6/16/2012 22:30:50	11.66	51.53	33.76	6.34	7.80	4.8	3.583	72.2
142	6/16/2012 22:45:50	11.83	51.43	33.69	6.21	7.80	4.8	3.594	71.0
143	6/16/2012 23:00:50	11.76	51.53	33.76	6.19	7.80	4.7	3.581	70.6
144	6/16/2012 23:15:50	11.71	51.42	33.67	6.24	7.80	5.3	3.542	71.1
145	6/16/2012 23:30:50	12.01	51.43	33.70	6.34	7.81	7.6	3.484	72.7
146	6/16/2012 23:45:50	13.76	50.83	33.34	6.85	7.87	8.1	3.415	81.3
147	6/17/2012 0:00:49	13.63	50.96	33.43	6.84	7.87	6.5	3.342	81.0
148	6/17/2012 0:15:50	13.46	50.85	33.34	7.01	7.87	7.2	3.258	82.6
149	6/17/2012 0:30:49	14.11	50.79	33.31	7.01	7.90	6.4	3.151	83.8
150	6/17/2012 0:45:50	14.35	50.78	33.32	7.07	7.90	6.4	3.058	84.9
151	6/17/2012 1:00:49	14.46	50.64	33.22	7.04	7.90	6.4	2.973	84.7
152	6/17/2012 1:15:50	14.64	50.67	33.24	7.06	7.90	7.0	2.866	85.2
153	6/17/2012 1:30:50	15.06	50.55	33.16	7.13	7.92	6.6	2.759	86.8
154	6/17/2012 1:45:50	15.33	50.42	33.08	7.22	7.92	8.4	2.650	88.3
155	6/17/2012 2:00:49	16.11	50.23	32.95	7.38	7.96	9.4	2.556	91.6
156	6/17/2012 2:15:50	15.19	50.77	33.33	7.22	7.92	7.8	2.437	88.2
157	6/17/2012 2:30:50	16.48	50.37	33.06	7.43	7.97	11.9	2.309	92.9
158	6/17/2012 2:45:50	16.51	50.29	33.00	7.43	7.96	11.0	2.193	92.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
159	6/17/2012 3:00:50	16.81	50.21	32.95	7.40	7.98	10.4	2.076	93.0
160	6/17/2012 3:15:50	16.74	50.36	33.06	7.27	7.96	9.0	1.959	91.4
161	6/17/2012 3:30:50	17.25	50.28	33.00	7.35	7.98	9.3	1.833	93.2
162	6/17/2012 3:45:49	17.45	50.07	32.85	7.30	7.98	9.4	1.709	92.9
163	6/17/2012 4:00:50	17.67	50.26	33.00	7.33	7.99	9.2	1.615	93.8
164	6/17/2012 4:15:49	17.91	50.00	32.81	7.30	7.99	9.5	1.504	93.7
165	6/17/2012 4:30:49	18.28	49.87	32.71	7.33	8.00	9.8	1.420	94.7
166	6/17/2012 4:45:50	18.34	50.14	32.91	7.25	8.00	9.5	1.344	93.9
167	6/17/2012 5:00:50	18.45	50.01	32.81	7.26	8.00	9.8	1.300	94.2
168	6/17/2012 5:15:49	18.13	49.85	32.70	7.15	7.99	9.0	1.297	92.1
169	6/17/2012 5:30:50	18.32	50.15	32.92	7.16	7.99	8.6	1.268	92.7
170	6/17/2012 5:45:50	18.16	49.98	32.79	7.15	7.99	8.7	1.294	92.2
171	6/17/2012 6:00:50	18.06	49.97	32.79	7.22	7.99	8.5	1.338	92.9
172	6/17/2012 6:15:50	18.06	50.17	32.93	7.25	7.99	8.7	1.376	93.4
173	6/17/2012 6:30:50	17.99	50.13	32.90	7.31	8.00	8.3	1.426	94.0
174	6/17/2012 6:45:50	17.95	50.05	32.84	7.29	8.00	8.3	1.490	93.7
175	6/17/2012 7:00:50	17.97	49.97	32.79	7.32	8.00	8.4	1.567	94.0
176	6/17/2012 7:15:50	17.97	49.92	32.75	7.29	7.99	8.7	1.613	93.6
177	6/17/2012 7:30:50	18.01	49.66	32.56	7.26	7.99	9.2	1.695	93.3
178	6/17/2012 7:45:50	17.85	49.99	32.80	7.26	7.99	9.2	1.774	93.1
179	6/17/2012 8:00:49	17.78	49.82	32.67	7.24	7.99	9.7	1.831	92.6
180	6/17/2012 8:15:50	17.57	50.01	32.81	7.25	7.98	13.7	1.918	92.5
181	6/17/2012 8:30:50	17.60	49.70	32.58	7.28	7.99	9.4	2.002	92.7
182	6/17/2012 8:45:50	16.82	50.12	32.88	7.17	7.96	10.1	2.086	90.2
183	6/17/2012 9:00:50	16.50	50.10	32.87	7.21	7.96	8.6	2.171	90.1
184	6/17/2012 9:15:50	16.29	50.29	33.00	7.24	7.96	7.8	2.250	90.1
185	6/17/2012 9:30:50	16.10	50.24	32.96	7.32	7.97	8.1	2.337	90.9
186	6/17/2012 9:45:50	15.93	50.29	32.99	7.33	7.96	7.3	2.426	90.6
187	6/17/2012 10:00:50	15.79	50.43	33.09	7.31	7.96	8.0	2.499	90.2
188	6/17/2012 10:15:49	15.54	50.24	32.95	7.23	7.95	8.3	2.576	88.7
189	6/17/2012 10:30:49	15.34	50.33	33.01	7.21	7.94	9.1	2.656	88.1
190	6/17/2012 10:45:50	15.14	50.39	33.05	7.15	7.93	8.1	2.724	87.1
191	6/17/2012 11:00:50	15.04	50.48	33.11	7.17	7.93	8.7	2.780	87.2
192	6/17/2012 11:15:50	14.67	50.45	33.08	7.17	7.92	8.1	2.843	86.5
193	6/17/2012 11:30:50	14.45	50.45	33.08	7.14	7.91	8.2	2.898	85.8
194	6/17/2012 11:45:50	14.24	50.58	33.17	7.14	7.91	7.4	2.941	85.4
195	6/17/2012 12:00:50	14.12	50.62	33.19	7.09	7.90	8.0	2.972	84.7
196	6/17/2012 12:15:50	13.73	50.75	33.27	6.91	7.88	5.4	3.005	81.9
197	6/17/2012 12:30:50	13.46	50.90	33.37	6.82	7.87	5.5	3.028	80.5
198	6/17/2012 12:45:50	13.74	50.61	33.17	6.89	7.88	5.6	3.034	81.7
199	6/17/2012 13:00:50	13.70	50.74	33.27	6.60	7.87	6.1	3.027	78.2
200	6/17/2012 13:15:50	13.84	50.66	33.21	6.76	7.88	5.0	3.003	80.2
201	6/17/2012 13:30:50	14.11	50.61	33.18	6.87	7.89	6.1	2.962	82.1
202	6/17/2012 13:45:50	14.62	50.60	33.19	7.08	7.92	7.4	2.915	85.4
203	6/17/2012 14:00:50	15.02	50.65	33.24	7.31	7.94	8.0	2.852	88.9
204	6/17/2012 14:15:50	15.38	50.54	33.17	7.56	7.97	6.7	2.806	92.5
205	6/17/2012 14:30:50	15.56	50.50	33.14	7.61	7.97	6.8	2.732	93.5
206	6/17/2012 14:45:50	15.70	50.58	33.20	7.61	7.98	7.0	2.665	93.8
207	6/17/2012 15:00:50	15.93	50.53	33.17	7.82	8.00	7.3	2.622	96.8
208	6/17/2012 15:15:50	16.14	50.47	33.13	7.79	8.00	7.0	2.547	96.8
209	6/17/2012 15:30:50	16.36	50.53	33.18	8.20	8.04	6.2	2.501	102.4
210	6/17/2012 15:45:50	16.62	50.51	33.16	8.49	8.07	6.2	2.463	106.5
211	6/17/2012 16:00:50	16.81	50.50	33.16	8.62	8.09	6.0	2.422	108.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	6/17/2012 16:15:50	17.11	50.44	33.12	9.02	8.12	6.1	2.384	114.3
213	6/17/2012 16:30:50	17.40	50.28	33.01	9.53	8.16	7.2	2.350	121.2
214	6/17/2012 16:45:50	17.57	50.32	33.04	10.08	8.20	7.8	2.344	128.7
215	6/17/2012 17:00:50	17.48	50.41	33.10	9.77	8.19	5.9	2.335	124.6
216	6/17/2012 17:15:50	17.31	50.34	33.05	9.81	8.16	6.4	2.336	124.7
217	6/17/2012 17:30:50	17.11	50.30	33.02	9.06	8.10	6.9	2.354	114.6
218	6/17/2012 17:45:50	17.16	50.32	33.04	8.64	8.07	6.9	2.378	109.5
219	6/17/2012 18:00:50	17.09	50.20	32.95	8.52	8.06	6.8	2.417	107.7
220	6/17/2012 18:15:50	16.88	50.37	33.07	8.23	8.04	7.0	2.457	103.7
221	6/17/2012 18:30:50	16.69	50.34	33.04	8.02	8.02	7.7	2.517	100.7
222	6/17/2012 18:45:50	16.83	50.39	33.08	8.11	8.02	6.7	2.567	102.1
223	6/17/2012 19:00:50	16.61	50.47	33.14	7.99	8.01	6.8	2.620	100.3
224	6/17/2012 19:15:50	16.24	50.54	33.18	7.89	8.00	6.9	2.685	98.3
225	6/17/2012 19:30:50	15.65	50.41	33.08	7.70	7.97	6.9	2.756	94.7
226	6/17/2012 19:45:49	15.70	50.45	33.11	7.92	7.99	7.2	2.817	97.5
227	6/17/2012 20:00:50	15.13	50.73	33.30	7.72	7.97	6.2	2.881	94.2
228	6/17/2012 20:15:50	14.47	50.92	33.42	7.39	7.94	5.7	2.956	89.0
229	6/17/2012 20:30:50	13.54	51.11	33.53	6.93	7.89	6.2	3.030	81.9
230	6/17/2012 20:45:50	13.19	50.92	33.37	6.75	7.87	7.4	3.096	79.1
231	6/17/2012 21:00:49	12.69	50.77	33.25	6.47	7.85	7.8	3.173	75.1
232	6/17/2012 21:15:49	12.36	51.09	33.47	6.27	7.84	7.2	3.251	72.4
233	6/17/2012 21:30:50	12.20	51.45	33.72	6.24	7.83	8.9	3.323	71.9
234	6/17/2012 21:45:50	12.01	51.48	33.73	6.17	7.83	8.3	3.395	70.7
235	6/17/2012 22:00:50	11.87	51.29	33.59	6.19	7.83	7.0	3.465	70.8
236	6/17/2012 22:15:50	11.64	51.43	33.68	6.15	7.82	6.5	3.524	70.0
237	6/17/2012 22:30:50	11.56	51.53	33.74	6.17	7.82	6.4	3.574	70.1
238	6/17/2012 22:45:50	11.45	51.50	33.72	6.15	7.81	5.0	3.621	69.8
239	6/17/2012 23:00:50	11.41	51.44	33.67	6.11	7.81	5.1	3.641	69.2
240	6/17/2012 23:15:50	11.68	51.56	33.77	6.10	7.82	5.5	3.661	69.5
241	6/17/2012 23:30:50	11.44	51.53	33.74	5.91	7.80	4.0	3.642	67.0
242	6/17/2012 23:45:50	11.39	51.57	33.77	5.94	7.80	4.6	3.613	67.3
243	6/18/2012 0:00:50	11.58	51.37	33.63	6.02	7.81	5.9	3.568	68.4
244	6/18/2012 0:15:50	12.21	51.18	33.53	6.18	7.83	7.4	3.506	71.2
245	6/18/2012 0:30:50	12.82	51.09	33.49	6.42	7.85	7.5	3.433	74.8
246	6/18/2012 0:45:50	12.49	51.18	33.54	6.41	7.84	6.8	3.330	74.2
247	6/18/2012 1:00:50	13.64	50.81	33.32	6.65	7.89	7.2	3.246	78.7
248	6/18/2012 1:15:50	13.91	50.92	33.41	6.86	7.91	9.7	3.156	81.7
249	6/18/2012 1:30:50	14.20	50.86	33.37	6.80	7.91	9.9	3.049	81.4
250	6/18/2012 1:45:50	14.41	50.87	33.38	7.03	7.92	8.9	2.941	84.5
251	6/18/2012 2:00:50	14.52	50.76	33.30	6.94	7.91	7.5	2.844	83.6
252	6/18/2012 2:15:50	15.34	50.42	33.08	7.23	7.95	12.1	2.732	88.5
253	6/18/2012 2:30:50	15.14	50.76	33.32	7.11	7.93	10.3	2.612	86.7
254	6/18/2012 2:45:50	15.25	50.68	33.27	7.22	7.94	12.6	2.495	88.3
255	6/18/2012 3:00:50	15.18	50.69	33.27	7.08	7.94	9.5	2.381	86.4
256	6/18/2012 3:15:50	15.36	50.66	33.26	7.20	7.94	11.4	2.257	88.2
257	6/18/2012 3:30:50	15.69	50.57	33.20	7.13	7.96	12.0	2.136	87.9
258	6/18/2012 3:45:50	15.93	50.51	33.16	7.17	7.96	13.9	2.012	88.7
259	6/18/2012 4:00:50	15.84	50.44	33.10	7.12	7.96	12.0	1.873	88.0
260	6/18/2012 4:15:50	15.93	50.46	33.12	7.16	7.95	12.2	1.749	88.6
261	6/18/2012 4:30:50	16.25	50.54	33.18	7.22	7.97	13.1	1.635	90.0
262	6/18/2012 4:45:50	16.31	50.49	33.15	7.25	7.98	13.7	1.518	90.4
263	6/18/2012 5:00:50	16.48	50.46	33.13	7.30	7.99	13.0	1.392	91.4
264	6/18/2012 5:15:50	16.59	50.34	33.04	7.30	7.99	11.7	1.328	91.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	6/18/2012 5:30:50	16.77	50.42	33.10	7.27	8.00	11.9	1.273	91.4
266	6/18/2012 5:45:50	16.90	50.39	33.09	7.26	8.00	12.5	1.225	91.5
267	6/18/2012 6:00:50	17.15	50.37	33.07	7.17	8.00	14.4	1.224	90.9
268	6/18/2012 6:15:50	16.75	50.20	32.94	7.13	7.98	10.6	1.239	89.6
269	6/18/2012 6:30:50	17.18	50.40	33.09	7.16	8.00	11.9	1.259	90.8
270	6/18/2012 6:45:50	17.32	50.20	32.95	7.15	8.00	13.1	1.309	90.8
271	6/18/2012 7:00:50	17.36	50.29	33.01	7.10	8.00	13.6	1.369	90.2
272	6/18/2012 7:15:50	17.29	50.27	33.00	7.03	7.99	14.2	1.434	89.2
273	6/18/2012 7:30:50	17.13	50.29	33.01	7.05	7.99	11.9	1.481	89.2
274	6/18/2012 7:45:50	16.97	50.34	33.04	7.04	7.99	11.7	1.557	88.9
275	6/18/2012 8:00:50	17.13	50.24	32.98	7.15	7.99	13.0	1.642	90.4
276	6/18/2012 8:15:50	17.10	50.14	32.90	7.16	7.99	12.3	1.687	90.5
277	6/18/2012 8:30:50	17.03	50.24	32.97	7.14	7.99	12.6	1.770	90.2
278	6/18/2012 8:45:50	17.00	50.20	32.95	7.06	7.99	11.9	1.851	89.2
279	6/18/2012 9:00:50	16.87	50.20	32.94	7.08	7.99	19.8	1.948	89.2
280	6/18/2012 9:15:50	16.33	50.36	33.05	7.09	7.97	15.6	2.029	88.3
281	6/18/2012 9:30:50	16.00	50.38	33.06	7.10	7.96	11.6	2.123	87.9
282	6/18/2012 9:45:50	15.86	50.38	33.06	7.12	7.97	11.2	2.228	88.0
283	6/18/2012 10:00:50	15.79	50.58	33.20	7.22	7.98	12.1	2.307	89.2
284	6/18/2012 10:15:50	15.55	50.44	33.09	7.24	7.98	9.2	2.403	88.9
285	6/18/2012 10:30:50	15.55	50.63	33.24	7.23	7.97	9.5	2.489	88.8
286	6/18/2012 10:45:50	15.22	50.47	33.11	7.11	7.96	10.8	2.570	86.8
287	6/18/2012 11:00:50	15.07	50.60	33.21	7.08	7.95	10.4	2.648	86.2
288	6/18/2012 11:15:50	14.87	50.62	33.21	7.01	7.94	11.2	2.721	85.1
289	6/18/2012 11:30:50	14.74	50.65	33.23	7.03	7.93	10.9	2.787	85.0
290	6/18/2012 11:45:50	14.41	50.47	33.09	7.05	7.92	11.2	2.854	84.7
291	6/18/2012 12:00:50	14.08	50.72	33.27	6.99	7.91	11.3	2.919	83.5
292	6/18/2012 12:15:50	13.82	50.60	33.17	7.03	7.90	9.6	2.970	83.4
293	6/18/2012 12:30:50	13.46	50.77	33.28	7.01	7.89	8.4	3.014	82.7
294	6/18/2012 12:45:50	13.21	50.98	33.42	6.91	7.88	8.3	3.057	81.2
295	6/18/2012 13:00:50	12.98	50.98	33.41	6.88	7.88	6.6	3.083	80.3
296	6/18/2012 13:15:50	12.93	51.05	33.47	6.79	7.87	5.4	3.093	79.3
297	6/18/2012 13:30:50	12.97	51.12	33.51	6.63	7.86	6.7	3.087	77.4
298	6/18/2012 13:45:50	13.08	51.11	33.52	6.67	7.87	5.7	3.082	78.2
299	6/18/2012 14:00:50	13.86	50.85	33.35	7.16	7.92	8.4	3.044	85.2
300	6/18/2012 14:15:50	14.47	50.79	33.32	7.32	7.94	15.2	2.992	88.1
301	6/18/2012 14:30:50	14.85	50.79	33.34	7.64	7.96	23.6	2.950	92.7
302	6/18/2012 14:45:50	15.01	50.71	33.28	7.83	7.98	26.2	2.891	95.2
303	6/18/2012 15:00:50	15.01	50.81	33.36	7.98	7.98	23.3	2.817	97.1
304	6/18/2012 15:15:50	15.10	50.72	33.29	8.32	8.00	20.8	2.757	101.4
305	6/18/2012 15:30:50	15.23	50.71	33.29	8.43	8.02	18.4	2.696	103.0
306	6/18/2012 15:45:50	15.38	50.71	33.29	8.34	8.00	22.6	2.627	102.2
307	6/18/2012 16:00:50	15.48	50.77	33.34	8.39	8.02	21.3	2.569	103.0
308	6/18/2012 16:15:50	15.67	50.59	33.21	8.28	8.01	19.8	2.520	102.0
309	6/18/2012 16:30:50	15.91	50.65	33.26	8.15	8.02	19.6	2.466	100.9
310	6/18/2012 16:45:50	16.06	50.51	33.16	8.22	8.04	18.6	2.415	102.0
311	6/18/2012 17:00:50	16.20	50.70	33.30	7.93	8.01	18.8	2.392	98.7
312	6/18/2012 17:15:50	16.32	50.57	33.20	7.89	8.03	19.4	2.357	98.4
313	6/18/2012 17:30:50	16.44	50.48	33.15	8.15	8.06	15.7	2.328	101.9
314	6/18/2012 17:45:50	16.54	50.59	33.22	8.28	8.09	14.4	2.339	103.8
315	6/18/2012 18:00:50	16.66	50.62	33.25	9.49	8.23	15.5	2.341	119.2
316	6/18/2012 18:15:50	16.79	50.59	33.22	8.28	8.07	17.2	2.366	104.3
317	6/18/2012 18:30:50	16.89	50.53	33.18	7.80	8.02	17.5	2.393	98.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
318	6/18/2012 18:45:50	16.94	50.46	33.13	7.73	8.01	16.7	2.442	97.5
319	6/18/2012 19:00:50	16.77	50.48	33.15	7.70	8.00	19.5	2.490	96.9
320	6/18/2012 19:15:50	16.60	50.55	33.20	7.73	8.00	18.1	2.550	97.0
321	6/18/2012 19:30:50	16.55	50.53	33.18	7.68	7.99	17.4	2.607	96.3
322	6/18/2012 19:45:50	16.92	50.38	33.08	7.73	8.00	19.9	2.681	97.5
323	6/18/2012 20:00:50	16.65	50.54	33.19	7.73	8.00	19.9	2.746	97.1
324	6/18/2012 20:15:50	15.47	50.61	33.22	7.51	7.96	24.2	2.805	92.2
325	6/18/2012 20:30:50	15.61	50.63	33.24	7.58	7.97	14.2	2.880	93.3
326	6/18/2012 20:45:50	14.63	51.01	33.49	7.33	7.94	12.9	2.946	88.6
327	6/18/2012 21:00:50	14.58	50.88	33.40	7.26	7.94	12.6	3.025	87.6
328	6/18/2012 21:15:50	14.26	50.96	33.45	7.29	7.94	9.7	3.096	87.5
329	6/18/2012 21:30:50	13.26	51.09	33.51	6.90	7.88	11.2	3.164	81.1
330	6/18/2012 21:45:50	12.75	51.34	33.67	6.73	7.87	10.4	3.248	78.3
331	6/18/2012 22:00:50	12.69	51.21	33.57	6.75	7.87	14.2	3.327	78.4
332	6/18/2012 22:15:50	12.67	51.19	33.55	6.95	7.88	16.9	3.389	80.8
333	6/18/2012 22:30:50	12.46	51.32	33.64	7.00	7.88	12.5	3.460	81.0
334	6/18/2012 22:45:50	12.24	51.36	33.66	7.03	7.87	8.5	3.533	81.0
335	6/18/2012 23:00:50	11.87	51.51	33.75	7.04	7.86	8.3	3.593	80.5
336	6/18/2012 23:15:50	11.72	51.43	33.69	6.98	7.85	8.7	3.617	79.6
337	6/18/2012 23:30:50	11.65	51.43	33.68	6.95	7.84	6.0	3.658	79.2
338	6/18/2012 23:45:50	11.59	51.60	33.80	6.92	7.84	6.7	3.680	78.7
339	6/19/2012 0:00:50	11.77	51.45	33.70	6.70	7.83	5.1	3.679	76.4
340	6/19/2012 0:15:50	11.60	51.62	33.81	6.44	7.81	4.2	3.659	73.3
341	6/19/2012 0:30:50	11.68	51.43	33.68	6.76	7.83	7.0	3.616	77.0
342	6/19/2012 0:45:50	12.01	51.49	33.74	6.82	7.84	10.4	3.574	78.2
343	6/19/2012 1:00:50	12.05	51.46	33.72	6.83	7.84	11.7	3.509	78.4
344	6/19/2012 1:15:50	12.53	51.35	33.66	7.18	7.87	11.9	3.421	83.3
345	6/19/2012 1:30:50	12.04	51.45	33.71	7.11	7.84	8.9	3.336	81.6
346	6/19/2012 1:45:50	12.08	51.30	33.61	7.02	7.85	9.7	3.246	80.6
347	6/19/2012 2:00:50	12.40	51.11	33.49	7.07	7.86	11.1	3.141	81.7
348	6/19/2012 2:15:50	12.29	51.43	33.71	7.02	7.85	9.9	3.027	81.0
349	6/19/2012 2:30:50	12.16	51.38	33.67	7.03	7.84	10.9	2.915	80.8
350	6/19/2012 2:45:50	12.82	51.27	33.62	7.07	7.87	12.7	2.807	82.5
351	6/19/2012 3:00:50	14.40	50.98	33.46	7.05	7.92	17.8	2.703	84.8
352	6/19/2012 3:15:50	13.61	51.04	33.48	7.11	7.90	13.3	2.581	84.2
353	6/19/2012 3:30:50	14.17	50.86	33.37	7.15	7.92	16.9	2.452	85.6
354	6/19/2012 3:45:50	14.25	50.91	33.41	7.09	7.92	18.8	2.334	85.0
355	6/19/2012 4:00:50	14.28	50.86	33.37	7.04	7.91	16.1	2.215	84.5
356	6/19/2012 4:15:50	14.41	50.80	33.33	6.97	7.91	16.6	2.074	83.7
357	6/19/2012 4:30:50	14.70	50.69	33.26	6.99	7.92	20.2	1.929	84.5
358	6/19/2012 4:45:50	15.16	50.66	33.25	7.04	7.94	18.9	1.813	85.9
359	6/19/2012 5:00:50	15.40	50.70	33.28	7.07	7.95	19.2	1.674	86.6
360	6/19/2012 5:15:50	15.67	50.57	33.20	7.09	7.96	18.1	1.541	87.4
361	6/19/2012 5:30:50	15.87	50.45	33.11	7.10	7.97	18.0	1.428	87.8
362	6/19/2012 5:45:50	16.01	50.42	33.09	7.07	7.98	17.7	1.333	87.6
363	6/19/2012 6:00:50	16.16	50.66	33.27	7.00	7.98	16.8	1.262	87.1
364	6/19/2012 6:15:50	16.24	50.39	33.07	7.09	7.99	17.2	1.191	88.2
365	6/19/2012 6:30:50	16.38	50.41	33.09	6.98	7.99	16.5	1.177	87.1
366	6/19/2012 6:45:50	16.08	50.31	33.01	6.82	7.98	14.2	1.194	84.6
367	6/19/2012 7:00:50	16.27	50.52	33.17	7.06	7.99	15.4	1.208	88.0
368	6/19/2012 7:15:50	16.33	50.50	33.16	7.09	7.99	18.0	1.262	88.5
369	6/19/2012 7:30:50	16.42	50.51	33.16	7.08	7.99	16.2	1.315	88.5
370	6/19/2012 7:45:50	16.46	50.40	33.08	7.08	7.99	16.3	1.388	88.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH	NTU		
371	6/19/2012 8:00:50	16.44	50.43	33.11	7.05	7.98	16.1	1.441	88.1
372	6/19/2012 8:15:50	16.35	50.31	33.02	7.05	7.98	16.2	1.510	87.9
373	6/19/2012 8:30:50	16.34	50.44	33.11	7.00	7.98	16.1	1.581	87.4
374	6/19/2012 8:45:50	16.28	50.31	33.01	6.99	7.98	17.0	1.651	87.0
375	6/19/2012 9:00:50	16.23	50.23	32.95	7.00	7.98	17.7	1.738	87.1
376	6/19/2012 9:15:50	16.17	50.12	32.88	7.02	7.98	17.4	1.808	87.2
377	6/19/2012 9:30:50	16.05	50.47	33.13	7.04	7.98	20.2	1.914	87.3
378	6/19/2012 9:45:50	15.43	50.45	33.10	7.01	7.96	16.5	2.007	85.9
379	6/19/2012 10:00:50	15.27	50.62	33.22	7.01	7.95	16.6	2.090	85.7
380	6/19/2012 10:15:50	15.21	50.53	33.16	7.07	7.96	16.6	2.200	86.3
381	6/19/2012 10:30:50	15.05	50.68	33.26	7.18	7.96	14.0	2.294	87.3
382	6/19/2012 10:45:50	14.88	50.75	33.30	7.17	7.96	13.8	2.389	87.0
383	6/19/2012 11:00:50	14.88	50.81	33.35	7.19	7.96	12.2	2.474	87.3
384	6/19/2012 11:15:50	14.88	50.65	33.24	7.21	7.96	13.4	2.566	87.5
385	6/19/2012 11:30:50	14.76	50.82	33.36	7.18	7.95	15.4	2.656	86.9
386	6/19/2012 11:45:50	14.62	50.71	33.27	7.15	7.94	15.5	2.722	86.3
387	6/19/2012 12:00:50	14.52	50.59	33.18	7.16	7.94	13.4	2.801	86.2
388	6/19/2012 12:15:50	14.38	50.84	33.36	7.19	7.93	13.9	2.873	86.4
389	6/19/2012 12:30:50	14.11	50.76	33.29	7.24	7.92	15.6	2.927	86.5
390	6/19/2012 12:45:50	13.83	50.63	33.19	7.30	7.92	13.9	2.979	86.6
391	6/19/2012 13:00:50	13.62	50.93	33.40	7.35	7.91	11.1	3.038	87.0
392	6/19/2012 13:15:50	13.33	51.02	33.46	7.37	7.90	10.1	3.077	86.8
393	6/19/2012 13:30:50	13.16	51.06	33.48	7.36	7.90	8.5	3.104	86.4
394	6/19/2012 13:45:50	13.15	50.79	33.28	7.19	7.89	8.6	3.123	84.3
395	6/19/2012 14:00:50	13.18	51.14	33.54	6.76	7.87	7.7	3.142	79.3
396	6/19/2012 14:15:50	13.24	50.98	33.42	7.06	7.88	9.1	3.124	83.0
397	6/19/2012 14:30:50	13.59	50.83	33.32	7.13	7.89	8.4	3.094	84.3
398	6/19/2012 14:45:50	14.33	50.67	33.23	7.44	7.94	24.5	3.055	89.3
399	6/19/2012 15:00:50	14.59	50.50	33.12	8.09	7.97	21.9	3.003	97.6
400	6/19/2012 15:15:50	14.47	50.96	33.45	8.21	7.98	16.6	2.952	98.9
401	6/19/2012 15:30:49	14.41	50.66	33.23	8.26	7.97	13.4	2.881	99.2
402	6/19/2012 15:45:49	14.37	50.56	33.16	8.33	7.98	11.1	2.809	99.9
403	6/19/2012 16:00:49	14.48	50.82	33.35	8.49	8.00	16.9	2.738	102.2
404	6/19/2012 16:15:49	14.58	50.77	33.32	8.33	7.99	15.9	2.681	100.6
405	6/19/2012 16:30:50	14.90	50.78	33.33	8.32	7.98	11.6	2.606	101.1
406	6/19/2012 16:45:49	15.05	50.64	33.23	8.31	7.99	13.2	2.556	101.2
407	6/19/2012 17:00:49	15.33	50.73	33.30	8.24	8.00	12.2	2.499	100.9
408	6/19/2012 17:15:50	15.48	50.86	33.40	8.62	8.02	12.3	2.452	105.9
409	6/19/2012 17:30:50	15.62	50.75	33.33	8.18	8.01	11.4	2.421	100.7
410	6/19/2012 17:45:50	15.86	50.73	33.31	8.11	8.00	13.1	2.380	100.3
411	6/19/2012 18:00:49	16.00	50.45	33.11	7.93	8.00	12.9	2.357	98.3
412	6/19/2012 18:15:50	16.17	50.71	33.30	7.53	7.99	13.6	2.349	93.7
413	6/19/2012 18:30:50	16.25	50.69	33.29	7.37	7.97	13.0	2.355	91.9
414	6/19/2012 18:45:49	16.26	50.52	33.17	7.96	8.01	15.6	2.362	99.1
415	6/19/2012 19:00:50	16.34	50.63	33.25	7.97	8.01	16.7	2.377	99.5
416	6/19/2012 19:15:50	16.30	50.66	33.27	7.82	8.00	16.7	2.418	97.6
417	6/19/2012 19:30:50	16.26	50.51	33.16	7.77	7.99	17.8	2.460	96.9
418	6/19/2012 19:45:50	16.11	50.59	33.22	7.80	7.99	19.4	2.522	96.9
419	6/19/2012 20:00:50	15.91	50.72	33.31	7.83	7.99	16.2	2.578	96.9
420	6/19/2012 20:15:50	16.05	50.65	33.26	7.80	7.98	17.2	2.642	96.9
421	6/19/2012 20:30:49	15.88	50.54	33.18	7.90	7.99	19.6	2.718	97.7
422	6/19/2012 20:45:50	15.69	50.67	33.27	7.94	7.99	17.4	2.785	97.9
423	6/19/2012 21:00:50	14.92	50.65	33.24	7.82	7.96	24.0	2.852	94.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH	NTU		
424	6/19/2012 21:15:50	14.41	50.96	33.45	7.76	7.95	15.3	2.919	93.3
425	6/19/2012 21:30:50	13.65	51.08	33.51	7.66	7.93	16.7	2.997	90.8
426	6/19/2012 21:45:50	13.11	51.15	33.55	7.60	7.91	13.9	3.075	89.2
427	6/19/2012 22:00:50	12.80	51.18	33.55	7.56	7.90	14.4	3.139	88.1
428	6/19/2012 22:15:50	12.52	51.03	33.43	7.52	7.89	13.4	3.220	87.0
429	6/19/2012 22:30:50	12.31	51.35	33.65	7.51	7.88	12.6	3.299	86.7
430	6/19/2012 22:45:50	12.23	51.33	33.63	7.58	7.88	15.6	3.380	87.4
431	6/19/2012 23:00:50	12.26	51.31	33.62	7.74	7.90	17.3	3.456	89.2
432	6/19/2012 23:15:50	11.95	51.36	33.65	7.86	7.89	16.2	3.518	90.1
433	6/19/2012 23:30:50	11.60	51.53	33.75	7.85	7.88	10.5	3.581	89.3
434	6/19/2012 23:45:50	11.41	51.37	33.62	7.85	7.87	8.3	3.636	88.9
435	6/20/2012 0:00:50	11.27	51.28	33.55	7.82	7.87	7.0	3.674	88.2
436	6/20/2012 0:15:50	11.15	51.52	33.72	7.79	7.86	6.2	3.688	87.8
437	6/20/2012 0:30:50	11.39	51.46	33.68	7.62	7.85	5.6	3.696	86.2
438	6/20/2012 0:45:50	11.44	51.44	33.68	7.40	7.84	5.2	3.702	83.8
439	6/20/2012 1:00:50	11.28	51.52	33.72	7.55	7.85	5.1	3.668	85.3
440	6/20/2012 1:15:50	11.38	51.55	33.75	7.57	7.85	7.3	3.607	85.7
441	6/20/2012 1:30:50	11.94	51.36	33.64	7.28	7.85	9.6	3.552	83.3
442	6/20/2012 1:45:50	11.94	51.37	33.65	7.41	7.86	13.8	3.477	84.9
443	6/20/2012 2:00:50	11.86	51.50	33.74	7.29	7.84	21.4	3.380	83.4
444	6/20/2012 2:15:50	12.46	51.01	33.42	7.38	7.88	18.5	3.286	85.3
445	6/20/2012 2:30:50	12.80	51.28	33.62	7.17	7.87	12.3	3.172	83.5
446	6/20/2012 2:45:50	13.12	50.87	33.34	7.08	7.88	29.9	3.079	82.9
447	6/20/2012 3:00:50	13.32	50.78	33.28	7.35	7.91	11.7	2.976	86.4
448	6/20/2012 3:15:50	13.70	50.63	33.18	7.27	7.91	26.7	2.857	86.0
449	6/20/2012 3:30:49	13.93	50.51	33.10	7.25	7.91	26.3	2.736	86.2
450	6/20/2012 3:45:50	14.12	50.82	33.34	7.21	7.92	16.6	2.614	86.2
451	6/20/2012 4:00:50	13.69	50.95	33.42	7.22	7.90	19.7	2.498	85.6
452	6/20/2012 4:15:50	14.28	51.01	33.48	7.27	7.93	16.3	2.375	87.2
453	6/20/2012 4:30:50	14.27	50.92	33.41	7.13	7.92	16.9	2.232	85.6
454	6/20/2012 4:45:50	14.49	50.86	33.38	7.15	7.92	15.9	2.114	86.1
455	6/20/2012 5:00:50	14.64	51.02	33.50	7.05	7.92	15.4	1.991	85.3
456	6/20/2012 5:15:50	14.81	50.95	33.46	6.99	7.92	16.2	1.843	84.8
457	6/20/2012 5:30:50	15.19	50.85	33.39	6.86	7.92	15.3	1.711	83.8
458	6/20/2012 5:45:50	15.35	50.88	33.41	6.97	7.93	17.3	1.580	85.4
459	6/20/2012 6:00:50	15.56	50.26	32.97	6.99	7.95	16.8	1.469	85.8
460	6/20/2012 6:15:50	15.79	50.87	33.41	6.94	7.95	13.3	1.347	85.9
461	6/20/2012 6:30:50	16.05	50.60	33.22	6.91	7.96	15.1	1.262	85.8
462	6/20/2012 6:45:49	16.23	50.53	33.18	6.99	7.97	17.0	1.194	87.1
463	6/20/2012 7:00:50	16.45	50.56	33.20	7.03	7.98	20.0	1.157	87.9
464	6/20/2012 7:15:50	16.55	50.42	33.10	6.70	7.96	16.1	1.152	84.0
465	6/20/2012 7:30:50	16.44	50.61	33.24	6.96	7.97	16.2	1.176	87.0
466	6/20/2012 7:45:50	16.53	50.59	33.22	7.04	7.98	15.4	1.232	88.3
467	6/20/2012 8:00:50	16.48	50.59	33.22	6.99	7.97	14.7	1.292	87.5
468	6/20/2012 8:15:50	16.45	50.55	33.20	6.99	7.97	14.5	1.357	87.4
469	6/20/2012 8:30:50	16.41	50.38	33.07	7.01	7.97	14.4	1.446	87.5
470	6/20/2012 8:45:50	16.19	50.09	32.85	7.01	7.97	15.5	1.507	87.0
471	6/20/2012 9:00:50	16.18	50.36	33.05	7.01	7.96	15.5	1.576	87.1
472	6/20/2012 9:15:50	16.13	50.19	32.93	7.00	7.96	13.7	1.664	86.9
473	6/20/2012 9:30:50	16.07	50.18	32.92	7.00	7.96	13.9	1.733	86.8
474	6/20/2012 9:45:50	15.97	50.31	33.01	7.04	7.96	15.8	1.825	87.1
475	6/20/2012 10:00:50	15.92	50.54	33.18	7.03	7.96	15.5	1.895	87.0
476	6/20/2012 10:15:50	15.66	50.57	33.20	7.07	7.95	15.4	1.990	87.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	6/20/2012 10:30:50	15.11	50.80	33.35	7.13	7.94	14.7	2.094	87.0
478	6/20/2012 10:45:50	14.77	50.91	33.42	7.24	7.94	15.7	2.182	87.7
479	6/20/2012 11:00:50	14.69	50.93	33.43	7.28	7.95	14.4	2.274	88.0
480	6/20/2012 11:15:50	14.71	50.58	33.18	7.36	7.95	13.7	2.376	88.9
481	6/20/2012 11:30:50	14.71	50.79	33.33	7.37	7.95	14.2	2.479	89.1
482	6/20/2012 11:45:50	14.42	50.70	33.26	7.39	7.94	18.6	2.562	88.8
483	6/20/2012 12:00:50	14.30	50.74	33.28	7.38	7.94	17.8	2.645	88.5
484	6/20/2012 12:15:50	14.18	50.95	33.44	7.46	7.93	21.3	2.727	89.3
485	6/20/2012 12:30:50	13.96	50.93	33.41	7.52	7.93	22.0	2.806	89.6
486	6/20/2012 12:45:50	13.77	50.51	33.10	7.58	7.92	19.8	2.875	89.8
487	6/20/2012 13:00:50	13.45	51.04	33.48	7.56	7.91	19.4	2.940	89.3
488	6/20/2012 13:15:50	12.94	50.91	33.36	7.72	7.91	17.6	3.015	90.1
489	6/20/2012 13:30:50	12.69	51.11	33.50	7.74	7.91	15.6	3.068	90.0
490	6/20/2012 13:45:50	12.41	51.06	33.45	7.72	7.90	13.6	3.125	89.2
491	6/20/2012 14:00:50	12.33	51.23	33.57	7.74	7.90	9.7	3.167	89.3
492	6/20/2012 14:15:50	12.31	51.31	33.62	7.71	7.90	9.2	3.196	88.9
493	6/20/2012 14:30:50	12.25	51.38	33.67	7.52	7.88	7.6	3.217	86.7
494	6/20/2012 14:45:50	12.56	51.15	33.52	7.65	7.91	9.4	3.210	88.6
495	6/20/2012 15:00:50	12.36	51.13	33.49	7.69	7.90	7.8	3.181	88.7
496	6/20/2012 15:15:50	12.45	51.17	33.53	7.57	7.89	8.3	3.142	87.5
497	6/20/2012 15:30:50	12.69	51.20	33.56	7.46	7.88	11.2	3.086	86.7
498	6/20/2012 15:45:50	13.58	51.02	33.47	7.71	7.93	11.3	3.015	91.3
499	6/20/2012 16:00:50	14.08	51.08	33.53	7.87	7.94	9.8	2.941	94.1
500	6/20/2012 16:15:50	14.39	50.73	33.28	8.08	7.97	10.6	2.875	97.0
501	6/20/2012 16:30:50	14.64	50.98	33.47	8.17	7.98	8.9	2.794	98.8
502	6/20/2012 16:45:50	15.08	50.98	33.48	8.81	8.04	8.6	2.725	107.5
503	6/20/2012 17:00:50	15.12	50.73	33.30	8.45	8.01	8.6	2.661	103.0
504	6/20/2012 17:15:50	15.51	50.81	33.37	8.91	8.06	9.0	2.599	109.5
505	6/20/2012 17:30:49	15.69	50.52	33.16	8.85	8.05	8.1	2.546	109.1
506	6/20/2012 17:45:50	15.86	50.74	33.32	9.09	8.07	7.3	2.491	112.5
507	6/20/2012 18:00:50	16.33	50.85	33.41	10.67	8.18	7.2	2.440	133.3
508	6/20/2012 18:15:50	16.38	50.73	33.32	9.64	8.12	6.5	2.413	120.5
509	6/20/2012 18:30:50	16.63	50.70	33.30	10.19	8.15	6.3	2.374	128.0
510	6/20/2012 18:45:49	16.71	50.57	33.21	9.51	8.11	6.2	2.357	119.6
511	6/20/2012 19:00:49	16.62	50.69	33.30	9.66	8.13	7.6	2.351	121.4
512	6/20/2012 19:15:50	16.59	50.70	33.30	10.29	8.15	7.0	2.353	129.2
513	6/20/2012 19:30:50	16.42	50.79	33.37	10.03	8.14	7.4	2.376	125.6
514	6/20/2012 19:45:50	16.29	50.71	33.31	9.71	8.11	7.8	2.404	121.2
515	6/20/2012 20:00:50	16.31	50.65	33.26	9.14	8.07	8.2	2.442	114.0
516	6/20/2012 20:15:50	16.10	50.79	33.36	8.83	8.05	9.4	2.482	109.8
517	6/20/2012 20:30:50	16.02	50.79	33.36	8.59	8.03	11.6	2.551	106.6
518	6/20/2012 20:45:50	16.10	50.70	33.30	8.52	8.03	9.1	2.604	106.0
519	6/20/2012 21:00:50	15.81	50.56	33.19	8.40	8.02	10.5	2.674	103.8
520	6/20/2012 21:15:50	15.31	50.86	33.40	8.35	8.00	11.2	2.746	102.2
521	6/20/2012 21:30:50	14.89	50.91	33.42	8.35	7.99	9.7	2.819	101.4
522	6/20/2012 21:45:50	14.36	50.74	33.29	8.21	7.97	11.4	2.892	98.6
523	6/20/2012 22:00:50	13.73	50.91	33.39	8.07	7.95	11.5	2.958	95.7
524	6/20/2012 22:15:50	13.57	50.97	33.43	7.95	7.95	10.2	3.039	94.1
525	6/20/2012 22:30:50	13.33	51.07	33.49	7.90	7.94	9.9	3.116	93.0
526	6/20/2012 22:45:50	12.77	51.25	33.61	7.78	7.92	10.4	3.185	90.6
527	6/20/2012 23:00:50	12.59	51.36	33.67	7.73	7.91	10.4	3.265	89.7
528	6/20/2012 23:15:50	12.27	51.31	33.63	7.79	7.91	11.2	3.351	89.8
529	6/20/2012 23:30:50	11.75	51.50	33.74	7.81	7.89	11.7	3.428	89.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
530	6/20/2012 23:45:50	11.45	51.42	33.66	7.78	7.88	9.3	3.489	88.1
531	6/21/2012 0:00:50	11.25	51.56	33.76	7.71	7.88	8.4	3.552	87.1
532	6/21/2012 0:15:50	11.14	51.43	33.65	7.71	7.87	7.2	3.616	86.7
533	6/21/2012 0:30:50	11.04	51.71	33.85	7.67	7.87	5.8	3.649	86.3
534	6/21/2012 0:45:50	10.97	51.70	33.84	7.58	7.86	5.3	3.677	85.2
535	6/21/2012 1:00:50	10.95	51.76	33.88	7.51	7.86	5.6	3.707	84.4
536	6/21/2012 1:15:50	11.33	51.56	33.75	7.40	7.86	6.7	3.699	83.6
537	6/21/2012 1:30:50	10.98	51.59	33.76	7.63	7.86	6.2	3.686	85.7
538	6/21/2012 1:45:50	11.02	51.51	33.70	7.51	7.86	5.8	3.648	84.4
539	6/21/2012 2:00:50	11.25	51.21	33.50	7.44	7.85	8.4	3.593	83.8
540	6/21/2012 2:15:50	11.79	51.55	33.78	7.35	7.86	9.3	3.516	84.0
541	6/21/2012 2:30:50	11.93	51.39	33.67	7.55	7.87	14.2	3.425	86.5
542	6/21/2012 2:45:50	11.59	51.40	33.65	7.36	7.85	28.6	3.325	83.7
543	6/21/2012 3:00:50	12.02	51.27	33.58	7.54	7.87	13.0	3.222	86.4
544	6/21/2012 3:15:50	13.31	51.13	33.54	7.60	7.93	12.4	3.118	89.4
545	6/21/2012 3:30:50	13.50	51.06	33.50	7.47	7.92	13.3	3.011	88.2
546	6/21/2012 3:45:50	13.73	51.09	33.53	7.43	7.92	19.5	2.898	88.2
547	6/21/2012 4:00:50	14.22	50.71	33.26	7.30	7.93	9.5	2.788	87.4
548	6/21/2012 4:15:50	14.19	50.97	33.45	7.41	7.93	32.6	2.662	88.8
549	6/21/2012 4:30:50	14.24	50.80	33.33	7.64	7.94	24.6	2.542	91.5
550	6/21/2012 4:45:50	14.04	51.09	33.54	7.52	7.93	28.3	2.415	89.9
551	6/21/2012 5:00:50	14.49	51.05	33.52	7.54	7.94	21.4	2.278	90.9
552	6/21/2012 5:15:50	14.67	50.92	33.43	7.48	7.94	15.0	2.160	90.4
553	6/21/2012 5:30:50	14.60	50.75	33.30	7.37	7.93	11.9	2.019	88.9
554	6/21/2012 5:45:50	14.83	50.96	33.46	7.34	7.94	13.9	1.881	89.1
555	6/21/2012 6:00:50	15.31	50.99	33.49	7.36	7.96	11.3	1.750	90.2
556	6/21/2012 6:15:50	15.46	50.68	33.27	7.36	7.96	13.7	1.622	90.3
557	6/21/2012 6:30:50	15.76	50.84	33.39	7.39	7.98	11.9	1.494	91.3
558	6/21/2012 6:45:50	15.97	50.72	33.31	7.40	7.99	11.0	1.388	91.8
559	6/21/2012 7:00:50	16.15	50.87	33.42	7.35	7.99	10.9	1.285	91.6
560	6/21/2012 7:15:50	16.56	50.74	33.33	7.25	8.00	11.1	1.206	90.9
561	6/21/2012 7:30:49	16.92	50.40	33.09	7.36	8.02	16.2	1.186	92.8
562	6/21/2012 7:45:50	17.07	50.66	33.28	7.23	8.01	14.2	1.149	91.6
563	6/21/2012 8:00:50	17.05	50.57	33.22	7.22	8.02	12.8	1.167	91.4
564	6/21/2012 8:15:50	17.09	50.46	33.13	7.29	8.02	13.7	1.235	92.3
565	6/21/2012 8:30:49	16.90	50.30	33.02	7.32	8.01	12.6	1.271	92.2
566	6/21/2012 8:45:50	16.88	50.75	33.35	7.35	8.01	11.4	1.331	92.8
567	6/21/2012 9:00:50	16.80	50.64	33.27	7.36	8.01	11.7	1.415	92.8
568	6/21/2012 9:15:49	16.79	50.16	32.91	7.32	8.01	12.7	1.493	92.0
569	6/21/2012 9:30:50	16.67	50.57	33.21	7.31	8.00	12.0	1.560	91.9
570	6/21/2012 9:45:50	16.62	50.55	33.20	7.30	8.00	12.3	1.634	91.6
571	6/21/2012 10:00:50	16.58	50.42	33.10	7.33	8.00	13.1	1.718	91.8
572	6/21/2012 10:15:50	16.41	50.48	33.14	7.35	8.00	12.0	1.805	91.8
573	6/21/2012 10:30:50	16.25	50.61	33.23	7.37	7.99	13.0	1.877	91.8
574	6/21/2012 10:45:50	15.94	50.60	33.22	7.41	7.98	14.6	1.988	91.7
575	6/21/2012 11:00:50	15.48	50.64	33.24	7.50	7.98	13.9	2.076	92.1
576	6/21/2012 11:15:50	15.34	50.91	33.43	7.49	7.98	12.2	2.171	91.9
577	6/21/2012 11:30:50	15.05	51.00	33.49	7.58	7.98	12.0	2.273	92.3
578	6/21/2012 11:45:50	15.02	50.86	33.39	7.63	7.98	12.0	2.370	92.9
579	6/21/2012 12:00:50	14.99	51.00	33.49	7.67	7.98	11.2	2.465	93.4
580	6/21/2012 12:15:50	14.87	50.94	33.45	7.70	7.98	12.8	2.553	93.5
581	6/21/2012 12:30:50	14.72	50.95	33.45	7.76	7.97	13.0	2.640	94.0
582	6/21/2012 12:45:50	14.42	50.89	33.40	7.67	7.96	13.7	2.726	92.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	6/21/2012 13:00:50	14.13	50.80	33.32	7.73	7.95	16.8	2.803	92.4
584	6/21/2012 13:15:50	13.85	50.98	33.45	7.77	7.95	15.8	2.880	92.5
585	6/21/2012 13:30:50	13.59	51.08	33.51	7.80	7.94	13.1	2.947	92.4
586	6/21/2012 13:45:50	13.13	51.24	33.61	7.73	7.92	13.9	3.021	90.7
587	6/21/2012 14:00:50	12.58	51.40	33.70	7.67	7.91	13.6	3.080	89.0
588	6/21/2012 14:15:50	12.41	51.33	33.64	7.69	7.91	11.6	3.130	89.0
589	6/21/2012 14:30:50	12.35	51.25	33.58	7.70	7.91	9.1	3.189	88.9
590	6/21/2012 14:45:50	12.33	51.05	33.44	7.70	7.92	7.6	3.212	88.8
591	6/21/2012 15:00:50	12.26	51.31	33.62	7.69	7.91	6.8	3.241	88.6
592	6/21/2012 15:15:50	12.36	51.35	33.65	7.28	7.89	6.3	3.243	84.1
593	6/21/2012 15:30:50	12.39	51.29	33.62	7.32	7.90	5.7	3.220	84.6
594	6/21/2012 15:45:50	12.24	51.32	33.63	7.18	7.88	5.4	3.190	82.8
595	6/21/2012 16:00:50	12.97	50.85	33.32	7.52	7.91	9.7	3.133	87.8
596	6/21/2012 16:15:50	13.67	50.76	33.28	7.89	7.96	11.0	3.068	93.4
597	6/21/2012 16:30:50	13.55	50.93	33.40	7.82	7.95	9.8	2.994	92.5
598	6/21/2012 16:45:50	13.97	51.09	33.53	8.00	7.97	9.1	2.920	95.4
599	6/21/2012 17:00:50	14.13	50.91	33.41	8.00	7.97	8.0	2.836	95.7
600	6/21/2012 17:15:50	14.47	51.02	33.50	8.11	7.99	9.0	2.769	97.8
601	6/21/2012 17:30:50	14.66	50.92	33.43	8.20	8.00	8.9	2.691	99.2
602	6/21/2012 17:45:50	14.85	50.95	33.45	8.26	8.01	7.4	2.620	100.2
603	6/21/2012 18:00:50	15.14	50.90	33.43	8.25	8.02	7.2	2.570	100.7
604	6/21/2012 18:15:50	15.34	50.91	33.44	8.66	8.05	6.6	2.498	106.2
605	6/21/2012 18:30:50	15.59	50.55	33.18	9.27	8.09	7.6	2.446	114.0
606	6/21/2012 18:45:50	15.59	50.85	33.40	9.64	8.13	5.4	2.408	118.7
607	6/21/2012 19:00:50	15.82	50.93	33.46	8.98	8.08	5.6	2.371	111.1
608	6/21/2012 19:15:50	15.92	50.58	33.20	8.68	8.06	5.1	2.334	107.4
609	6/21/2012 19:30:50	15.99	50.63	33.24	8.71	8.07	5.2	2.318	108.0
610	6/21/2012 19:45:50	16.02	50.84	33.40	8.14	8.04	5.6	2.304	101.1
611	6/21/2012 20:00:50	16.05	50.49	33.15	8.64	8.07	15.9	2.312	107.2
612	6/21/2012 20:15:50	15.89	50.57	33.20	9.20	8.09	8.3	2.333	113.8
613	6/21/2012 20:30:50	15.81	50.88	33.42	9.11	8.09	8.0	2.359	112.6
614	6/21/2012 20:45:50	15.81	50.66	33.26	8.70	8.06	7.9	2.397	107.5
615	6/21/2012 21:00:50	15.66	50.94	33.47	8.41	8.03	8.9	2.460	103.7
616	6/21/2012 21:15:50	15.78	50.74	33.32	8.50	8.04	10.3	2.516	105.1
617	6/21/2012 21:30:50	15.50	50.76	33.33	8.33	8.02	8.1	2.583	102.4
618	6/21/2012 21:45:50	15.30	50.83	33.38	8.33	8.02	8.9	2.653	102.0
619	6/21/2012 22:00:50	14.88	51.01	33.50	8.37	8.01	8.3	2.719	101.7
620	6/21/2012 22:15:50	14.40	51.14	33.58	8.27	8.00	8.3	2.794	99.5
621	6/21/2012 22:30:50	13.95	51.10	33.54	8.04	7.97	9.2	2.856	95.9
622	6/21/2012 22:45:50	13.53	51.05	33.48	7.91	7.95	8.3	2.927	93.5
623	6/21/2012 23:00:50	13.23	51.11	33.52	7.84	7.95	8.3	3.011	92.1
624	6/21/2012 23:15:50	13.03	50.91	33.37	7.79	7.94	7.3	3.072	91.0
625	6/21/2012 23:30:50	12.64	51.16	33.53	7.64	7.93	8.1	3.146	88.7
626	6/21/2012 23:45:50	12.09	51.40	33.68	7.46	7.91	9.5	3.221	85.8
627	6/22/2012 0:00:50	11.72	51.49	33.72	7.28	7.89	9.7	3.297	83.0
628	6/22/2012 0:15:50	11.42	51.57	33.77	7.17	7.88	7.7	3.364	81.3
629	6/22/2012 0:30:50	11.15	51.53	33.72	7.06	7.86	8.1	3.431	79.5
630	6/22/2012 0:45:50	11.00	51.59	33.76	6.98	7.85	6.4	3.497	78.4
631	6/22/2012 1:00:50	10.84	51.63	33.78	6.92	7.85	5.3	3.541	77.5
632	6/22/2012 1:15:50	10.75	51.41	33.61	6.91	7.85	4.8	3.582	77.2
633	6/22/2012 1:30:50	10.70	51.73	33.84	6.80	7.84	4.5	3.612	75.9
634	6/22/2012 1:45:50	10.55	51.58	33.73	6.71	7.82	3.7	3.634	74.6
635	6/22/2012 2:00:50	10.98	51.62	33.78	6.54	7.83	4.4	3.621	73.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
636	6/22/2012 2:15:50	10.77	51.53	33.70	6.44	7.82	4.2	3.595	71.9
637	6/22/2012 2:30:50	10.65	51.67	33.79	6.62	7.82	5.3	3.557	73.8
638	6/22/2012 2:45:50	12.75	51.23	33.59	7.11	7.90	11.3	3.496	82.8
639	6/22/2012 3:00:50	12.94	51.24	33.61	7.21	7.91	8.4	3.408	84.2
640	6/22/2012 3:15:50	12.36	50.72	33.19	7.11	7.88	6.1	3.338	81.9
641	6/22/2012 3:30:50	12.25	50.92	33.34	7.11	7.88	6.4	3.233	81.8
642	6/22/2012 3:45:50	12.94	51.35	33.68	7.27	7.92	8.5	3.141	85.0
643	6/22/2012 4:00:50	12.91	51.24	33.60	7.23	7.91	7.8	3.031	84.5
644	6/22/2012 4:15:50	13.09	51.03	33.45	7.22	7.91	14.4	2.924	84.6
645	6/22/2012 4:30:50	13.43	50.95	33.41	7.33	7.92	9.1	2.824	86.4
646	6/22/2012 4:45:50	13.81	50.79	33.31	7.35	7.93	18.3	2.704	87.3
647	6/22/2012 5:00:49	14.14	50.64	33.21	7.36	7.93	12.1	2.589	87.9
648	6/22/2012 5:15:49	13.52	50.59	33.15	7.15	7.90	13.9	2.456	84.3
649	6/22/2012 5:30:50	13.85	50.93	33.41	7.12	7.91	10.0	2.340	84.7
650	6/22/2012 5:45:50	13.91	51.06	33.51	7.20	7.91	11.9	2.196	85.8
651	6/22/2012 6:00:50	14.21	50.84	33.35	7.18	7.92	9.7	2.065	86.0
652	6/22/2012 6:15:50	14.42	50.86	33.38	7.21	7.92	8.3	1.946	86.7
653	6/22/2012 6:30:49	14.78	50.35	33.02	7.22	7.93	10.0	1.802	87.3
654	6/22/2012 6:45:49	14.98	50.44	33.08	7.22	7.94	9.4	1.670	87.7
655	6/22/2012 7:00:50	15.37	50.81	33.37	7.28	7.96	9.6	1.550	89.2
656	6/22/2012 7:15:50	15.76	50.52	33.16	7.29	7.98	9.6	1.442	89.9
657	6/22/2012 7:30:50	16.02	50.45	33.11	7.23	7.99	9.2	1.357	89.6
658	6/22/2012 7:45:50	16.22	50.51	33.16	7.20	7.99	9.8	1.260	89.6
659	6/22/2012 8:00:50	16.33	50.55	33.19	7.03	7.98	11.2	1.223	87.7
660	6/22/2012 8:15:50	16.20	50.50	33.16	7.24	7.99	10.0	1.219	90.1
661	6/22/2012 8:30:50	16.17	50.58	33.21	7.15	7.98	11.0	1.202	88.9
662	6/22/2012 8:45:50	16.19	50.44	33.11	7.28	7.99	8.7	1.232	90.6
663	6/22/2012 9:00:49	16.11	50.47	33.13	7.34	7.99	9.0	1.297	91.1
664	6/22/2012 9:15:50	16.12	50.37	33.06	7.39	7.99	9.0	1.353	91.8
665	6/22/2012 9:30:50	16.09	50.54	33.18	7.45	8.00	9.6	1.417	92.6
666	6/22/2012 9:45:50	16.11	50.26	32.97	7.39	7.99	10.6	1.506	91.7
667	6/22/2012 10:00:50	16.03	50.35	33.04	7.32	7.98	10.0	1.582	90.8
668	6/22/2012 10:15:50	15.97	50.51	33.15	7.28	7.98	10.9	1.647	90.2
669	6/22/2012 10:30:50	15.95	50.24	32.96	7.26	7.97	10.2	1.734	89.8
670	6/22/2012 10:45:50	15.93	50.34	33.03	7.28	7.97	10.4	1.816	90.1
671	6/22/2012 11:00:50	15.75	50.29	32.99	7.29	7.97	10.6	1.901	89.8
672	6/22/2012 11:15:49	15.65	50.31	33.00	7.32	7.97	10.0	1.990	90.0
673	6/22/2012 11:30:50	15.35	50.65	33.24	7.37	7.97	9.6	2.080	90.2
674	6/22/2012 11:45:50	15.13	50.53	33.16	7.46	7.97	9.8	2.180	90.9
675	6/22/2012 12:00:50	14.96	50.54	33.16	7.53	7.97	9.8	2.284	91.5
676	6/22/2012 12:15:50	14.84	50.58	33.18	7.57	7.97	9.6	2.370	91.7
677	6/22/2012 12:30:50	14.68	50.70	33.26	7.63	7.97	8.9	2.460	92.1
678	6/22/2012 12:45:50	14.49	50.64	33.21	7.60	7.97	10.8	2.566	91.4
679	6/22/2012 13:00:50	14.25	50.79	33.32	7.57	7.96	12.2	2.650	90.7
680	6/22/2012 13:15:50	14.07	50.98	33.45	7.53	7.95	12.6	2.723	90.0
681	6/22/2012 13:30:50	13.70	50.75	33.27	7.57	7.94	13.7	2.808	89.7
682	6/22/2012 13:45:50	13.48	50.91	33.38	7.56	7.93	14.0	2.893	89.2
683	6/22/2012 14:00:50	13.06	50.73	33.23	7.47	7.92	13.6	2.969	87.3
684	6/22/2012 14:15:50	12.61	50.99	33.41	7.31	7.90	13.3	3.036	84.8
685	6/22/2012 14:30:50	12.10	51.38	33.67	7.19	7.88	10.0	3.110	82.6
686	6/22/2012 14:45:50	11.85	51.46	33.71	7.15	7.88	9.8	3.177	81.7
687	6/22/2012 15:00:50	11.62	51.50	33.73	7.11	7.88	8.2	3.227	80.9
688	6/22/2012 15:15:50	11.62	51.10	33.44	7.10	7.88	7.0	3.275	80.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
689	6/22/2012 15:30:50	11.50	51.48	33.71	7.10	7.87	6.7	3.301	80.6
690	6/22/2012 15:45:50	11.89	51.40	33.67	7.24	7.89	7.2	3.319	82.9
691	6/22/2012 16:00:50	11.69	51.49	33.73	7.06	7.87	5.1	3.305	80.4
692	6/22/2012 16:15:50	11.43	51.44	33.67	7.00	7.86	5.7	3.268	79.3
693	6/22/2012 16:30:50	11.56	51.40	33.65	6.93	7.87	7.6	3.236	78.7
694	6/22/2012 16:45:50	11.89	51.29	33.59	7.10	7.89	8.2	3.190	81.2
695	6/22/2012 17:00:50	12.21	51.02	33.41	7.23	7.90	7.0	3.142	83.1
696	6/22/2012 17:15:50	12.70	51.16	33.54	7.40	7.92	12.4	3.057	86.0
697	6/22/2012 17:30:50	13.18	50.67	33.20	7.79	7.95	12.0	2.968	91.2
698	6/22/2012 17:45:50	13.38	50.74	33.25	7.94	7.97	11.7	2.876	93.5
699	6/22/2012 18:00:50	13.61	50.71	33.24	8.23	8.00	10.8	2.799	97.3
700	6/22/2012 18:15:50	13.76	50.86	33.35	8.06	7.98	11.1	2.722	95.6
701	6/22/2012 18:30:50	13.78	50.62	33.18	8.13	7.99	11.2	2.628	96.4
702	6/22/2012 18:45:50	13.91	50.77	33.29	8.08	7.99	10.1	2.571	96.2
703	6/22/2012 19:00:50	13.95	50.24	32.91	7.97	7.98	9.5	2.515	94.6
704	6/22/2012 19:15:50	14.24	50.56	33.15	8.09	7.99	8.5	2.445	96.8
705	6/22/2012 19:30:50	14.57	50.72	33.28	8.22	8.01	8.5	2.407	99.1
706	6/22/2012 19:45:50	15.04	50.58	33.18	8.43	8.04	9.5	2.365	102.5
707	6/22/2012 20:00:50	15.15	50.46	33.10	8.09	8.01	7.6	2.335	98.6
708	6/22/2012 20:15:50	15.07	50.38	33.05	8.29	8.04	6.7	2.304	100.9
709	6/22/2012 20:30:50	15.11	50.32	33.00	8.21	8.03	6.0	2.297	99.9
710	6/22/2012 20:45:50	14.70	50.57	33.17	8.48	8.04	7.9	2.309	102.4
711	6/22/2012 21:00:50	14.61	50.59	33.18	8.09	8.00	8.5	2.315	97.6
712	6/22/2012 21:15:50	14.52	50.63	33.21	8.24	8.01	9.3	2.355	99.2
713	6/22/2012 21:30:50	14.54	50.50	33.12	8.16	8.00	9.3	2.388	98.2
714	6/22/2012 21:45:50	14.49	50.34	33.00	8.06	7.99	9.2	2.448	96.8
715	6/22/2012 22:00:50	14.66	50.57	33.17	8.17	8.01	9.3	2.512	98.6
716	6/22/2012 22:15:50	14.41	50.66	33.23	8.07	7.99	9.4	2.568	97.0
717	6/22/2012 22:30:50	14.18	50.46	33.08	8.08	7.99	9.0	2.639	96.5
718	6/22/2012 22:45:50	14.04	50.57	33.15	8.10	7.99	8.3	2.705	96.6
719	6/22/2012 23:00:50	13.91	50.76	33.29	8.02	7.98	8.4	2.776	95.4
720	6/22/2012 23:15:50	13.74	50.67	33.21	7.83	7.96	8.3	2.831	92.8
721	6/22/2012 23:30:50	13.38	50.88	33.36	7.70	7.95	7.3	2.903	90.6
722	6/22/2012 23:45:50	13.20	51.07	33.49	7.59	7.93	7.6	2.975	89.1
723	6/23/2012 0:00:50	13.02	51.18	33.56	7.54	7.93	7.0	3.039	88.3
724	6/23/2012 0:15:50	12.83	51.03	33.45	7.49	7.92	6.7	3.100	87.3
725	6/23/2012 0:30:50	12.33	50.99	33.40	7.42	7.90	7.0	3.183	85.5
726	6/23/2012 0:45:50	11.99	51.34	33.63	7.36	7.89	7.3	3.256	84.4
727	6/23/2012 1:00:50	11.69	51.20	33.51	7.33	7.88	7.3	3.312	83.4
728	6/23/2012 1:15:50	11.45	51.16	33.47	7.32	7.87	6.7	3.382	82.8
729	6/23/2012 1:30:50	11.25	51.37	33.61	7.31	7.86	5.6	3.436	82.5
730	6/23/2012 1:45:50	11.01	51.41	33.63	7.33	7.86	5.1	3.488	82.2
731	6/23/2012 2:00:50	10.84	51.48	33.67	7.31	7.84	4.6	3.519	81.8
732	6/23/2012 2:15:50	10.81	51.51	33.69	7.19	7.84	5.0	3.547	80.4
733	6/23/2012 2:30:50	11.07	51.40	33.62	7.21	7.85	5.3	3.555	81.0
734	6/23/2012 2:45:50	10.99	51.49	33.69	7.04	7.84	4.2	3.542	79.0
735	6/23/2012 3:00:50	10.89	51.42	33.63	6.90	7.82	4.5	3.527	77.2
736	6/23/2012 3:15:50	10.96	51.41	33.63	7.09	7.84	4.5	3.475	79.5
737	6/23/2012 3:30:50	12.62	51.08	33.47	7.12	7.88	8.1	3.409	82.6
738	6/23/2012 3:45:50	12.42	50.98	33.39	7.07	7.88	6.7	3.351	81.7
739	6/23/2012 4:00:50	12.33	50.71	33.19	7.09	7.87	6.0	3.262	81.6
740	6/23/2012 4:15:50	12.48	50.91	33.34	7.21	7.89	6.4	3.163	83.3
741	6/23/2012 4:30:50	12.84	50.98	33.41	7.19	7.90	7.1	3.072	83.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
742	6/23/2012 4:45:50	13.03	50.96	33.40	7.15	7.90	6.3	2.969	83.6
743	6/23/2012 5:00:50	13.10	50.95	33.39	7.29	7.91	8.0	2.862	85.4
744	6/23/2012 5:15:50	13.50	50.94	33.40	7.22	7.91	7.6	2.748	85.3
745	6/23/2012 5:30:50	13.59	50.63	33.18	7.23	7.92	8.5	2.649	85.4
746	6/23/2012 5:45:50	13.79	50.72	33.26	7.07	7.91	7.8	2.534	83.9
747	6/23/2012 6:00:50	13.76	50.85	33.35	7.17	7.92	11.9	2.413	85.1
748	6/23/2012 6:15:50	13.52	50.93	33.40	7.09	7.90	14.4	2.291	83.8
749	6/23/2012 6:30:50	13.80	50.76	33.29	7.22	7.92	20.2	2.165	85.8
750	6/23/2012 6:45:50	14.05	50.52	33.12	7.16	7.92	13.2	2.050	85.4
751	6/23/2012 7:00:50	14.26	50.48	33.09	7.30	7.94	11.0	1.917	87.4
752	6/23/2012 7:15:50	14.35	50.46	33.08	7.40	7.94	10.9	1.797	88.8
753	6/23/2012 7:30:50	14.53	50.27	32.94	7.47	7.96	10.7	1.685	89.7
754	6/23/2012 7:45:50	14.87	50.33	33.00	7.49	7.97	10.0	1.568	90.7
755	6/23/2012 8:00:50	15.14	50.23	32.93	7.46	7.98	9.0	1.468	90.8
756	6/23/2012 8:15:50	15.29	50.13	32.87	7.39	7.98	9.6	1.402	90.1
757	6/23/2012 8:30:50	15.35	50.14	32.87	7.37	7.98	9.2	1.332	90.1
758	6/23/2012 8:45:50	15.43	49.98	32.76	7.51	7.99	9.5	1.311	91.9
759	6/23/2012 9:00:50	15.36	50.19	32.91	7.42	7.99	8.6	1.295	90.6
760	6/23/2012 9:15:50	15.36	50.19	32.91	7.50	7.98	9.5	1.290	91.7
761	6/23/2012 9:30:50	15.37	50.26	32.96	7.46	7.98	9.5	1.359	91.2
762	6/23/2012 9:45:50	15.30	50.00	32.77	7.41	7.97	9.3	1.402	90.4
763	6/23/2012 10:00:50	15.39	50.22	32.93	7.39	7.97	9.2	1.449	90.4
764	6/23/2012 10:15:50	15.39	50.10	32.84	7.44	7.97	10.0	1.544	91.0
765	6/23/2012 10:30:50	15.24	49.93	32.72	7.36	7.96	10.0	1.629	89.6
766	6/23/2012 10:45:50	15.16	49.89	32.69	7.32	7.96	10.6	1.698	89.0
767	6/23/2012 11:00:50	15.13	49.79	32.61	7.29	7.95	9.7	1.768	88.5
768	6/23/2012 11:15:50	15.02	49.79	32.61	7.27	7.95	9.2	1.868	88.1
769	6/23/2012 11:30:50	15.05	49.87	32.67	7.33	7.95	9.7	1.947	88.9
770	6/23/2012 11:45:50	14.90	49.98	32.75	7.36	7.95	8.3	2.032	89.0
771	6/23/2012 12:00:50	14.67	50.11	32.83	7.27	7.94	8.8	2.121	87.7
772	6/23/2012 12:15:50	14.60	50.41	33.05	7.38	7.95	8.9	2.213	88.9
773	6/23/2012 12:30:50	14.60	50.49	33.11	7.46	7.96	10.0	2.326	89.9
774	6/23/2012 12:45:50	14.54	50.50	33.12	7.51	7.96	10.3	2.409	90.4
775	6/23/2012 13:00:50	14.41	50.58	33.17	7.52	7.96	10.1	2.492	90.3
776	6/23/2012 13:15:50	14.17	50.77	33.30	7.51	7.95	10.9	2.595	89.9
777	6/23/2012 13:30:50	13.94	50.52	33.11	7.50	7.94	11.7	2.684	89.2
778	6/23/2012 13:45:50	13.71	50.60	33.16	7.51	7.93	13.0	2.765	88.9
779	6/23/2012 14:00:50	13.36	50.68	33.21	7.58	7.92	14.5	2.854	89.1
780	6/23/2012 14:15:50	13.18	50.92	33.38	7.57	7.92	14.1	2.934	88.7
781	6/23/2012 14:30:50	12.77	50.98	33.40	7.57	7.90	14.7	3.021	88.0
782	6/23/2012 14:45:50	12.24	51.05	33.43	7.63	7.89	13.1	3.095	87.8
783	6/23/2012 15:00:50	11.87	51.23	33.54	7.74	7.89	11.7	3.169	88.5
784	6/23/2012 15:15:50	11.74	51.15	33.48	7.77	7.89	10.8	3.250	88.5
785	6/23/2012 15:30:50	11.66	51.35	33.62	7.79	7.89	9.2	3.301	88.6
786	6/23/2012 15:45:50	11.61	51.15	33.47	7.80	7.89	6.9	3.344	88.6
787	6/23/2012 16:00:50	11.55	51.20	33.51	7.85	7.90	5.7	3.383	89.1
788	6/23/2012 16:15:50	11.50	51.34	33.60	7.81	7.89	5.6	3.405	88.5
789	6/23/2012 16:30:50	11.73	51.03	33.39	7.71	7.89	5.1	3.410	87.8
790	6/23/2012 16:45:50	11.60	51.34	33.61	7.84	7.90	5.1	3.383	89.1
791	6/23/2012 17:00:50	11.72	50.98	33.35	7.77	7.90	6.3	3.345	88.4
792	6/23/2012 17:15:50	11.95	51.30	33.60	7.77	7.90	7.2	3.295	89.0
793	6/23/2012 17:30:50	12.20	51.23	33.56	7.91	7.91	11.5	3.228	91.1
794	6/23/2012 17:45:50	13.05	50.73	33.23	8.48	8.00	8.9	3.144	99.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	6/23/2012 18:00:50	13.91	50.72	33.26	8.90	8.06	11.7	3.060	105.9
796	6/23/2012 18:15:50	14.36	50.85	33.37	9.54	8.14	8.3	2.971	114.6
797	6/23/2012 18:30:50	14.19	50.71	33.26	8.67	8.05	10.6	2.891	103.8
798	6/23/2012 18:45:50	14.02	50.71	33.25	8.21	7.98	11.5	2.811	97.9
799	6/23/2012 19:00:50	14.21	50.67	33.23	8.74	8.06	10.1	2.748	104.6
800	6/23/2012 19:15:50	14.10	50.78	33.31	8.54	8.03	12.0	2.677	102.1
801	6/23/2012 19:30:50	14.19	50.66	33.23	8.86	8.07	10.3	2.619	106.0
802	6/23/2012 19:45:50	14.39	50.76	33.30	8.74	8.07	9.2	2.560	105.0
803	6/23/2012 20:00:50	14.50	50.53	33.14	8.83	8.09	7.4	2.501	106.2
804	6/23/2012 20:15:50	14.60	50.47	33.09	8.90	8.10	6.9	2.447	107.3
805	6/23/2012 20:30:50	14.72	50.37	33.03	8.70	8.07	6.7	2.404	105.0
806	6/23/2012 20:45:50	14.77	50.45	33.09	8.43	8.05	8.5	2.354	101.9
807	6/23/2012 21:00:50	14.88	50.33	33.00	8.61	8.08	9.7	2.326	104.3
808	6/23/2012 21:15:50	14.93	50.24	32.94	8.51	8.09	9.0	2.316	103.2
809	6/23/2012 21:30:50	14.83	50.70	33.27	7.98	8.06	10.1	2.296	96.7
810	6/23/2012 21:45:50	14.82	50.26	32.95	8.72	8.08	9.0	2.312	105.5
811	6/23/2012 22:00:50	14.68	50.58	33.18	8.64	8.06	9.4	2.317	104.3
812	6/23/2012 22:15:50	14.59	50.66	33.24	8.31	8.02	10.4	2.365	100.2
813	6/23/2012 22:30:50	14.46	50.74	33.29	8.44	8.03	11.1	2.411	101.6
814	6/23/2012 22:45:50	14.39	50.77	33.31	8.34	8.01	10.9	2.458	100.2
815	6/23/2012 23:00:50	14.28	50.69	33.25	8.31	8.01	10.4	2.524	99.7
816	6/23/2012 23:15:50	14.12	50.56	33.15	8.43	8.01	10.6	2.588	100.6
817	6/23/2012 23:30:50	14.03	50.76	33.29	8.42	8.01	9.6	2.656	100.5
818	6/23/2012 23:45:50	13.95	50.54	33.13	8.40	8.01	9.6	2.723	99.9
819	6/24/2012 0:00:50	13.89	50.56	33.14	8.23	7.99	9.2	2.785	97.8
820	6/24/2012 0:15:50	13.72	50.67	33.21	8.13	7.97	9.1	2.855	96.3
821	6/24/2012 0:30:50	13.62	50.81	33.32	8.07	7.96	8.9	2.927	95.4
822	6/24/2012 0:45:50	13.44	50.91	33.38	8.07	7.96	8.7	2.980	95.2
823	6/24/2012 1:00:50	13.17	50.71	33.22	8.03	7.95	7.4	3.054	94.0
824	6/24/2012 1:15:50	12.94	50.83	33.31	7.99	7.94	7.6	3.126	93.2
825	6/24/2012 1:30:50	12.71	50.79	33.26	7.96	7.93	7.6	3.190	92.4
826	6/24/2012 1:45:50	12.36	50.77	33.23	7.99	7.93	7.3	3.255	92.0
827	6/24/2012 2:00:50	12.11	51.18	33.52	7.96	7.92	6.4	3.315	91.4
828	6/24/2012 2:15:50	11.98	50.98	33.37	7.93	7.91	5.6	3.369	90.8
829	6/24/2012 2:30:50	11.80	51.02	33.39	7.93	7.91	5.1	3.414	90.4
830	6/24/2012 2:45:50	11.66	51.26	33.55	7.95	7.90	4.3	3.456	90.4
831	6/24/2012 3:00:50	11.54	51.06	33.40	7.91	7.90	4.1	3.481	89.7
832	6/24/2012 3:15:50	11.46	51.30	33.57	7.78	7.89	4.0	3.495	88.1
833	6/24/2012 3:30:50	11.68	51.04	33.39	7.48	7.89	4.3	3.495	85.0
834	6/24/2012 3:45:50	11.58	51.29	33.57	7.27	7.83	4.2	3.462	82.6
835	6/24/2012 4:00:50	11.58	51.15	33.47	7.42	7.86	5.5	3.423	84.2
836	6/24/2012 4:15:50	12.12	50.79	33.24	7.41	7.88	5.4	3.358	85.0
837	6/24/2012 4:30:50	12.63	50.66	33.17	7.38	7.89	6.5	3.294	85.5
838	6/24/2012 4:45:50	12.85	50.97	33.40	7.42	7.90	6.5	3.201	86.4
839	6/24/2012 5:00:50	12.61	51.04	33.44	7.33	7.88	6.3	3.108	85.0
840	6/24/2012 5:15:50	13.09	50.77	33.26	7.43	7.91	6.7	3.015	86.9
841	6/24/2012 5:30:50	13.35	50.68	33.21	7.44	7.92	7.3	2.927	87.5
842	6/24/2012 5:45:50	13.58	50.69	33.22	7.38	7.92	7.8	2.823	87.2
843	6/24/2012 6:00:50	13.79	50.13	32.82	7.34	7.92	7.2	2.729	86.8
844	6/24/2012 6:15:50	14.05	50.55	33.14	7.14	7.91	7.9	2.625	85.1
845	6/24/2012 6:30:50	13.85	50.56	33.14	7.23	7.90	8.7	2.513	85.9
846	6/24/2012 6:45:50	14.09	50.55	33.14	7.43	7.93	15.6	2.400	88.7
847	6/24/2012 7:00:50	13.95	50.44	33.06	7.38	7.92	10.3	2.295	87.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	6/24/2012 7:15:50	13.83	50.54	33.12	7.34	7.91	9.3	2.179	87.1
849	6/24/2012 7:30:50	14.13	50.53	33.13	7.47	7.93	9.0	2.060	89.2
850	6/24/2012 7:45:50	14.38	50.14	32.85	7.53	7.95	10.4	1.950	90.2
851	6/24/2012 8:00:50	14.65	50.44	33.08	7.66	7.97	10.2	1.842	92.4
852	6/24/2012 8:15:50	14.89	50.45	33.09	7.75	7.99	9.5	1.731	93.9
853	6/24/2012 8:30:50	15.09	50.12	32.85	7.83	8.00	8.6	1.646	95.1
854	6/24/2012 8:45:50	15.30	50.25	32.95	7.78	8.01	8.7	1.569	95.0
855	6/24/2012 9:00:50	15.45	50.20	32.92	7.74	8.02	9.0	1.487	94.8
856	6/24/2012 9:15:50	15.54	50.24	32.95	7.79	8.02	9.0	1.456	95.6
857	6/24/2012 9:30:50	15.66	50.22	32.94	7.72	8.02	8.1	1.444	94.9
858	6/24/2012 9:45:50	15.52	50.13	32.87	7.68	8.01	8.0	1.426	94.1
859	6/24/2012 10:00:50	15.63	50.14	32.88	7.65	8.01	7.9	1.455	94.0
860	6/24/2012 10:15:50	15.56	50.16	32.89	7.53	8.00	8.9	1.499	92.4
861	6/24/2012 10:30:50	15.53	50.39	33.06	7.53	8.00	8.7	1.558	92.5
862	6/24/2012 10:45:50	15.50	50.12	32.86	7.53	8.00	9.2	1.610	92.3
863	6/24/2012 11:00:50	15.42	50.22	32.94	7.51	7.99	10.3	1.703	91.9
864	6/24/2012 11:15:50	15.44	49.95	32.73	7.56	7.99	9.7	1.772	92.5
865	6/24/2012 11:30:50	15.31	49.90	32.70	7.57	7.98	9.3	1.844	92.3
866	6/24/2012 11:45:50	15.20	49.96	32.74	7.52	7.98	10.1	1.937	91.5
867	6/24/2012 12:00:50	15.05	50.19	32.90	7.46	7.97	9.7	2.013	90.7
868	6/24/2012 12:15:50	15.00	50.15	32.87	7.46	7.97	8.7	2.095	90.5
869	6/24/2012 12:30:50	14.90	50.16	32.87	7.51	7.96	9.0	2.182	90.9
870	6/24/2012 12:45:50	14.78	50.26	32.95	7.52	7.96	9.6	2.278	90.9
871	6/24/2012 13:00:50	14.76	50.43	33.07	7.60	7.96	9.7	2.364	91.9
872	6/24/2012 13:15:50	14.79	50.45	33.09	7.69	7.97	10.1	2.456	93.0
873	6/24/2012 13:30:50	14.80	50.55	33.16	7.75	7.97	10.1	2.547	93.8
874	6/24/2012 13:45:50	14.66	50.68	33.25	7.78	7.97	11.3	2.638	94.0
875	6/24/2012 14:00:50	14.56	50.09	32.82	7.86	7.96	11.4	2.728	94.4
876	6/24/2012 14:15:50	14.33	50.55	33.15	7.81	7.95	12.6	2.806	93.7
877	6/24/2012 14:30:50	14.00	50.57	33.15	7.88	7.94	13.9	2.894	93.8
878	6/24/2012 14:45:50	13.68	50.58	33.15	7.94	7.94	14.3	2.980	94.0
879	6/24/2012 15:00:50	13.50	50.80	33.30	7.96	7.94	13.2	3.055	93.9
880	6/24/2012 15:15:50	13.17	50.92	33.38	8.06	7.93	13.3	3.136	94.5
881	6/24/2012 15:30:50	12.83	50.75	33.24	8.27	7.94	10.0	3.203	96.3
882	6/24/2012 15:45:50	12.49	50.81	33.27	8.46	7.95	9.2	3.278	97.8
883	6/24/2012 16:00:50	12.30	51.01	33.40	8.62	7.96	7.5	3.336	99.3
884	6/24/2012 16:15:50	12.19	51.06	33.44	8.73	7.97	7.1	3.391	100.3
885	6/24/2012 16:30:50	12.18	51.03	33.42	8.75	7.97	4.9	3.416	100.5
886	6/24/2012 16:45:50	12.20	51.06	33.44	8.53	7.95	4.5	3.440	98.1
887	6/24/2012 17:00:50	12.49	51.02	33.42	8.20	7.93	4.3	3.450	94.9
888	6/24/2012 17:15:50	12.37	51.03	33.42	7.70	7.91	4.3	3.424	88.8
889	6/24/2012 17:30:50	12.30	50.97	33.38	8.24	7.94	4.8	3.382	94.9
890	6/24/2012 17:45:50	12.44	50.78	33.24	8.42	7.95	8.0	3.326	97.2
891	6/24/2012 18:00:50	13.27	50.77	33.28	8.42	7.96	8.4	3.249	98.9
892	6/24/2012 18:15:50	13.62	50.48	33.07	8.32	7.96	6.2	3.180	98.3
893	6/24/2012 18:30:50	13.85	50.70	33.24	8.43	7.98	6.9	3.095	100.2
894	6/24/2012 18:45:50	14.14	50.47	33.08	8.34	7.98	7.9	3.012	99.6
895	6/24/2012 19:00:50	14.41	50.55	33.15	8.35	8.00	6.2	2.939	100.3
896	6/24/2012 19:15:50	14.62	50.67	33.24	8.34	7.99	5.5	2.856	100.6
897	6/24/2012 19:30:50	14.68	50.63	33.22	8.55	8.01	5.9	2.776	103.2
898	6/24/2012 19:45:50	14.93	50.28	32.97	8.70	8.03	6.4	2.705	105.5
899	6/24/2012 20:00:50	15.11	50.48	33.12	8.69	8.04	5.7	2.641	105.8
900	6/24/2012 20:15:50	15.36	50.43	33.09	8.92	8.06	10.4	2.562	109.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
901	6/24/2012 20:30:50	15.57	50.51	33.15	9.43	8.11	8.1	2.493	115.9
902	6/24/2012 20:45:50	15.70	50.28	32.98	8.91	8.06	6.7	2.438	109.7
903	6/24/2012 21:00:50	15.83	50.32	33.02	9.29	8.10	5.9	2.374	114.7
904	6/24/2012 21:15:50	15.95	50.10	32.86	8.87	8.07	5.7	2.318	109.7
905	6/24/2012 21:30:50	16.07	50.35	33.04	8.70	8.07	5.9	2.275	107.9
906	6/24/2012 21:45:50	16.14	49.97	32.77	8.53	8.05	6.4	2.240	105.8
907	6/24/2012 22:00:50	16.21	50.27	32.99	8.66	8.06	6.5	2.226	107.7
908	6/24/2012 22:15:50	16.23	50.08	32.85	8.58	8.06	6.5	2.199	106.6
909	6/24/2012 22:30:50	16.20	50.12	32.88	8.53	8.05	9.3	2.214	106.0
910	6/24/2012 22:45:50	16.02	50.34	33.03	8.80	8.06	7.2	2.235	109.1
911	6/24/2012 23:00:50	15.97	50.25	32.97	8.76	8.06	7.2	2.259	108.3
912	6/24/2012 23:15:50	15.93	50.16	32.90	8.70	8.05	7.6	2.297	107.5
913	6/24/2012 23:30:50	15.85	50.45	33.11	8.62	8.05	7.9	2.350	106.5
914	6/24/2012 23:45:50	15.82	50.39	33.07	8.61	8.04	7.7	2.409	106.2
915	6/25/2012 0:00:50	15.86	50.41	33.08	8.60	8.04	8.3	2.468	106.2
916	6/25/2012 0:15:50	15.70	50.45	33.11	8.55	8.03	7.2	2.531	105.3
917	6/25/2012 0:30:50	15.55	50.51	33.15	8.54	8.03	7.6	2.584	104.9
918	6/25/2012 0:45:50	15.27	50.49	33.13	8.48	8.02	6.7	2.652	103.6
919	6/25/2012 1:00:50	15.07	50.48	33.11	8.43	8.01	6.5	2.709	102.5
920	6/25/2012 1:15:50	14.75	50.45	33.09	8.30	7.99	6.0	2.761	100.3
921	6/25/2012 1:30:50	14.42	50.41	33.05	8.25	7.98	5.8	2.827	99.0
922	6/25/2012 1:45:50	14.24	50.68	33.24	8.19	7.98	5.9	2.885	98.1
923	6/25/2012 2:00:50	14.07	50.70	33.25	8.23	7.98	5.3	2.938	98.2
924	6/25/2012 2:15:50	13.98	50.50	33.10	8.28	7.98	5.3	2.996	98.6
925	6/25/2012 2:30:50	13.73	50.67	33.22	8.34	7.98	5.4	3.053	98.8
926	6/25/2012 2:45:50	13.56	50.90	33.38	8.31	7.97	5.0	3.107	98.2
927	6/25/2012 3:00:50	13.36	50.96	33.41	8.33	7.97	5.0	3.165	98.1
928	6/25/2012 3:15:50	13.24	50.74	33.25	8.36	7.97	4.7	3.207	98.1
929	6/25/2012 3:30:50	13.14	50.92	33.37	8.30	7.96	4.4	3.245	97.3
930	6/25/2012 3:45:50	13.06	50.88	33.34	8.24	7.96	3.7	3.278	96.4
931	6/25/2012 4:00:50	12.92	50.97	33.41	8.18	7.96	3.5	3.304	95.4
932	6/25/2012 4:15:50	12.84	50.71	33.21	7.94	7.94	3.7	3.305	92.4
933	6/25/2012 4:30:50	13.00	50.49	33.06	7.83	7.94	3.6	3.289	91.3
934	6/25/2012 4:45:50	12.98	50.85	33.32	7.50	7.91	13.0	3.266	87.5
935	6/25/2012 5:00:50	13.00	50.86	33.32	7.84	7.94	12.8	3.224	91.6
936	6/25/2012 5:15:50	14.44	50.47	33.09	7.49	7.94	10.1	3.159	90.0
937	6/25/2012 5:30:50	13.56	50.66	33.20	7.96	7.95	4.9	3.086	94.0
938	6/25/2012 5:45:50	13.76	50.75	33.27	7.90	7.95	6.7	3.014	93.7
939	6/25/2012 6:00:50	13.99	50.53	33.12	7.70	7.94	5.6	2.932	91.6
940	6/25/2012 6:15:50	14.02	50.54	33.13	7.51	7.93	5.6	2.840	89.4
941	6/25/2012 6:30:50	14.22	50.63	33.20	7.39	7.93	5.2	2.752	88.5
942	6/25/2012 6:45:50	14.49	50.62	33.20	7.29	7.92	5.6	2.658	87.7
943	6/25/2012 7:00:50	14.13	50.69	33.24	7.25	7.90	10.4	2.556	86.6
944	6/25/2012 7:15:50	14.71	50.58	33.18	7.28	7.93	10.1	2.474	88.0
945	6/25/2012 7:30:50	15.08	50.34	33.01	7.40	7.96	13.0	2.358	90.0
946	6/25/2012 7:45:50	14.92	50.14	32.86	7.37	7.94	8.9	2.263	89.3
947	6/25/2012 8:00:50	15.35	50.09	32.83	7.51	7.96	7.7	2.174	91.7
948	6/25/2012 8:15:50	15.35	50.15	32.88	7.58	7.97	7.8	2.063	92.7
949	6/25/2012 8:30:50	15.43	50.34	33.02	7.67	7.98	6.7	1.966	93.9
950	6/25/2012 8:45:50	15.56	50.31	33.00	7.78	7.99	7.1	1.867	95.5
951	6/25/2012 9:00:50	15.66	50.23	32.94	7.80	8.00	8.2	1.788	95.9
952	6/25/2012 9:15:50	15.74	50.07	32.83	7.77	8.00	6.7	1.711	95.6
953	6/25/2012 9:30:50	15.82	49.93	32.73	7.87	8.01	6.6	1.643	97.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
954	6/25/2012 9:45:50	15.90	50.20	32.93	7.61	7.99	6.4	1.598	94.0
955	6/25/2012 10:00:50	15.96	49.85	32.68	7.67	8.00	6.5	1.567	94.7
956	6/25/2012 10:15:50	15.97	50.10	32.86	7.27	7.97	5.7	1.562	89.9
957	6/25/2012 10:30:50	15.93	49.88	32.69	7.80	8.00	5.8	1.552	96.2
958	6/25/2012 10:45:50	15.91	50.10	32.85	7.80	8.01	6.4	1.584	96.3
959	6/25/2012 11:00:50	15.86	49.83	32.65	7.78	8.00	6.3	1.635	95.9
960	6/25/2012 11:15:50	15.81	50.22	32.94	7.77	8.00	6.4	1.662	95.9
961	6/25/2012 11:30:50	15.78	50.22	32.94	7.76	8.00	6.5	1.748	95.7
962	6/25/2012 11:45:50	15.78	49.84	32.66	7.78	8.00	6.9	1.814	95.7
963	6/25/2012 12:00:50	15.75	49.64	32.52	7.75	7.99	7.0	1.877	95.2
964	6/25/2012 12:15:50	15.76	49.77	32.61	7.70	7.99	6.7	1.954	94.7
965	6/25/2012 12:30:50	15.68	49.77	32.61	7.64	7.98	6.4	2.027	93.8
966	6/25/2012 12:45:50	15.64	50.08	32.84	7.65	7.98	6.9	2.109	94.0
967	6/25/2012 13:00:50	15.53	49.97	32.75	7.65	7.98	6.7	2.179	93.7
968	6/25/2012 13:15:50	15.35	50.23	32.94	7.64	7.97	7.2	2.264	93.3
969	6/25/2012 13:30:50	15.08	50.34	33.02	7.69	7.97	7.2	2.347	93.5
970	6/25/2012 13:45:50	15.06	50.29	32.98	7.76	7.97	7.5	2.434	94.3
971	6/25/2012 14:00:50	14.99	50.54	33.16	7.81	7.98	7.8	2.525	94.9
972	6/25/2012 14:15:50	14.90	50.30	32.98	7.85	7.98	7.6	2.607	95.2
973	6/25/2012 14:30:50	14.79	50.56	33.17	7.90	7.98	8.3	2.699	95.6
974	6/25/2012 14:45:50	14.56	50.67	33.24	7.93	7.97	8.8	2.786	95.5
975	6/25/2012 15:00:50	14.40	50.40	33.04	7.96	7.97	9.9	2.863	95.5
976	6/25/2012 15:15:50	14.09	50.51	33.11	8.06	7.97	9.8	2.941	96.1
977	6/25/2012 15:30:50	13.78	50.76	33.28	8.12	7.96	9.4	3.032	96.4
978	6/25/2012 15:45:50	13.55	50.62	33.17	8.20	7.96	8.9	3.106	96.8
979	6/25/2012 16:00:50	13.28	50.91	33.37	8.35	7.97	7.8	3.182	98.1
980	6/25/2012 16:15:50	12.91	50.90	33.35	8.62	7.99	8.3	3.261	100.5
981	6/25/2012 16:30:50	12.74	50.82	33.29	8.78	8.00	6.8	3.327	102.0
982	6/25/2012 16:45:50	12.61	50.73	33.21	8.90	8.01	6.1	3.381	103.0
983	6/25/2012 17:00:50	12.55	50.76	33.24	8.91	8.01	4.9	3.428	103.1
984	6/25/2012 17:15:50	12.40	50.87	33.31	9.05	8.02	4.6	3.473	104.5
985	6/25/2012 17:30:50	12.41	50.90	33.33	8.95	8.01	3.7	3.481	103.3
986	6/25/2012 17:45:50	12.54	50.92	33.35	8.57	7.99	4.5	3.472	99.1
987	6/25/2012 18:00:50	12.59	50.84	33.30	8.53	7.99	3.5	3.462	98.8
988	6/25/2012 18:15:50	12.57	50.91	33.34	8.62	7.99	4.0	3.432	99.8
989	6/25/2012 18:30:50	12.72	50.88	33.33	8.58	7.99	4.9	3.370	99.6
990	6/25/2012 18:45:50	12.78	51.00	33.42	8.71	8.00	5.2	3.301	101.3
991	6/25/2012 19:00:50	13.03	50.78	33.27	8.62	7.99	5.3	3.228	100.7
992	6/25/2012 19:15:50	13.70	50.77	33.28	8.68	8.01	7.3	3.147	102.9
993	6/25/2012 19:30:50	14.11	50.58	33.16	9.13	8.06	7.8	3.059	109.0
994	6/25/2012 19:45:50	14.29	50.41	33.05	8.96	8.05	7.9	2.974	107.2
995	6/25/2012 20:00:50	14.29	50.39	33.03	8.78	8.03	8.0	2.885	105.1
996	6/25/2012 20:15:50	14.58	50.41	33.05	9.36	8.11	7.0	2.803	112.7
997	6/25/2012 20:30:50	14.52	50.64	33.21	8.92	8.06	7.2	2.721	107.4
998	6/25/2012 20:45:50	14.64	50.13	32.84	8.90	8.05	6.8	2.657	107.2
999	6/25/2012 21:00:50	14.63	50.50	33.12	8.75	8.05	5.9	2.573	105.5
1000	6/25/2012 21:15:50	14.82	50.63	33.22	8.87	8.06	7.1	2.482	107.4
1001	6/25/2012 21:30:50	14.92	50.34	33.01	8.99	8.08	6.5	2.422	109.0
1002	6/25/2012 21:45:50	15.22	50.26	32.96	8.58	8.05	6.2	2.356	104.6
1003	6/25/2012 22:00:50	15.24	50.43	33.08	8.77	8.07	6.1	2.286	107.0
1004	6/25/2012 22:15:50	15.48	50.26	32.96	8.63	8.06	5.9	2.223	105.7
1005	6/25/2012 22:30:50	15.51	50.27	32.97	8.37	8.04	5.5	2.182	102.6
1006	6/25/2012 22:45:50	15.54	49.97	32.76	8.34	8.05	5.5	2.141	102.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1007	6/25/2012 23:00:50	15.61	50.36	33.04	7.99	8.03	4.9	2.110	98.3
1008	6/25/2012 23:15:50	15.64	50.28	32.98	7.91	8.02	4.8	2.094	97.2
1009	6/25/2012 23:30:50	15.61	50.34	33.02	7.52	8.01	5.7	2.086	92.4
1010	6/25/2012 23:45:50	15.59	50.28	32.98	8.34	8.04	5.9	2.120	102.4
1011	6/26/2012 0:00:50	15.50	50.11	32.86	8.38	8.04	6.8	2.128	102.7
1012	6/26/2012 0:15:50	15.41	50.35	33.03	8.31	8.03	6.8	2.169	101.8
1013	6/26/2012 0:30:50	15.35	50.08	32.83	8.35	8.03	7.8	2.228	102.0
1014	6/26/2012 0:45:50	15.30	50.25	32.95	8.26	8.02	7.6	2.286	100.8
1015	6/26/2012 1:00:50	15.23	50.16	32.88	8.35	8.03	7.5	2.344	101.7
1016	6/26/2012 1:15:50	15.14	50.49	33.12	8.33	8.02	6.8	2.405	101.4
1017	6/26/2012 1:30:50	15.06	50.48	33.12	8.27	8.01	6.5	2.470	100.6
1018	6/26/2012 1:45:50	14.98	50.26	32.95	8.29	8.01	6.5	2.524	100.6
1019	6/26/2012 2:00:50	14.87	50.43	33.07	8.32	8.01	5.7	2.582	100.7
1020	6/26/2012 2:15:50	14.69	50.52	33.14	8.29	8.01	5.7	2.646	100.2
1021	6/26/2012 2:30:50	14.57	50.60	33.19	8.19	8.00	5.6	2.694	98.7
1022	6/26/2012 2:45:50	14.53	50.54	33.14	8.14	7.99	5.4	2.747	98.0
1023	6/26/2012 3:00:50	14.41	50.68	33.25	8.10	7.98	6.5	2.800	97.3
1024	6/26/2012 3:15:50	14.28	50.74	33.28	8.12	7.98	5.4	2.859	97.4
1025	6/26/2012 3:30:50	14.17	50.58	33.17	8.14	7.98	5.5	2.896	97.3
1026	6/26/2012 3:45:50	14.13	50.61	33.18	8.13	7.98	5.7	2.938	97.1
1027	6/26/2012 4:00:50	14.00	50.31	32.96	8.16	7.98	5.1	2.994	97.1
1028	6/26/2012 4:15:50	13.83	50.74	33.27	8.15	7.98	5.3	3.029	96.8
1029	6/26/2012 4:30:50	13.66	50.57	33.14	8.18	7.98	4.7	3.061	96.8
1030	6/26/2012 4:45:50	13.61	50.84	33.33	8.16	7.97	5.0	3.086	96.5
1031	6/26/2012 5:00:50	13.54	50.82	33.32	8.10	7.97	3.7	3.110	95.7
1032	6/26/2012 5:15:50	13.48	50.87	33.35	7.94	7.95	4.3	3.128	93.7
1033	6/26/2012 5:30:50	13.65	50.46	33.06	7.71	7.95	4.2	3.107	91.1
1034	6/26/2012 5:45:50	13.61	50.82	33.32	7.61	7.94	3.7	3.080	90.1
1035	6/26/2012 6:00:50	13.58	50.74	33.26	7.79	7.95	4.1	3.065	92.0
1036	6/26/2012 6:15:50	13.77	50.61	33.18	7.82	7.95	3.7	3.009	92.7
1037	6/26/2012 6:30:50	14.00	50.38	33.01	7.75	7.96	4.8	2.941	92.2
1038	6/26/2012 6:45:50	14.03	50.48	33.09	7.79	7.96	5.3	2.863	92.9
1039	6/26/2012 7:00:50	14.18	50.50	33.11	7.71	7.96	5.6	2.784	92.2
1040	6/26/2012 7:15:50	14.30	50.26	32.93	7.59	7.95	5.0	2.727	90.9
1041	6/26/2012 7:30:50	14.28	50.50	33.11	7.31	7.92	5.6	2.635	87.5
1042	6/26/2012 7:45:50	14.16	50.53	33.13	7.15	7.90	5.3	2.546	85.4
1043	6/26/2012 8:00:50	14.34	50.52	33.13	7.40	7.93	5.3	2.462	88.7
1044	6/26/2012 8:15:50	14.61	50.38	33.03	7.61	7.95	6.1	2.384	91.7
1045	6/26/2012 8:30:50	14.91	50.27	32.96	7.88	7.98	6.1	2.302	95.4
1046	6/26/2012 8:45:50	14.98	50.35	33.02	8.14	8.00	5.9	2.193	98.8
1047	6/26/2012 9:00:50	15.19	50.13	32.87	8.44	8.03	5.9	2.112	102.8
1048	6/26/2012 9:15:50	15.31	50.27	32.97	8.62	8.05	5.2	2.032	105.3
1049	6/26/2012 9:30:50	15.46	50.21	32.93	8.94	8.07	5.3	1.962	109.5
1050	6/26/2012 9:45:50	15.55	50.01	32.78	9.05	8.08	4.9	1.889	111.0
1051	6/26/2012 10:00:50	15.69	50.17	32.90	9.25	8.10	4.9	1.807	113.8
1052	6/26/2012 10:15:50	15.75	50.10	32.85	9.07	8.09	4.6	1.787	111.7
1053	6/26/2012 10:30:50	15.77	49.99	32.77	9.04	8.08	5.3	1.744	111.3
1054	6/26/2012 10:45:50	15.83	50.01	32.78	8.43	8.05	4.8	1.709	103.9
1055	6/26/2012 11:00:50	15.63	50.19	32.92	8.41	8.04	5.7	1.713	103.4
1056	6/26/2012 11:15:50	15.55	50.18	32.91	8.03	8.01	5.7	1.722	98.5
1057	6/26/2012 11:30:50	15.51	49.92	32.71	8.36	8.03	6.2	1.746	102.3
1058	6/26/2012 11:45:50	15.67	50.13	32.87	8.19	8.02	6.2	1.771	100.7
1059	6/26/2012 12:00:50	15.72	50.08	32.83	8.16	8.02	5.6	1.825	100.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	6/26/2012 12:15:50	15.69	50.03	32.80	8.14	8.01	5.7	1.870	100.1
1061	6/26/2012 12:30:50	15.62	50.19	32.91	8.01	8.01	5.5	1.930	98.4
1062	6/26/2012 12:45:50	15.79	50.15	32.89	7.99	8.00	6.1	1.998	98.5
1063	6/26/2012 13:00:50	15.65	50.08	32.83	7.92	8.00	5.6	2.066	97.3
1064	6/26/2012 13:15:50	15.55	50.19	32.91	7.82	7.99	5.7	2.138	96.0
1065	6/26/2012 13:30:50	15.55	50.00	32.77	7.84	7.99	5.7	2.211	96.1
1066	6/26/2012 13:45:50	15.24	50.10	32.84	7.81	7.98	6.5	2.294	95.2
1067	6/26/2012 14:00:50	15.09	50.26	32.95	7.78	7.98	6.4	2.372	94.6
1068	6/26/2012 14:15:50	15.04	50.42	33.07	7.78	7.97	6.6	2.453	94.5
1069	6/26/2012 14:30:50	15.08	50.33	33.00	7.84	7.98	6.8	2.528	95.3
1070	6/26/2012 14:45:50	15.05	50.52	33.15	7.90	7.98	6.8	2.625	96.1
1071	6/26/2012 15:00:50	14.95	50.43	33.08	7.92	7.98	7.0	2.704	96.1
1072	6/26/2012 15:15:50	14.88	50.43	33.08	7.91	7.98	7.5	2.773	95.9
1073	6/26/2012 15:30:50	14.76	50.62	33.21	7.89	7.97	6.8	2.859	95.4
1074	6/26/2012 15:45:50	14.80	50.50	33.13	7.97	7.97	7.5	2.944	96.5
1075	6/26/2012 16:00:50	14.39	50.56	33.16	7.99	7.97	7.9	3.028	96.0
1076	6/26/2012 16:15:50	14.14	50.60	33.18	8.26	7.97	8.9	3.100	98.7
1077	6/26/2012 16:30:50	14.03	50.34	32.98	8.33	7.98	8.7	3.174	99.2
1078	6/26/2012 16:45:50	13.47	50.81	33.31	8.66	8.00	8.6	3.262	102.2
1079	6/26/2012 17:00:50	13.02	50.88	33.34	9.05	8.02	8.1	3.324	105.7
1080	6/26/2012 17:15:50	12.86	51.06	33.47	9.17	8.02	6.2	3.390	106.9
1081	6/26/2012 17:30:50	12.62	51.01	33.42	9.59	8.05	5.8	3.452	111.2
1082	6/26/2012 17:45:50	12.55	51.15	33.52	9.78	8.07	4.9	3.489	113.3
1083	6/26/2012 18:00:50	12.45	50.94	33.36	10.10	8.09	5.3	3.529	116.7
1084	6/26/2012 18:15:50	12.46	50.93	33.35	10.05	8.08	4.2	3.542	116.1
1085	6/26/2012 18:30:50	12.59	51.01	33.42	9.57	8.05	3.6	3.542	110.9
1086	6/26/2012 18:45:50	12.51	51.03	33.43	9.63	8.06	3.4	3.515	111.5
1087	6/26/2012 19:00:50	12.59	51.05	33.45	9.65	8.06	4.7	3.473	111.8
1088	6/26/2012 19:15:50	13.44	50.90	33.37	9.42	8.06	9.7	3.419	111.1
1089	6/26/2012 19:30:50	13.74	50.77	33.29	8.97	8.03	8.3	3.330	106.4
1090	6/26/2012 19:45:50	13.97	50.51	33.11	8.82	8.02	7.7	3.251	105.0
1091	6/26/2012 20:00:50	14.69	50.25	32.94	9.05	8.07	7.8	3.170	109.1
1092	6/26/2012 20:15:50	14.71	50.60	33.19	8.89	8.04	7.2	3.081	107.5
1093	6/26/2012 20:30:50	14.69	50.62	33.21	9.03	8.06	8.3	2.984	109.1
1094	6/26/2012 20:45:50	14.97	50.65	33.23	8.79	8.04	7.9	2.901	106.8
1095	6/26/2012 21:00:50	14.96	50.45	33.09	9.15	8.07	7.0	2.820	111.0
1096	6/26/2012 21:15:50	14.92	50.63	33.22	9.21	8.09	6.2	2.731	111.7
1097	6/26/2012 21:30:50	15.18	50.60	33.20	8.90	8.07	8.1	2.650	108.6
1098	6/26/2012 21:45:50	15.37	50.41	33.07	8.71	8.06	8.7	2.560	106.6
1099	6/26/2012 22:00:50	15.34	50.38	33.05	8.54	8.05	7.9	2.475	104.5
1100	6/26/2012 22:15:50	15.40	50.44	33.09	8.49	8.05	9.9	2.389	104.0
1101	6/26/2012 22:30:50	15.69	50.22	32.94	8.53	8.06	8.4	2.303	104.9
1102	6/26/2012 22:45:50	15.65	50.24	32.96	8.43	8.05	8.4	2.226	103.7
1103	6/26/2012 23:00:50	16.05	50.12	32.87	8.34	8.05	8.8	2.134	103.4
1104	6/26/2012 23:15:50	16.21	50.26	32.97	8.28	8.05	7.8	2.079	102.9
1105	6/26/2012 23:30:50	16.54	50.10	32.86	8.14	8.05	7.1	2.011	101.8
1106	6/26/2012 23:45:50	16.65	50.01	32.80	8.09	8.05	6.8	1.956	101.4
1107	6/27/2012 0:00:50	16.78	49.96	32.77	7.67	8.04	5.3	1.940	96.3
1108	6/27/2012 0:15:50	16.86	49.93	32.74	7.39	7.98	5.7	1.892	92.9
1109	6/27/2012 0:30:50	16.90	50.16	32.91	7.66	8.05	6.7	1.899	96.5
1110	6/27/2012 0:45:50	16.90	50.04	32.83	8.27	8.08	7.5	1.906	104.2
1111	6/27/2012 1:00:50	16.73	49.90	32.72	8.34	8.08	7.3	1.932	104.5
1112	6/27/2012 1:15:50	16.64	50.18	32.93	8.26	8.07	7.9	1.965	103.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1113	6/27/2012 1:30:50	16.59	50.10	32.86	8.35	8.07	8.4	2.014	104.6
1114	6/27/2012 1:45:50	16.53	50.19	32.93	8.25	8.06	8.2	2.074	103.2
1115	6/27/2012 2:00:50	16.66	50.01	32.80	8.28	8.06	8.4	2.137	103.7
1116	6/27/2012 2:15:50	16.65	50.01	32.80	8.26	8.06	8.1	2.202	103.4
1117	6/27/2012 2:30:50	16.63	49.88	32.71	8.26	8.06	7.8	2.250	103.3
1118	6/27/2012 2:45:50	16.48	50.02	32.80	8.29	8.06	7.9	2.333	103.5
1119	6/27/2012 3:00:50	16.29	50.14	32.89	8.31	8.05	8.1	2.384	103.4
1120	6/27/2012 3:15:50	15.97	50.15	32.89	8.24	8.03	8.2	2.439	101.9
1121	6/27/2012 3:30:50	15.86	50.22	32.94	8.21	8.03	7.2	2.498	101.4
1122	6/27/2012 3:45:50	15.53	50.23	32.94	8.11	8.01	10.3	2.552	99.5
1123	6/27/2012 4:00:50	15.38	50.45	33.10	8.16	8.01	6.2	2.614	99.8
1124	6/27/2012 4:15:50	15.18	50.37	33.03	8.24	8.02	5.5	2.657	100.5
1125	6/27/2012 4:30:50	15.07	50.61	33.21	8.25	8.01	5.0	2.708	100.5
1126	6/27/2012 4:45:50	15.04	50.50	33.13	8.24	8.01	5.7	2.759	100.2
1127	6/27/2012 5:00:50	14.98	50.49	33.12	8.28	8.01	5.4	2.816	100.5
1128	6/27/2012 5:15:50	14.90	50.62	33.22	8.27	8.01	5.3	2.855	100.3
1129	6/27/2012 5:30:50	14.69	50.51	33.13	8.32	8.01	5.0	2.892	100.5
1130	6/27/2012 5:45:50	14.56	50.58	33.17	8.35	8.01	5.1	2.948	100.5
1131	6/27/2012 6:00:50	14.46	50.65	33.23	8.32	8.01	139.7	2.964	100.1
1132	6/27/2012 6:15:50	14.44	50.55	33.15	8.21	8.00	4.3	2.981	98.6
1133	6/27/2012 6:30:50	14.35	50.66	33.23	8.10	7.99	4.2	3.011	97.2
1134	6/27/2012 6:45:50	14.43	50.49	33.10	7.72	7.97	4.2	2.997	92.8
1135	6/27/2012 7:00:50	14.49	50.65	33.22	7.57	7.95	3.9	2.990	91.0
1136	6/27/2012 7:15:50	14.32	50.36	33.01	7.67	7.97	4.0	2.952	91.9
1137	6/27/2012 7:30:50	14.82	50.33	33.00	7.77	7.98	4.5	2.898	94.0
1138	6/27/2012 7:45:50	14.86	50.47	33.10	7.58	7.96	4.5	2.862	91.9
1139	6/27/2012 8:00:50	14.81	50.42	33.06	7.72	7.97	5.3	2.784	93.4
1140	6/27/2012 8:15:50	15.02	50.12	32.85	7.70	7.97	6.1	2.705	93.4
1141	6/27/2012 8:30:50	15.09	50.16	32.88	7.68	7.98	5.8	2.643	93.3
1142	6/27/2012 8:45:50	15.16	50.47	33.11	7.58	7.97	6.0	2.568	92.4
1143	6/27/2012 9:00:50	15.11	50.22	32.93	7.44	7.96	7.5	2.488	90.5
1144	6/27/2012 9:15:50	15.16	50.51	33.14	7.46	7.96	6.5	2.412	90.9
1145	6/27/2012 9:30:50	15.25	50.25	32.95	7.58	7.97	6.0	2.340	92.4
1146	6/27/2012 9:45:50	15.52	50.22	32.93	7.73	7.99	6.7	2.278	94.7
1147	6/27/2012 10:00:50	15.59	50.01	32.79	7.97	8.01	5.8	2.201	97.8
1148	6/27/2012 10:15:50	15.76	50.27	32.98	8.22	8.03	15.3	2.131	101.3
1149	6/27/2012 10:30:50	15.97	50.23	32.95	8.29	8.05	5.8	2.074	102.6
1150	6/27/2012 10:45:50	16.24	50.16	32.90	7.95	8.04	8.3	2.034	98.8
1151	6/27/2012 11:00:50	16.32	50.02	32.81	7.88	8.04	5.7	1.981	98.0
1152	6/27/2012 11:15:50	16.36	50.03	32.81	7.89	8.04	5.8	1.934	98.3
1153	6/27/2012 11:30:50	16.41	50.01	32.80	8.16	8.04	4.9	1.923	101.8
1154	6/27/2012 11:45:50	16.46	50.10	32.86	8.07	8.05	5.6	1.896	100.8
1155	6/27/2012 12:00:50	16.34	50.12	32.88	8.27	8.06	5.5	1.897	103.1
1156	6/27/2012 12:15:50	16.36	50.10	32.86	8.21	8.06	6.0	1.912	102.2
1157	6/27/2012 12:30:50	16.33	50.12	32.88	8.07	8.05	5.9	1.929	100.5
1158	6/27/2012 12:45:50	16.30	50.14	32.89	8.03	8.04	6.1	1.967	99.9
1159	6/27/2012 13:00:50	16.32	49.96	32.76	7.97	8.04	6.2	2.015	99.2
1160	6/27/2012 13:15:50	16.27	50.15	32.89	7.93	8.03	6.7	2.067	98.7
1161	6/27/2012 13:30:50	16.20	50.12	32.88	7.83	8.02	6.1	2.131	97.2
1162	6/27/2012 13:45:50	16.31	50.10	32.86	7.85	8.02	6.5	2.193	97.7
1163	6/27/2012 14:00:50	16.13	50.06	32.83	7.75	8.01	6.2	2.264	96.2
1164	6/27/2012 14:15:50	16.01	50.13	32.88	7.74	8.00	6.2	2.333	95.8
1165	6/27/2012 14:30:50	15.73	50.25	32.96	7.78	8.00	6.5	2.405	95.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	6/27/2012 14:45:50	15.61	50.38	33.05	7.79	7.99	5.9	2.479	95.8
1167	6/27/2012 15:00:50	15.40	50.32	33.00	7.87	7.99	6.8	2.563	96.3
1168	6/27/2012 15:15:50	15.40	50.36	33.03	7.97	8.00	7.6	2.637	97.6
1169	6/27/2012 15:30:50	15.22	50.47	33.11	8.03	8.00	7.4	2.704	97.9
1170	6/27/2012 15:45:50	15.17	50.36	33.03	8.03	8.00	6.6	2.793	97.9
1171	6/27/2012 16:00:50	15.06	50.59	33.20	8.10	8.00	7.0	2.871	98.5
1172	6/27/2012 16:15:50	14.94	50.30	32.98	8.20	8.00	7.8	2.944	99.5
1173	6/27/2012 16:30:50	14.88	50.50	33.13	8.36	8.00	7.5	3.023	101.3
1174	6/27/2012 16:45:50	14.37	50.65	33.22	8.62	8.01	9.3	3.114	103.5
1175	6/27/2012 17:00:50	14.09	50.71	33.26	8.81	8.02	7.9	3.193	105.2
1176	6/27/2012 17:15:50	13.94	50.86	33.36	8.94	8.03	7.7	3.270	106.4
1177	6/27/2012 17:30:50	13.53	50.75	33.27	9.24	8.04	8.7	3.347	109.1
1178	6/27/2012 17:45:50	13.03	50.89	33.35	9.75	8.07	6.7	3.416	113.9
1179	6/27/2012 18:00:50	12.79	51.01	33.43	9.98	8.08	5.6	3.486	116.1
1180	6/27/2012 18:15:50	12.65	51.00	33.41	10.14	8.09	5.4	3.536	117.7
1181	6/27/2012 18:30:50	12.57	50.99	33.41	10.30	8.10	4.2	3.579	119.3
1182	6/27/2012 18:45:50	12.52	51.05	33.44	10.36	8.10	4.5	3.606	119.9
1183	6/27/2012 19:00:50	12.63	51.05	33.45	10.08	8.08	3.8	3.627	116.9
1184	6/27/2012 19:15:50	12.73	50.96	33.39	9.50	8.05	3.4	3.625	110.4
1185	6/27/2012 19:30:50	12.67	51.12	33.50	9.51	8.05	3.7	3.596	110.4
1186	6/27/2012 19:45:50	12.63	51.18	33.54	9.72	8.06	4.4	3.550	112.9
1187	6/27/2012 20:00:50	13.81	50.86	33.35	9.56	8.07	6.7	3.493	113.6
1188	6/27/2012 20:15:50	13.83	50.52	33.11	9.24	8.05	6.8	3.428	109.7
1189	6/27/2012 20:30:50	14.40	50.67	33.23	9.15	8.06	6.8	3.336	109.9
1190	6/27/2012 20:45:50	14.59	50.57	33.17	9.11	8.06	7.0	3.241	109.8
1191	6/27/2012 21:00:50	14.80	50.34	33.00	9.15	8.06	8.2	3.159	110.6
1192	6/27/2012 21:15:50	15.05	50.47	33.11	8.95	8.05	7.6	3.078	108.9
1193	6/27/2012 21:30:50	15.13	50.52	33.15	8.78	8.04	11.9	2.969	106.9
1194	6/27/2012 21:45:50	15.23	50.53	33.16	8.75	8.05	6.7	2.875	106.8
1195	6/27/2012 22:00:50	15.74	50.20	32.92	8.69	8.05	10.3	2.782	107.0
1196	6/27/2012 22:15:50	15.91	50.44	33.10	8.62	8.05	6.2	2.701	106.6
1197	6/27/2012 22:30:50	16.14	50.34	33.04	8.77	8.08	6.9	2.593	108.9
1198	6/27/2012 22:45:50	16.36	50.14	32.89	8.47	8.05	7.5	2.485	105.5
1199	6/27/2012 23:00:50	16.42	50.26	32.98	8.71	8.08	8.4	2.403	108.8
1200	6/27/2012 23:15:50	16.44	50.18	32.92	8.74	8.08	6.6	2.307	109.1
1201	6/27/2012 23:30:50	16.55	50.25	32.98	8.57	8.07	6.1	2.199	107.2
1202	6/27/2012 23:45:50	16.86	50.30	33.02	8.49	8.07	6.4	2.097	107.0
1203	6/28/2012 0:00:50	17.12	50.01	32.80	8.40	8.07	6.1	2.024	106.2
1204	6/28/2012 0:15:50	17.43	50.15	32.91	8.40	8.08	6.1	1.934	106.9
1205	6/28/2012 0:30:50	17.67	50.03	32.83	8.33	8.08	6.0	1.851	106.4
1206	6/28/2012 0:45:50	17.70	50.13	32.90	8.25	8.07	6.2	1.789	105.6
1207	6/28/2012 1:00:50	17.82	50.11	32.89	8.13	8.06	7.9	1.750	104.3
1208	6/28/2012 1:15:50	17.85	50.04	32.83	8.08	8.06	6.1	1.701	103.6
1209	6/28/2012 1:30:50	17.94	50.16	32.92	8.13	8.07	6.4	1.696	104.5
1210	6/28/2012 1:45:50	17.77	50.12	32.90	8.33	8.08	11.3	1.715	106.7
1211	6/28/2012 2:00:50	17.69	50.18	32.93	8.30	8.07	5.9	1.729	106.2
1212	6/28/2012 2:15:50	17.62	50.14	32.91	8.30	8.07	5.9	1.760	106.0
1213	6/28/2012 2:30:50	17.55	50.10	32.88	8.30	8.07	6.1	1.805	105.9
1214	6/28/2012 2:45:50	17.50	50.06	32.85	8.33	8.07	6.4	1.874	106.1
1215	6/28/2012 3:00:50	17.58	49.96	32.77	8.24	8.06	7.5	1.929	105.0
1216	6/28/2012 3:15:50	17.49	49.99	32.79	8.21	8.06	6.6	1.992	104.5
1217	6/28/2012 3:30:50	17.43	49.99	32.79	8.17	8.06	6.2	2.057	103.9
1218	6/28/2012 3:45:50	17.35	49.83	32.68	8.17	8.05	6.9	2.131	103.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1219	6/28/2012 4:00:50	17.28	49.90	32.73	8.16	8.05	7.3	2.197	103.5
1220	6/28/2012 4:15:50	17.03	50.16	32.91	8.20	8.05	6.5	2.242	103.5
1221	6/28/2012 4:30:50	16.75	50.14	32.90	8.17	8.04	6.4	2.320	102.6
1222	6/28/2012 4:45:50	16.46	50.25	32.97	8.14	8.03	6.8	2.387	101.7
1223	6/28/2012 5:00:50	16.19	50.16	32.90	8.13	8.02	5.6	2.440	101.0
1224	6/28/2012 5:15:50	15.95	50.10	32.85	8.16	8.02	5.9	2.494	100.9
1225	6/28/2012 5:30:50	15.81	50.10	32.85	8.20	8.02	5.3	2.564	101.1
1226	6/28/2012 5:45:50	15.77	50.44	33.10	8.19	8.02	5.4	2.622	101.0
1227	6/28/2012 6:00:50	15.72	50.42	33.09	8.20	8.02	5.5	2.667	101.0
1228	6/28/2012 6:15:50	15.66	50.31	33.00	8.19	8.02	5.1	2.718	100.8
1229	6/28/2012 6:30:50	15.57	50.29	32.99	8.23	8.02	5.4	2.770	101.0
1230	6/28/2012 6:45:50	15.43	50.30	32.99	8.25	8.02	5.4	2.812	101.1
1231	6/28/2012 7:00:50	15.32	50.31	32.99	8.28	8.02	4.8	2.847	101.1
1232	6/28/2012 7:15:50	15.27	50.30	32.98	8.21	8.01	4.2	2.874	100.2
1233	6/28/2012 7:30:50	15.18	50.18	32.90	8.21	8.01	4.3	2.914	99.9
1234	6/28/2012 7:45:50	15.01	50.21	32.92	8.19	8.01	4.1	2.925	99.4
1235	6/28/2012 8:00:50	15.12	50.23	32.93	7.65	7.98	3.8	2.932	93.1
1236	6/28/2012 8:15:50	15.13	50.48	33.11	7.31	7.96	3.7	2.918	89.1
1237	6/28/2012 8:30:50	15.09	50.29	32.98	7.72	7.98	4.3	2.909	93.9
1238	6/28/2012 8:45:50	15.07	50.25	32.95	7.83	7.99	3.9	2.874	95.1
1239	6/28/2012 9:00:50	15.83	50.16	32.90	7.99	8.00	5.1	2.813	98.5
1240	6/28/2012 9:15:50	15.56	50.39	33.06	8.09	8.01	4.7	2.773	99.3
1241	6/28/2012 9:30:50	15.76	50.38	33.06	8.35	8.03	5.4	2.699	103.0
1242	6/28/2012 9:45:50	15.85	50.39	33.06	8.31	8.02	5.2	2.642	102.7
1243	6/28/2012 10:00:50	15.96	50.25	32.97	8.28	8.02	5.1	2.574	102.4
1244	6/28/2012 10:15:50	16.23	50.21	32.94	8.21	8.02	5.3	2.497	102.1
1245	6/28/2012 10:30:50	16.46	50.14	32.89	8.28	8.03	5.0	2.447	103.4
1246	6/28/2012 10:45:50	16.75	50.10	32.86	8.33	8.04	5.7	2.372	104.6
1247	6/28/2012 11:00:50	16.87	50.26	32.99	8.32	8.03	5.0	2.316	104.8
1248	6/28/2012 11:15:50	17.09	50.09	32.87	8.78	8.06	4.9	2.266	110.9
1249	6/28/2012 11:30:50	17.11	50.26	32.99	8.06	8.03	4.3	2.199	102.0
1250	6/28/2012 11:45:50	17.44	50.24	32.97	9.17	8.09	4.2	2.155	116.8
1251	6/28/2012 12:00:50	17.53	50.20	32.95	9.32	8.12	4.8	2.116	118.9
1252	6/28/2012 12:15:50	17.70	50.14	32.91	9.24	8.10	4.0	2.089	118.2
1253	6/28/2012 12:30:50	17.77	50.19	32.94	8.91	8.10	4.3	2.059	114.1
1254	6/28/2012 12:45:50	17.76	50.16	32.92	9.98	8.14	4.7	2.057	127.8
1255	6/28/2012 13:00:50	17.74	50.17	32.93	9.98	8.15	4.6	2.056	127.8
1256	6/28/2012 13:15:50	17.83	50.19	32.94	9.68	8.13	4.9	2.065	124.1
1257	6/28/2012 13:30:50	18.08	49.94	32.76	9.30	8.11	4.8	2.088	119.7
1258	6/28/2012 13:45:50	17.59	50.07	32.85	8.97	8.09	4.9	2.122	114.5
1259	6/28/2012 14:00:50	17.50	50.04	32.83	8.76	8.07	5.3	2.176	111.5
1260	6/28/2012 14:15:50	17.36	50.15	32.91	8.52	8.06	5.6	2.222	108.3
1261	6/28/2012 14:30:50	17.72	49.96	32.78	8.47	8.06	5.7	2.281	108.3
1262	6/28/2012 14:45:50	17.34	50.00	32.80	8.31	8.05	5.9	2.354	105.5
1263	6/28/2012 15:00:50	16.97	50.21	32.95	8.25	8.04	5.5	2.409	104.1
1264	6/28/2012 15:15:50	16.70	49.91	32.73	8.22	8.03	5.6	2.491	103.0
1265	6/28/2012 15:30:50	16.58	50.14	32.89	8.23	8.03	5.9	2.564	103.0
1266	6/28/2012 15:45:50	16.23	50.24	32.96	8.28	8.03	5.4	2.629	103.0
1267	6/28/2012 16:00:50	16.10	50.18	32.92	8.28	8.02	5.7	2.706	102.7
1268	6/28/2012 16:15:50	16.05	50.12	32.87	8.33	8.03	6.1	2.784	103.2
1269	6/28/2012 16:30:50	15.62	49.96	32.75	8.35	8.02	5.9	2.857	102.4
1270	6/28/2012 16:45:50	15.54	50.09	32.84	8.40	8.03	6.5	2.935	103.0
1271	6/28/2012 17:00:50	15.41	50.40	33.06	8.50	8.03	6.9	3.021	104.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1272	6/28/2012 17:15:50	15.11	50.41	33.07	8.89	8.05	8.5	3.099	108.2
1273	6/28/2012 17:30:50	14.82	50.57	33.18	9.08	8.06	8.9	3.182	110.0
1274	6/28/2012 17:45:50	14.66	50.56	33.16	9.29	8.07	8.2	3.261	112.1
1275	6/28/2012 18:00:50	14.42	50.57	33.16	9.62	8.08	7.9	3.346	115.5
1276	6/28/2012 18:15:50	13.98	50.71	33.25	10.15	8.11	7.0	3.435	121.0
1277	6/28/2012 18:30:50	13.68	50.55	33.13	10.58	8.13	6.2	3.506	125.2
1278	6/28/2012 18:45:50	13.32	50.67	33.20	11.02	8.16	6.0	3.573	129.5
1279	6/28/2012 19:00:50	13.12	50.81	33.29	11.43	8.18	5.3	3.648	133.8
1280	6/28/2012 19:15:50	12.94	50.81	33.29	11.97	8.21	5.3	3.694	139.6
1281	6/28/2012 19:30:50	12.86	51.01	33.43	12.11	8.22	4.5	3.729	141.1
1282	6/28/2012 19:45:50	12.83	50.71	33.21	12.11	8.22	4.1	3.759	140.9
1283	6/28/2012 20:00:50	13.01	50.63	33.16	11.63	8.19	3.9	3.768	135.7
1284	6/28/2012 20:15:50	12.98	51.05	33.46	11.21	8.16	3.5	3.753	131.0
1285	6/28/2012 20:30:50	12.84	51.10	33.49	11.61	8.18	3.7	3.714	135.4
1286	6/28/2012 20:45:50	13.37	50.32	32.95	11.66	8.19	5.7	3.653	136.9
1287	6/28/2012 21:00:50	14.33	50.37	33.01	9.71	8.09	6.2	3.586	116.3
1288	6/28/2012 21:15:50	14.09	50.55	33.14	9.88	8.10	5.3	3.504	117.9
1289	6/28/2012 21:30:50	14.63	50.20	32.90	9.56	8.08	6.4	3.411	115.2
1290	6/28/2012 21:45:50	14.86	50.43	33.08	9.46	8.08	6.1	3.305	114.6
1291	6/28/2012 22:00:50	14.95	50.41	33.06	9.26	8.07	6.2	3.212	112.4
1292	6/28/2012 22:15:50	15.11	50.57	33.18	9.12	8.06	8.4	3.105	111.0
1293	6/28/2012 22:30:50	15.40	50.24	32.95	8.84	8.05	8.0	3.018	108.2
1294	6/28/2012 22:45:50	15.82	50.24	32.95	8.70	8.05	7.9	2.889	107.3
1295	6/28/2012 23:00:50	16.10	50.09	32.85	8.59	8.06	5.9	2.775	106.4
1296	6/28/2012 23:15:50	16.35	50.26	32.98	8.52	8.05	7.3	2.681	106.2
1297	6/28/2012 23:30:50	16.71	50.39	33.08	8.54	8.07	8.7	2.562	107.2
1298	6/28/2012 23:45:50	16.49	50.21	32.94	8.57	8.07	8.4	2.443	107.1
1299	6/29/2012 0:00:50	17.06	50.36	33.06	8.54	8.08	8.2	2.342	108.0
1300	6/29/2012 0:15:50	17.52	50.32	33.03	8.67	8.10	8.9	2.215	110.6
1301	6/29/2012 0:30:50	17.58	50.21	32.96	8.56	8.09	6.8	2.100	109.3
1302	6/29/2012 0:45:50	17.99	50.19	32.95	8.57	8.09	6.7	1.987	110.3
1303	6/29/2012 1:00:50	18.14	50.15	32.91	8.47	8.09	6.4	1.863	109.2
1304	6/29/2012 1:15:50	18.37	50.17	32.93	8.39	8.06	6.2	1.755	108.7
1305	6/29/2012 1:30:50	18.49	49.69	32.58	8.31	8.08	6.5	1.688	107.6
1306	6/29/2012 1:45:50	18.70	49.70	32.58	8.23	8.07	6.1	1.617	107.0
1307	6/29/2012 2:00:50	18.80	49.95	32.77	8.14	8.07	6.1	1.535	106.3
1308	6/29/2012 2:15:50	18.89	50.04	32.84	8.22	8.07	6.7	1.514	107.5
1309	6/29/2012 2:30:50	19.02	49.69	32.58	8.25	8.06	7.2	1.493	107.9
1310	6/29/2012 2:45:49	18.75	49.71	32.60	8.38	8.08	5.7	1.504	109.2
1311	6/29/2012 3:00:50	18.57	50.07	32.86	8.33	8.08	5.8	1.509	108.3
1312	6/29/2012 3:15:50	18.50	50.09	32.87	8.36	8.08	6.5	1.572	108.6
1313	6/29/2012 3:30:50	18.46	50.06	32.85	8.44	8.09	6.1	1.620	109.4
1314	6/29/2012 3:45:50	18.41	49.96	32.78	8.42	8.08	6.2	1.682	109.0
1315	6/29/2012 4:00:50	18.46	49.65	32.55	8.30	8.08	7.4	1.759	107.5
1316	6/29/2012 4:15:50	18.39	49.60	32.51	8.25	8.07	6.5	1.814	106.6
1317	6/29/2012 4:30:50	18.32	49.96	32.78	8.24	8.07	6.6	1.895	106.5
1318	6/29/2012 4:45:50	18.25	49.93	32.76	8.18	8.07	6.7	1.957	105.6
1319	6/29/2012 5:00:50	18.17	49.92	32.75	8.22	8.07	6.6	2.031	106.0
1320	6/29/2012 5:15:50	18.06	50.00	32.81	8.20	8.06	7.6	2.097	105.5
1321	6/29/2012 5:30:50	17.72	49.95	32.77	8.21	8.05	6.4	2.164	105.0
1322	6/29/2012 5:45:50	17.66	50.03	32.83	8.17	8.05	6.1	2.244	104.4
1323	6/29/2012 6:00:50	17.16	50.15	32.91	8.16	8.04	5.7	2.304	103.3
1324	6/29/2012 6:15:50	16.93	50.16	32.91	8.22	8.04	5.9	2.387	103.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1325	6/29/2012 6:30:50	16.72	50.27	32.99	8.26	8.04	5.5	2.452	103.7
1326	6/29/2012 6:45:50	16.61	50.31	33.02	8.29	8.04	5.4	2.527	103.8
1327	6/29/2012 7:00:50	16.55	50.22	32.95	8.29	8.04	5.6	2.593	103.7
1328	6/29/2012 7:15:50	16.42	50.22	32.95	8.32	8.04	5.8	2.661	103.9
1329	6/29/2012 7:30:50	16.24	50.25	32.97	8.32	8.04	5.4	2.724	103.5
1330	6/29/2012 7:45:50	16.08	50.15	32.90	8.31	8.04	5.6	2.774	103.0
1331	6/29/2012 8:00:50	15.88	50.10	32.86	8.35	8.03	5.3	2.827	103.1
1332	6/29/2012 8:15:50	15.71	50.08	32.83	8.41	8.03	5.3	2.889	103.4
1333	6/29/2012 8:30:50	15.56	50.34	33.02	8.44	8.04	4.7	2.911	103.6
1334	6/29/2012 8:45:50	15.46	50.41	33.07	8.46	8.03	4.7	2.952	103.7
1335	6/29/2012 9:00:50	15.40	50.32	33.01	8.43	8.02	4.5	2.983	103.1
	Mean	14.82	50.58	33.17	7.84	7.98	9.16	2.57	95.01
	Minimum	10.55	49.24	32.24	5.91	7.80	3.40	1.15	67.00
	Maximum	19.02	51.76	33.88	12.11	8.23	139.70	3.77	141.10

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
0	6/29/2012 10:16:33	15.56	50.378	33.05	8.04	7.99	5.2	2.912	98.7
1	6/29/2012 10:31:32	15.99	50.343	33.03	8.06	8.01	5.0	2.849	99.8
2	6/29/2012 10:46:32	16.17	50.219	32.95	8.09	8.03	4.9	2.786	100.5
3	6/29/2012 11:01:32	16.41	50.339	33.04	8.15	8.02	4.5	2.735	101.8
4	6/29/2012 11:16:32	16.46	50.294	33.01	8.09	8.02	4.8	2.665	101.1
5	6/29/2012 11:31:32	16.62	50.281	33.00	8.01	8.03	4.7	2.604	100.4
6	6/29/2012 11:46:32	16.83	50.259	32.99	8.10	8.04	4.7	2.537	101.9
7	6/29/2012 12:01:32	17.03	50.256	32.99	7.93	8.04	4.8	2.484	100.2
8	6/29/2012 12:16:32	17.33	50.234	32.97	8.12	8.05	5.1	2.418	103.2
9	6/29/2012 12:31:32	17.68	50.231	32.97	8.42	8.07	4.7	2.368	107.6
10	6/29/2012 12:46:32	17.96	50.158	32.92	9.08	8.12	4.1	2.322	116.7
11	6/29/2012 13:01:32	18.06	50.146	32.91	8.57	8.08	4.0	2.272	110.4
12	6/29/2012 13:16:32	18.17	50.154	32.92	8.46	8.08	4.0	2.244	109.1
13	6/29/2012 13:31:32	18.23	50.157	32.92	7.88	8.06	3.9	2.208	101.8
14	6/29/2012 13:46:32	18.33	50.160	32.92	8.85	8.10	4.3	2.201	114.6
15	6/29/2012 14:01:32	18.13	50.195	32.95	9.46	8.13	4.2	2.206	122.0
16	6/29/2012 14:16:32	18.01	50.170	32.93	8.84	8.10	4.3	2.199	113.7
17	6/29/2012 14:31:32	18.18	50.164	32.93	9.02	8.11	4.7	2.227	116.5
18	6/29/2012 14:46:32	18.11	50.159	32.92	8.65	8.08	5.0	2.269	111.6
19	6/29/2012 15:01:32	18.11	50.175	32.93	8.45	8.06	5.1	2.307	109.0
20	6/29/2012 15:16:32	17.93	50.160	32.92	8.32	8.05	5.1	2.360	106.9
21	6/29/2012 15:31:32	18.01	50.130	32.90	8.35	8.05	6.3	2.427	107.4
22	6/29/2012 15:46:32	17.48	50.202	32.95	8.16	8.04	5.1	2.487	104.0
23	6/29/2012 16:01:32	17.27	50.222	32.96	8.16	8.04	4.8	2.543	103.5
24	6/29/2012 16:16:33	17.05	50.249	32.98	8.22	8.04	5.4	2.614	103.9
25	6/29/2012 16:31:32	16.72	50.283	33.00	8.25	8.03	5.2	2.684	103.5
26	6/29/2012 16:46:32	16.43	50.324	33.03	8.26	8.03	5.6	2.758	103.2
27	6/29/2012 17:01:33	16.01	50.390	33.07	8.35	8.03	5.7	2.824	103.4
28	6/29/2012 17:16:33	15.62	50.451	33.11	8.47	8.03	5.8	2.905	104.2
29	6/29/2012 17:31:32	15.48	50.478	33.12	8.55	8.04	5.7	2.986	104.8
30	6/29/2012 17:46:32	15.27	50.527	33.15	8.69	8.05	7.0	3.065	106.1
31	6/29/2012 18:01:32	15.21	50.552	33.17	9.06	8.07	9.2	3.147	110.5
32	6/29/2012 18:16:32	14.88	50.614	33.21	9.43	8.09	9.8	3.243	114.3
33	6/29/2012 18:31:32	14.58	50.667	33.24	9.89	8.12	8.9	3.327	119.2
34	6/29/2012 18:46:33	14.18	50.726	33.27	10.45	8.15	7.8	3.417	125.0
35	6/29/2012 19:01:33	13.86	50.757	33.28	11.01	8.19	7.5	3.505	130.9
36	6/29/2012 19:16:32	13.60	50.786	33.30	11.50	8.21	6.9	3.587	136.0
37	6/29/2012 19:31:32	13.33	50.808	33.30	12.05	8.24	7.0	3.665	141.8
38	6/29/2012 19:46:33	13.20	50.834	33.32	12.48	8.27	6.4	3.727	146.3
39	6/29/2012 20:01:33	13.04	50.854	33.32	12.92	8.29	5.7	3.797	151.0
40	6/29/2012 20:16:33	12.98	50.877	33.34	12.83	8.30	5.2	3.838	149.8
41	6/29/2012 20:31:33	12.91	50.878	33.34	12.87	8.30	3.9	3.864	150.0
42	6/29/2012 20:46:32	12.94	50.930	33.38	11.74	8.26	3.4	3.877	137.0
43	6/29/2012 21:01:32	13.10	50.888	33.35	12.06	8.25	3.1	3.875	141.2
44	6/29/2012 21:16:32	13.01	50.884	33.35	12.37	8.28	3.7	3.851	144.5
45	6/29/2012 21:31:33	13.02	50.849	33.32	12.59	8.28	4.7	3.800	147.2
46	6/29/2012 21:46:33	13.11	50.861	33.33	12.58	8.28	5.6	3.742	147.3
47	6/29/2012 22:01:33	14.27	50.914	33.41	10.79	8.20	6.8	3.666	129.4
48	6/29/2012 22:16:33	13.92	50.827	33.34	10.91	8.20	5.9	3.571	129.9
49	6/29/2012 22:31:33	14.97	50.564	33.17	9.88	8.16	7.5	3.475	120.0
50	6/29/2012 22:46:32	15.12	50.540	33.16	9.77	8.16	7.6	3.361	119.0
51	6/29/2012 23:01:32	14.97	50.652	33.24	9.78	8.15	8.1	3.254	118.8
52	6/29/2012 23:16:33	15.20	50.566	33.18	9.46	8.12	8.4	3.132	115.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
53	6/29/2012 23:31:32	15.32	50.591	33.20	9.13	8.12	14.6	3.006	111.6
54	6/29/2012 23:46:32	15.63	50.661	33.26	9.11	8.10	9.0	2.889	112.1
55	6/30/2012 0:01:33	16.02	50.524	33.17	8.99	8.10	8.9	2.758	111.5
56	6/30/2012 0:16:33	16.09	50.560	33.19	8.95	8.11	10.7	2.633	111.1
57	6/30/2012 0:31:33	16.91	50.332	33.04	8.72	8.10	8.1	2.506	110.0
58	6/30/2012 0:46:32	16.89	50.398	33.09	8.67	8.10	10.0	2.367	109.4
59	6/30/2012 1:01:32	17.28	50.373	33.07	8.55	8.10	8.2	2.254	108.6
60	6/30/2012 1:16:32	17.49	50.288	33.01	8.45	8.10	7.4	2.115	107.7
61	6/30/2012 1:31:32	18.12	50.195	32.95	8.23	8.10	8.2	1.981	106.1
62	6/30/2012 1:46:32	18.38	50.204	32.96	8.17	8.10	7.7	1.841	105.9
63	6/30/2012 2:01:32	18.67	50.180	32.94	8.08	8.10	7.6	1.715	105.3
64	6/30/2012 2:16:33	18.86	50.173	32.94	8.04	8.10	7.2	1.588	105.1
65	6/30/2012 2:31:32	19.27	50.133	32.91	7.93	8.10	7.3	1.482	104.5
66	6/30/2012 2:46:32	19.50	50.125	32.90	7.88	8.09	7.2	1.391	104.3
67	6/30/2012 3:01:32	19.74	50.117	32.89	7.68	8.08	6.4	1.302	102.1
68	6/30/2012 3:16:32	19.77	50.087	32.87	7.62	8.08	6.1	1.281	101.3
69	6/30/2012 3:31:32	19.61	50.111	32.89	7.49	8.08	5.6	1.266	99.3
70	6/30/2012 3:46:32	19.46	50.107	32.89	7.87	8.09	6.8	1.266	104.1
71	6/30/2012 4:01:32	19.40	50.107	32.89	7.93	8.09	7.0	1.324	104.7
72	6/30/2012 4:16:32	19.32	50.112	32.89	7.91	8.09	6.9	1.377	104.3
73	6/30/2012 4:31:32	19.25	50.113	32.89	7.93	8.09	6.7	1.433	104.4
74	6/30/2012 4:46:33	19.15	50.103	32.88	7.94	8.09	6.8	1.503	104.4
75	6/30/2012 5:01:33	19.16	49.895	32.73	7.83	8.08	7.9	1.585	102.9
76	6/30/2012 5:16:32	19.07	49.972	32.79	7.82	8.07	7.2	1.652	102.6
77	6/30/2012 5:31:32	19.00	49.937	32.76	7.76	8.07	7.8	1.722	101.6
78	6/30/2012 5:46:32	18.97	49.854	32.70	7.67	8.06	7.7	1.802	100.3
79	6/30/2012 6:01:32	18.89	49.855	32.70	7.79	8.06	7.0	1.866	101.8
80	6/30/2012 6:16:32	18.69	49.973	32.79	7.76	8.06	7.4	1.958	101.0
81	6/30/2012 6:31:33	18.43	50.048	32.84	7.89	8.06	7.0	2.040	102.3
82	6/30/2012 6:46:32	18.20	50.107	32.89	7.87	8.06	6.6	2.118	101.5
83	6/30/2012 7:01:33	17.79	50.176	32.93	7.98	8.06	6.4	2.205	102.3
84	6/30/2012 7:16:33	17.56	50.240	32.98	8.01	8.06	6.1	2.285	102.2
85	6/30/2012 7:31:32	17.36	50.286	33.01	8.09	8.06	6.5	2.376	102.8
86	6/30/2012 7:46:32	17.25	50.301	33.02	8.12	8.06	6.4	2.460	103.0
87	6/30/2012 8:01:32	17.15	50.325	33.04	8.14	8.06	6.7	2.528	103.2
88	6/30/2012 8:16:33	16.88	50.348	33.05	8.22	8.06	6.8	2.614	103.6
89	6/30/2012 8:31:32	16.68	50.349	33.05	8.29	8.06	6.8	2.688	104.0
90	6/30/2012 8:46:32	16.47	50.367	33.06	8.35	8.07	6.8	2.749	104.5
91	6/30/2012 9:01:33	16.24	50.358	33.05	8.46	8.07	7.2	2.817	105.3
92	6/30/2012 9:16:32	15.96	50.404	33.08	8.63	8.08	6.7	2.877	106.9
93	6/30/2012 9:31:33	15.83	50.419	33.09	8.64	8.08	6.5	2.930	106.7
94	6/30/2012 9:46:32	15.75	50.430	33.09	8.58	8.08	5.4	2.969	105.8
95	6/30/2012 10:01:32	15.43	50.477	33.12	8.83	8.09	5.4	3.021	108.2
96	6/30/2012 10:16:32	15.13	50.548	33.17	8.95	8.10	4.7	3.051	109.1
97	6/30/2012 10:31:32	14.98	50.538	33.16	8.97	8.10	4.5	3.061	109.0
98	6/30/2012 10:46:32	15.19	50.584	33.19	8.59	8.08	4.2	3.068	104.8
99	6/30/2012 11:01:33	15.04	50.540	33.16	8.77	8.09	3.7	3.064	106.6
100	6/30/2012 11:16:33	15.18	50.504	33.14	8.84	8.09	6.4	3.032	107.8
101	6/30/2012 11:31:32	15.65	50.376	33.05	8.59	8.09	6.2	2.972	105.6
102	6/30/2012 11:46:32	16.41	50.401	33.08	8.75	8.10	5.6	2.921	109.2
103	6/30/2012 12:01:33	16.43	50.372	33.06	8.71	8.10	5.3	2.861	108.9
104	6/30/2012 12:16:33	16.70	50.393	33.08	8.66	8.10	5.6	2.782	108.8
105	6/30/2012 12:31:32	16.86	50.345	33.05	8.74	8.10	6.0	2.711	110.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	6/30/2012 12:46:32	17.13	50.256	32.99	8.57	8.10	5.7	2.651	108.5
107	6/30/2012 13:01:32	17.36	50.257	32.99	8.51	8.10	5.3	2.587	108.2
108	6/30/2012 13:16:32	17.57	50.248	32.98	8.30	8.10	5.0	2.518	105.9
109	6/30/2012 13:31:32	17.84	50.213	32.96	8.50	8.11	4.8	2.464	109.1
110	6/30/2012 13:46:32	18.05	50.215	32.96	9.03	8.14	4.8	2.409	116.3
111	6/30/2012 14:01:32	18.33	50.202	32.96	9.05	8.15	4.3	2.364	117.2
112	6/30/2012 14:16:32	18.57	50.130	32.90	9.32	8.16	4.2	2.324	121.2
113	6/30/2012 14:31:32	18.70	50.123	32.90	9.72	8.19	3.9	2.282	126.8
114	6/30/2012 14:46:32	18.74	50.135	32.91	9.38	8.18	3.7	2.273	122.3
115	6/30/2012 15:01:32	18.75	50.188	32.95	10.66	8.24	4.3	2.256	139.1
116	6/30/2012 15:16:33	18.60	50.193	32.95	10.33	8.23	4.4	2.257	134.4
117	6/30/2012 15:31:32	18.44	50.175	32.94	9.92	8.18	5.0	2.280	128.6
118	6/30/2012 15:46:32	18.37	50.179	32.94	9.31	8.15	5.1	2.304	120.6
119	6/30/2012 16:01:32	18.39	50.179	32.94	8.99	8.13	5.3	2.348	116.5
120	6/30/2012 16:16:32	18.18	50.203	32.96	8.80	8.11	5.7	2.396	113.6
121	6/30/2012 16:31:32	18.28	50.098	32.88	8.89	8.12	7.5	2.460	114.9
122	6/30/2012 16:46:32	17.91	50.224	32.97	8.59	8.10	5.9	2.521	110.3
123	6/30/2012 17:01:32	17.65	50.256	32.99	8.72	8.10	6.5	2.590	111.5
124	6/30/2012 17:16:33	17.36	50.279	33.01	8.76	8.10	6.2	2.665	111.4
125	6/30/2012 17:31:32	16.79	50.340	33.04	8.80	8.10	7.0	2.735	110.7
126	6/30/2012 17:46:33	16.67	50.348	33.05	8.80	8.10	6.7	2.808	110.5
127	6/30/2012 18:01:33	16.25	50.405	33.08	8.87	8.10	6.5	2.883	110.4
128	6/30/2012 18:16:33	15.77	50.447	33.11	9.04	8.11	7.3	2.971	111.5
129	6/30/2012 18:31:33	15.65	50.487	33.13	9.03	8.11	7.1	3.052	111.1
130	6/30/2012 18:46:32	15.18	50.541	33.16	9.18	8.11	7.8	3.137	112.0
131	6/30/2012 19:01:32	14.59	50.610	33.20	9.54	8.13	8.9	3.233	115.0
132	6/30/2012 19:16:33	14.34	50.637	33.21	9.72	8.14	9.7	3.324	116.6
133	6/30/2012 19:31:32	14.03	50.664	33.22	10.06	8.15	10.2	3.418	120.0
134	6/30/2012 19:46:33	13.84	50.671	33.22	10.25	8.16	9.5	3.508	121.8
135	6/30/2012 20:01:33	13.62	50.707	33.24	10.45	8.17	8.7	3.601	123.6
136	6/30/2012 20:16:33	13.38	50.709	33.23	10.58	8.17	8.2	3.680	124.5
137	6/30/2012 20:31:33	13.32	50.708	33.23	10.81	8.19	6.7	3.756	127.0
138	6/30/2012 20:46:33	13.16	50.740	33.25	11.14	8.20	5.9	3.821	130.5
139	6/30/2012 21:01:33	13.13	50.729	33.24	10.98	8.20	4.8	3.876	128.6
140	6/30/2012 21:16:33	13.06	50.734	33.24	11.00	8.20	5.0	3.931	128.6
141	6/30/2012 21:31:33	13.05	50.746	33.25	10.76	8.19	3.8	3.948	125.8
142	6/30/2012 21:46:33	13.26	50.652	33.19	10.50	8.18	4.5	3.959	123.2
143	6/30/2012 22:01:33	13.27	50.718	33.23	10.31	8.16	3.7	3.962	121.0
144	6/30/2012 22:16:33	13.16	50.742	33.25	10.41	8.17	3.2	3.925	122.0
145	6/30/2012 22:31:33	13.09	50.748	33.25	10.46	8.18	3.7	3.873	122.3
146	6/30/2012 22:46:33	13.61	50.685	33.22	10.22	8.17	5.7	3.801	120.8
147	6/30/2012 23:01:33	14.58	50.591	33.18	9.34	8.14	7.2	3.716	112.5
148	6/30/2012 23:16:33	13.98	50.587	33.16	10.00	8.16	7.0	3.620	119.1
149	6/30/2012 23:31:33	14.48	50.583	33.18	9.49	8.14	7.5	3.504	114.1
150	6/30/2012 23:46:32	14.58	50.542	33.15	9.35	8.13	7.3	3.379	112.6
151	7/1/2012 0:01:32	14.64	50.574	33.17	9.34	8.13	13.4	3.257	112.7
152	7/1/2012 0:16:32	14.90	50.675	33.25	9.21	8.12	7.3	3.132	111.8
153	7/1/2012 0:31:32	15.56	50.544	33.17	8.90	8.12	10.4	3.000	109.3
154	7/1/2012 0:46:33	15.57	50.576	33.20	8.90	8.12	8.5	2.870	109.5
155	7/1/2012 1:01:33	15.96	50.450	33.11	8.84	8.12	10.9	2.733	109.4
156	7/1/2012 1:16:32	16.37	50.423	33.10	8.67	8.11	9.6	2.594	108.2
157	7/1/2012 1:31:32	16.28	50.386	33.07	8.60	8.10	7.4	2.445	107.1
158	7/1/2012 1:46:33	16.38	50.422	33.10	8.52	8.10	7.0	2.315	106.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
159	7/1/2012 2:01:33	16.92	50.354	33.06	8.29	8.10	8.0	2.152	104.5
160	7/1/2012 2:16:32	17.28	50.302	33.02	8.07	8.09	9.7	2.004	102.5
161	7/1/2012 2:31:32	17.20	50.349	33.06	8.02	8.08	9.7	1.856	101.7
162	7/1/2012 2:46:32	17.54	50.353	33.06	7.90	8.08	8.8	1.697	100.9
163	7/1/2012 3:01:32	17.92	50.260	33.00	7.72	8.07	8.7	1.567	99.2
164	7/1/2012 3:16:32	18.20	50.243	32.99	7.64	8.07	15.0	1.422	98.6
165	7/1/2012 3:31:33	18.52	50.210	32.96	7.51	8.07	8.8	1.296	97.6
166	7/1/2012 3:46:32	18.78	50.181	32.94	7.42	8.06	22.2	1.201	96.9
167	7/1/2012 4:01:32	19.06	50.191	32.95	7.23	8.05	7.3	1.116	94.9
168	7/1/2012 4:16:32	19.38	50.117	32.89	7.09	8.06	6.9	1.072	93.6
169	7/1/2012 4:31:32	19.60	50.070	32.86	6.93	8.06	7.8	1.062	91.8
170	7/1/2012 4:46:32	19.40	50.108	32.89	7.41	8.06	6.7	1.100	97.8
171	7/1/2012 5:01:32	19.40	50.105	32.89	7.48	8.07	6.8	1.158	98.7
172	7/1/2012 5:16:32	19.27	50.105	32.89	7.47	8.07	6.7	1.230	98.4
173	7/1/2012 5:31:32	19.24	50.082	32.87	7.53	8.07	6.8	1.307	99.1
174	7/1/2012 5:46:32	19.18	50.101	32.88	7.51	8.07	6.8	1.388	98.7
175	7/1/2012 6:01:32	19.14	49.807	32.67	7.46	8.06	7.9	1.458	97.8
176	7/1/2012 6:16:32	19.02	49.963	32.78	7.48	8.06	6.8	1.528	98.1
177	7/1/2012 6:31:33	18.96	49.890	32.73	7.44	8.06	7.5	1.625	97.4
178	7/1/2012 6:46:32	18.88	49.877	32.72	7.46	8.06	7.6	1.695	97.5
179	7/1/2012 7:01:32	18.79	49.886	32.73	7.50	8.06	7.5	1.783	97.8
180	7/1/2012 7:16:33	18.57	49.963	32.78	7.61	8.06	7.8	1.878	98.8
181	7/1/2012 7:31:32	18.31	50.053	32.85	7.71	8.06	7.3	1.972	99.7
182	7/1/2012 7:46:32	18.03	50.103	32.88	7.77	8.07	7.6	2.071	100.0
183	7/1/2012 8:01:33	17.75	50.175	32.93	7.90	8.07	7.8	2.177	101.2
184	7/1/2012 8:16:33	17.49	50.243	32.98	7.99	8.08	7.6	2.282	101.9
185	7/1/2012 8:31:33	17.33	50.274	33.00	8.07	8.08	7.8	2.371	102.6
186	7/1/2012 8:46:33	17.27	50.285	33.01	8.10	8.08	11.5	2.467	102.8
187	7/1/2012 9:01:32	17.09	50.295	33.02	8.16	8.08	7.3	2.563	103.3
188	7/1/2012 9:16:32	16.87	50.315	33.03	8.26	8.08	8.8	2.649	104.0
189	7/1/2012 9:31:32	16.71	50.329	33.04	8.30	8.08	8.0	2.729	104.2
190	7/1/2012 9:46:32	16.42	50.319	33.02	8.41	8.09	9.2	2.810	105.0
191	7/1/2012 10:01:32	16.14	50.341	33.04	8.52	8.09	8.9	2.879	105.9
192	7/1/2012 10:16:33	15.86	50.379	33.06	8.64	8.10	8.5	2.954	106.7
193	7/1/2012 10:31:33	15.31	50.443	33.09	8.88	8.10	8.9	3.012	108.6
194	7/1/2012 10:46:33	15.00	50.475	33.11	9.06	8.11	7.9	3.069	110.1
195	7/1/2012 11:01:32	14.78	50.514	33.13	9.16	8.12	6.9	3.120	110.8
196	7/1/2012 11:16:32	14.62	50.542	33.15	9.19	8.12	5.8	3.155	110.9
197	7/1/2012 11:31:33	14.60	50.564	33.17	9.08	8.12	4.8	3.179	109.5
198	7/1/2012 11:46:33	14.78	50.622	33.21	8.94	8.12	4.7	3.187	108.3
199	7/1/2012 12:01:33	14.66	50.585	33.18	8.71	8.11	3.8	3.177	105.1
200	7/1/2012 12:16:33	14.67	50.571	33.17	8.90	8.11	46.0	3.141	107.5
201	7/1/2012 12:31:33	14.85	50.566	33.17	8.95	8.12	6.7	3.085	108.4
202	7/1/2012 12:46:33	16.19	50.463	33.13	9.23	8.16	7.5	3.024	114.9
203	7/1/2012 13:01:32	16.34	50.422	33.10	9.07	8.15	7.3	2.951	113.1
204	7/1/2012 13:16:32	16.45	50.496	33.15	8.84	8.13	7.8	2.875	110.5
205	7/1/2012 13:31:32	16.76	50.359	33.06	9.07	8.16	7.3	2.789	114.0
206	7/1/2012 13:46:33	16.95	50.354	33.06	9.12	8.15	6.6	2.714	115.1
207	7/1/2012 14:01:32	17.11	50.318	33.03	8.94	8.15	6.4	2.645	113.1
208	7/1/2012 14:16:32	17.41	50.324	33.04	9.29	8.18	5.4	2.582	118.3
209	7/1/2012 14:31:33	17.59	50.273	33.00	9.01	8.17	5.3	2.516	115.0
210	7/1/2012 14:46:32	17.75	50.324	33.04	9.50	8.19	5.4	2.453	121.7
211	7/1/2012 15:01:32	17.89	50.270	33.00	9.04	8.16	5.3	2.397	116.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
212	7/1/2012 15:16:32	18.20	50.257	33.00	9.45	8.20	6.1	2.356	122.1
213	7/1/2012 15:31:33	18.35	50.172	32.93	8.62	8.14	5.3	2.316	111.6
214	7/1/2012 15:46:32	18.49	50.200	32.96	9.13	8.20	4.8	2.271	118.6
215	7/1/2012 16:01:32	18.56	50.258	33.00	9.60	8.24	5.2	2.268	124.9
216	7/1/2012 16:16:32	18.61	50.200	32.96	10.14	8.27	5.2	2.271	132.0
217	7/1/2012 16:31:32	18.54	50.216	32.97	10.09	8.24	5.7	2.276	131.1
218	7/1/2012 16:46:32	18.37	50.116	32.89	9.43	8.19	6.4	2.296	122.2
219	7/1/2012 17:01:32	18.53	50.097	32.88	8.85	8.15	6.2	2.343	115.0
220	7/1/2012 17:16:32	18.49	50.089	32.87	8.63	8.13	6.3	2.404	112.0
221	7/1/2012 17:31:32	18.14	50.137	32.91	8.61	8.12	7.2	2.462	111.1
222	7/1/2012 17:46:33	18.40	50.182	32.94	8.59	8.12	6.5	2.528	111.4
223	7/1/2012 18:01:32	18.11	50.144	32.91	8.61	8.12	6.8	2.609	110.9
224	7/1/2012 18:16:32	17.83	50.200	32.95	8.73	8.13	7.0	2.687	112.0
225	7/1/2012 18:31:33	17.29	50.232	32.97	8.73	8.12	7.3	2.763	110.9
226	7/1/2012 18:46:33	16.83	50.317	33.03	8.83	8.12	6.8	2.839	111.1
227	7/1/2012 19:01:32	16.53	50.314	33.02	8.89	8.12	8.0	2.933	111.2
228	7/1/2012 19:16:32	16.05	50.388	33.07	9.02	8.12	8.2	3.009	111.9
229	7/1/2012 19:31:33	15.75	50.431	33.09	9.07	8.12	7.8	3.103	111.8
230	7/1/2012 19:46:33	15.43	50.419	33.08	9.12	8.12	8.8	3.200	111.7
231	7/1/2012 20:01:33	15.08	50.461	33.10	9.25	8.12	10.0	3.289	112.6
232	7/1/2012 20:16:32	14.73	50.528	33.14	9.53	8.14	11.3	3.388	115.2
233	7/1/2012 20:31:33	14.45	50.576	33.17	9.70	8.15	12.0	3.488	116.6
234	7/1/2012 20:46:33	14.26	50.603	33.18	9.83	8.15	10.6	3.584	117.7
235	7/1/2012 21:01:32	14.05	50.667	33.22	10.01	8.16	9.8	3.675	119.4
236	7/1/2012 21:16:33	13.83	50.639	33.20	10.32	8.18	9.0	3.770	122.6
237	7/1/2012 21:31:33	13.80	50.506	33.10	10.41	8.19	7.7	3.847	123.4
238	7/1/2012 21:46:33	13.73	50.540	33.12	10.44	8.19	6.8	3.920	123.7
239	7/1/2012 22:01:33	13.69	50.543	33.12	10.46	8.20	5.7	3.980	123.8
240	7/1/2012 22:16:33	13.66	50.540	33.12	10.40	8.20	5.3	4.021	123.0
241	7/1/2012 22:31:33	13.60	50.527	33.11	10.24	8.19	3.7	4.050	120.9
242	7/1/2012 22:46:33	14.01	50.597	33.17	9.93	8.18	4.5	4.053	118.3
243	7/1/2012 23:01:33	13.75	50.549	33.13	9.93	8.18	4.2	4.035	117.6
244	7/1/2012 23:16:33	13.69	50.591	33.16	10.19	8.19	6.1	3.987	120.6
245	7/1/2012 23:31:33	13.72	50.500	33.09	10.23	8.19	5.8	3.915	121.1
246	7/1/2012 23:46:33	13.93	50.549	33.13	9.90	8.17	5.7	3.828	117.8
247	7/2/2012 0:01:33	13.99	50.506	33.10	9.53	8.15	5.9	3.716	113.5
248	7/2/2012 0:16:33	14.08	50.553	33.14	9.48	8.15	6.4	3.587	113.1
249	7/2/2012 0:31:33	14.99	50.452	33.09	9.07	8.14	9.2	3.479	110.1
250	7/2/2012 0:46:33	15.16	50.426	33.08	8.95	8.13	8.0	3.340	109.0
251	7/2/2012 1:01:32	15.13	50.409	33.06	8.99	8.14	8.4	3.199	109.5
252	7/2/2012 1:16:33	15.09	50.445	33.09	8.82	8.13	8.6	3.081	107.4
253	7/2/2012 1:31:33	15.13	50.405	33.06	8.81	8.12	6.8	2.932	107.2
254	7/2/2012 1:46:33	15.69	50.332	33.02	8.47	8.11	8.9	2.783	104.2
255	7/2/2012 2:01:33	15.86	50.420	33.09	8.27	8.10	18.4	2.643	102.2
256	7/2/2012 2:16:33	16.05	50.500	33.15	8.24	8.10	12.1	2.489	102.3
257	7/2/2012 2:31:33	16.33	50.329	33.03	8.09	8.10	14.2	2.319	100.8
258	7/2/2012 2:46:33	16.67	50.291	33.01	7.92	8.09	11.5	2.163	99.3
259	7/2/2012 3:01:32	16.89	50.271	33.00	7.68	8.07	10.9	2.013	96.8
260	7/2/2012 3:16:32	17.19	50.181	32.93	7.58	8.07	12.3	1.831	96.0
261	7/2/2012 3:31:32	17.24	50.125	32.89	7.38	8.06	10.0	1.675	93.6
262	7/2/2012 3:46:32	17.29	50.276	33.00	7.35	8.05	9.4	1.517	93.3
263	7/2/2012 4:01:32	17.44	50.251	32.99	7.27	8.06	8.6	1.355	92.6
264	7/2/2012 4:16:32	17.70	50.230	32.97	7.16	8.06	8.9	1.194	91.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
265	7/2/2012 4:31:32	18.11	50.072	32.86	6.98	8.05	10.1	1.062	89.9
266	7/2/2012 4:46:32	18.08	50.128	32.90	6.65	8.04	10.9	0.953	85.7
267	7/2/2012 5:01:33	18.07	50.120	32.89	6.26	7.99	48.7	0.884	80.6
268	7/2/2012 5:16:32	17.75	50.164	32.92	6.56	8.03	16.2	0.851	84.0
269	7/2/2012 5:31:32	18.56	50.088	32.87	6.78	8.04	9.2	0.911	88.1
270	7/2/2012 5:46:32	18.75	50.064	32.86	6.93	8.05	8.4	0.988	90.4
271	7/2/2012 6:01:32	18.67	50.101	32.88	6.75	8.04	8.7	1.055	87.9
272	7/2/2012 6:16:32	18.80	50.052	32.85	6.81	8.03	9.6	1.150	88.9
273	7/2/2012 6:31:33	18.81	50.107	32.89	6.72	8.04	9.5	1.232	87.7
274	7/2/2012 6:46:33	18.79	50.124	32.90	6.66	8.03	9.0	1.279	87.0
275	7/2/2012 7:01:33	18.72	49.951	32.77	6.62	8.03	9.5	1.348	86.3
276	7/2/2012 7:16:33	18.63	49.773	32.64	6.74	8.03	10.7	1.423	87.6
277	7/2/2012 7:31:33	18.56	49.971	32.79	6.88	8.04	9.4	1.516	89.4
278	7/2/2012 7:46:32	18.51	49.851	32.70	6.94	8.03	10.1	1.590	90.0
279	7/2/2012 8:01:32	18.42	49.950	32.77	7.00	8.04	10.9	1.691	90.7
280	7/2/2012 8:16:33	18.25	50.027	32.83	7.11	8.05	9.5	1.794	91.9
281	7/2/2012 8:31:32	18.04	50.104	32.88	7.20	8.05	10.6	1.919	92.7
282	7/2/2012 8:46:32	17.78	50.152	32.92	7.34	8.05	11.2	2.024	94.0
283	7/2/2012 9:01:33	17.42	50.238	32.98	7.55	8.07	10.3	2.128	96.1
284	7/2/2012 9:16:33	17.28	50.297	33.02	7.66	8.08	10.0	2.259	97.3
285	7/2/2012 9:31:33	17.12	50.287	33.01	7.74	8.08	11.2	2.358	98.0
286	7/2/2012 9:46:33	17.04	50.281	33.00	7.79	8.08	11.7	2.460	98.4
287	7/2/2012 10:01:33	16.86	50.295	33.01	7.88	8.08	11.1	2.558	99.3
288	7/2/2012 10:16:33	16.67	50.262	32.99	7.89	8.08	11.7	2.652	99.0
289	7/2/2012 10:31:32	16.38	50.247	32.97	7.96	8.07	16.6	2.744	99.3
290	7/2/2012 10:46:33	16.05	50.325	33.02	8.03	8.08	14.2	2.822	99.5
291	7/2/2012 11:01:33	15.65	50.355	33.04	8.22	8.08	12.4	2.905	101.1
292	7/2/2012 11:16:32	15.16	50.403	33.06	8.43	8.09	14.6	2.983	102.7
293	7/2/2012 11:31:33	14.94	50.447	33.09	8.53	8.09	12.8	3.050	103.5
294	7/2/2012 11:46:33	14.87	50.443	33.08	8.53	8.10	11.7	3.107	103.4
295	7/2/2012 12:01:32	14.75	50.460	33.09	8.59	8.10	8.7	3.163	103.8
296	7/2/2012 12:16:32	14.68	50.469	33.10	8.52	8.11	8.1	3.210	102.8
297	7/2/2012 12:31:33	14.66	50.488	33.11	8.28	8.10	6.4	3.231	99.9
298	7/2/2012 12:46:33	14.99	50.412	33.06	7.68	8.07	6.0	3.244	93.3
299	7/2/2012 13:01:32	14.90	50.509	33.13	6.92	8.02	5.7	3.225	83.9
300	7/2/2012 13:16:33	14.82	50.486	33.11	6.84	8.02	6.9	3.185	82.8
301	7/2/2012 13:31:33	15.03	50.468	33.11	7.77	8.09	6.2	3.129	94.5
302	7/2/2012 13:46:33	15.29	50.411	33.07	8.15	8.10	5.7	3.060	99.6
303	7/2/2012 14:01:33	15.72	50.436	33.10	8.56	8.12	5.7	2.968	105.4
304	7/2/2012 14:16:33	15.96	50.372	33.06	8.55	8.13	6.4	2.881	105.8
305	7/2/2012 14:31:32	16.03	50.376	33.06	8.64	8.14	5.5	2.796	107.1
306	7/2/2012 14:46:32	16.08	50.327	33.02	8.91	8.16	6.5	2.711	110.6
307	7/2/2012 15:01:32	16.20	50.326	33.03	8.89	8.16	5.1	2.642	110.5
308	7/2/2012 15:16:33	16.45	50.355	33.05	8.58	8.15	5.5	2.561	107.2
309	7/2/2012 15:31:33	16.65	50.344	33.05	8.48	8.15	5.9	2.482	106.4
310	7/2/2012 15:46:33	16.78	50.356	33.06	8.41	8.14	6.2	2.431	105.8
311	7/2/2012 16:01:32	16.92	50.359	33.06	8.25	8.15	6.2	2.357	104.0
312	7/2/2012 16:16:33	17.00	50.352	33.06	8.22	8.14	6.1	2.311	103.8
313	7/2/2012 16:31:33	17.05	50.338	33.05	7.89	8.13	6.2	2.263	99.7
314	7/2/2012 16:46:33	17.27	50.327	33.04	7.66	8.11	5.4	2.222	97.2
315	7/2/2012 17:01:32	17.37	50.312	33.03	6.68	8.04	5.3	2.206	85.0
316	7/2/2012 17:16:33	17.48	50.240	32.98	6.58	8.04	7.2	2.205	83.9
317	7/2/2012 17:31:33	17.33	50.280	33.01	8.75	8.18	7.4	2.206	111.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
318	7/2/2012 17:46:32	17.54	50.306	33.03	7.79	8.11	7.0	2.238	99.5
319	7/2/2012 18:01:32	17.65	50.257	32.99	8.05	8.10	10.0	2.287	102.9
320	7/2/2012 18:16:33	17.87	50.205	32.96	7.77	8.08	9.0	2.341	99.8
321	7/2/2012 18:31:32	17.63	50.243	32.98	7.89	8.08	12.2	2.412	100.9
322	7/2/2012 18:46:33	17.51	50.253	32.99	7.91	8.08	10.0	2.484	100.9
323	7/2/2012 19:01:33	17.53	50.243	32.98	7.99	8.09	11.0	2.569	101.9
324	7/2/2012 19:16:33	17.19	50.291	33.01	8.21	8.10	11.7	2.653	104.0
325	7/2/2012 19:31:33	17.02	50.305	33.02	8.22	8.11	9.9	2.733	103.9
326	7/2/2012 19:46:33	16.44	50.357	33.05	8.31	8.10	11.3	2.818	103.8
327	7/2/2012 20:01:32	15.99	50.408	33.08	8.36	8.10	10.6	2.915	103.5
328	7/2/2012 20:16:33	15.74	50.428	33.09	8.39	8.10	10.8	3.003	103.4
329	7/2/2012 20:31:32	15.62	50.442	33.10	8.39	8.10	10.2	3.091	103.2
330	7/2/2012 20:46:33	15.14	50.486	33.12	8.53	8.10	11.4	3.191	104.0
331	7/2/2012 21:01:33	14.72	50.535	33.15	8.63	8.10	13.7	3.291	104.3
332	7/2/2012 21:16:33	14.24	50.578	33.17	8.87	8.10	14.4	3.393	106.2
333	7/2/2012 21:31:33	13.82	50.637	33.19	9.02	8.11	12.9	3.504	107.0
334	7/2/2012 21:46:33	13.54	50.670	33.21	9.13	8.11	11.3	3.603	107.8
335	7/2/2012 22:01:33	13.23	50.699	33.22	9.34	8.11	10.0	3.698	109.5
336	7/2/2012 22:16:33	12.95	50.742	33.24	9.51	8.12	9.0	3.787	110.9
337	7/2/2012 22:31:33	12.82	50.752	33.24	9.52	8.13	7.5	3.867	110.8
338	7/2/2012 22:46:33	12.75	50.760	33.24	9.53	8.13	4.6	3.933	110.7
339	7/2/2012 23:01:33	12.70	50.769	33.25	9.33	8.13	5.0	3.984	108.3
340	7/2/2012 23:16:33	12.66	50.777	33.25	9.27	8.13	4.7	4.026	107.5
341	7/2/2012 23:31:33	12.64	50.785	33.26	8.94	8.10	3.2	4.044	103.6
342	7/2/2012 23:46:33	13.02	50.776	33.27	8.34	8.08	4.5	4.037	97.5
343	7/3/2012 0:01:33	12.85	50.766	33.25	9.11	8.12	5.1	4.004	106.1
344	7/3/2012 0:16:33	12.74	50.774	33.25	9.30	8.13	15.6	3.945	107.9
345	7/3/2012 0:31:33	13.24	50.720	33.23	8.88	8.11	5.9	3.860	104.2
346	7/3/2012 0:46:33	13.13	50.701	33.22	8.87	8.10	5.6	3.758	103.9
347	7/3/2012 1:01:33	12.92	50.770	33.26	8.89	8.10	5.5	3.637	103.6
348	7/3/2012 1:16:33	13.76	50.606	33.17	8.37	8.07	6.6	3.504	99.2
349	7/3/2012 1:31:33	14.40	50.545	33.15	7.97	8.07	6.8	3.383	95.6
350	7/3/2012 1:46:33	14.45	50.551	33.15	7.94	8.06	7.9	3.239	95.4
351	7/3/2012 2:01:33	14.66	50.500	33.12	7.92	8.07	15.9	3.103	95.6
352	7/3/2012 2:16:33	14.83	50.559	33.17	8.02	8.07	11.3	2.946	97.2
353	7/3/2012 2:31:33	15.13	50.468	33.11	7.81	8.07	9.7	2.811	95.1
354	7/3/2012 2:46:32	15.38	50.418	33.08	7.76	8.05	11.2	2.669	95.0
355	7/3/2012 3:01:32	15.18	50.464	33.11	7.76	8.06	11.6	2.495	94.6
356	7/3/2012 3:16:33	15.28	50.451	33.10	7.76	8.07	13.2	2.337	94.8
357	7/3/2012 3:31:33	15.47	50.455	33.11	7.47	8.04	13.4	2.172	91.6
358	7/3/2012 3:46:33	15.84	50.403	33.08	7.40	8.04	13.9	2.008	91.4
359	7/3/2012 4:01:32	16.10	50.350	33.04	7.23	8.04	13.6	1.843	89.7
360	7/3/2012 4:16:32	16.33	50.333	33.03	7.13	8.04	15.7	1.665	88.9
361	7/3/2012 4:31:32	16.40	50.360	33.05	7.08	8.03	14.5	1.500	88.4
362	7/3/2012 4:46:33	16.44	50.321	33.03	7.06	8.01	12.6	1.333	88.2
363	7/3/2012 5:01:33	16.52	50.323	33.03	6.87	8.00	9.4	1.151	85.9
364	7/3/2012 5:16:32	16.58	50.305	33.02	6.91	8.03	10.2	1.012	86.5
365	7/3/2012 5:31:33	16.77	50.311	33.02	6.68	8.02	8.9	0.864	84.0
366	7/3/2012 5:46:32	16.71	50.272	32.99		7.97	8.9	0.777	
367	7/3/2012 6:01:32	16.61	50.276	33.00		7.88	71.5	0.752	
368	7/3/2012 6:16:33	16.84	50.242	32.97	6.84	8.03	13.7	0.779	86.1
369	7/3/2012 6:31:32	16.99	50.223	32.96	6.84	8.03	13.7	0.854	86.4
370	7/3/2012 6:46:33	17.05	50.223	32.96	6.70	8.02	13.1	0.968	84.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
371	7/3/2012 7:01:32	17.14	50.215	32.96	6.36	8.00	13.3	1.056	80.5
372	7/3/2012 7:16:33	17.17	50.215	32.96	6.21	7.99	12.9	1.131	78.7
373	7/3/2012 7:31:33	17.14	50.198	32.94		7.98	11.0	1.209	
374	7/3/2012 7:46:33	17.10	50.068	32.85		7.99	11.2	1.268	
375	7/3/2012 8:01:33	17.09	49.937	32.75		7.98	10.9	1.331	
376	7/3/2012 8:16:33	17.06	50.072	32.85		8.00	12.2	1.427	
377	7/3/2012 8:31:33	17.02	49.993	32.79		7.90	11.5	1.524	
378	7/3/2012 8:46:33	16.96	49.997	32.79		7.92	7.5	1.617	
379	7/3/2012 9:01:32	16.88	50.141	32.90	6.01	7.97	4.6	1.734	75.6
380	7/3/2012 9:16:32	16.79	50.193	32.94	6.00	7.99	7.0	1.851	75.4
381	7/3/2012 9:31:32	16.63	50.228	32.96	6.51	8.01	5.3	1.976	81.5
382	7/3/2012 9:46:32	16.46	50.296	33.01	6.70	8.02	4.3	2.092	83.7
383	7/3/2012 10:01:32	16.40	50.320	33.02	6.53	8.02	4.3	2.209	81.5
384	7/3/2012 10:16:33	16.32	50.341	33.04	6.65	8.03	4.6	2.343	82.9
385	7/3/2012 10:31:33	16.24	50.295	33.00	6.80	8.03	4.1	2.455	84.6
386	7/3/2012 10:46:33	16.14	50.362	33.05	6.80	8.03	3.6	2.568	84.5
387	7/3/2012 11:01:33	16.00	50.331	33.03	6.76	8.01	3.3	2.668	83.7
388	7/3/2012 11:16:33	15.78	50.327	33.02	6.75	8.02	5.3	2.764	83.3
389	7/3/2012 11:31:33	15.53	50.390	33.06	6.80	8.01	3.9	2.855	83.5
390	7/3/2012 11:46:33	15.16	50.425	33.08	6.88	8.02	4.1	2.940	83.8
391	7/3/2012 12:01:33	14.66	50.502	33.12	6.98	8.04	3.6	3.022	84.2
392	7/3/2012 12:16:33	14.45	50.531	33.14	7.04	8.02	3.1	3.104	84.6
393	7/3/2012 12:31:32	14.36	50.556	33.15	6.75	8.02	3.0	3.167	81.0
394	7/3/2012 12:46:33	14.19	50.618	33.19	6.77	8.01	4.5	3.221	81.0
395	7/3/2012 13:01:33	14.09	50.646	33.21		7.99	6.1	3.275	
396	7/3/2012 13:16:33	13.91	50.657	33.21		7.95	3.9	3.305	
397	7/3/2012 13:31:33	13.83	50.639	33.20		7.89	4.8	3.309	
398	7/3/2012 13:46:33	13.69	50.652	33.20	7.71	8.03	5.7	3.286	91.3
399	7/3/2012 14:01:32	13.91	50.613	33.18	7.95	8.04	7.3	3.254	94.5
400	7/3/2012 14:16:33	14.60	50.476	33.10	7.37	8.02	8.9	3.195	88.9
401	7/3/2012 14:31:32	15.00	50.483	33.12	7.53	8.03	8.9	3.113	91.5
402	7/3/2012 14:46:32	15.14	50.531	33.15	7.87	8.06	17.4	3.039	95.9
403	7/3/2012 15:01:32	15.12	50.547	33.17	8.53	8.11	28.2	2.952	103.9
404	7/3/2012 15:16:33	15.12	50.543	33.16	8.82	8.12	21.4	2.859	107.4
405	7/3/2012 15:31:33	15.28	50.508	33.14	8.94	8.13	24.6	2.760	109.3
406	7/3/2012 15:46:33	15.64	50.459	33.11	8.90	8.13	27.7	2.669	109.5
407	7/3/2012 16:01:33	16.13	50.436	33.10	8.45	8.11	29.4	2.607	104.9
408	7/3/2012 16:16:33	16.38	50.395	33.08	7.87	8.06	39.7	2.508	98.3
409	7/3/2012 16:31:33	16.54	50.368	33.06	7.69	8.05	57.0	2.422	96.3
410	7/3/2012 16:46:33	16.62	50.359	33.06	7.31	8.03	54.5	2.363	91.7
411	7/3/2012 17:01:33	16.65	50.350	33.05	6.63	7.99	29.1	2.292	83.1
412	7/3/2012 17:16:33	16.74	50.328	33.04	6.94	8.02	24.8	2.234	87.2
413	7/3/2012 17:31:33	16.83	50.326	33.03	6.47	7.98	21.1	2.173	81.5
414	7/3/2012 17:46:32	16.85	50.327	33.04	6.42	7.99	15.0	2.156	80.8
415	7/3/2012 18:01:32	16.86	50.338	33.04		7.90	12.2	2.152	
416	7/3/2012 18:16:32	16.92	50.372	33.07		7.97	12.3	2.117	
417	7/3/2012 18:31:33	16.89	50.328	33.04	7.38	8.06	17.8	2.149	93.1
418	7/3/2012 18:46:33	17.33	50.314	33.03	6.92	8.04	18.1	2.204	87.9
419	7/3/2012 19:01:32	17.44	50.196	32.95	7.18	8.04	19.3	2.247	91.4
420	7/3/2012 19:16:32	17.74	50.214	32.96	6.80	8.01	19.8	2.313	87.0
421	7/3/2012 19:31:33	17.36	50.272	33.00	7.32	8.03	25.0	2.392	93.1
422	7/3/2012 19:46:32	17.62	50.175	32.93	7.32	8.02	30.2	2.481	93.5
423	7/3/2012 20:01:32	17.45	50.237	32.98	7.30	8.02	22.7	2.563	92.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
424	7/3/2012 20:16:33	17.31	50.241	32.98	7.44	8.03	25.4	2.644	94.5
425	7/3/2012 20:31:33	16.77	50.335	33.04	7.45	8.04	29.6	2.740	93.7
426	7/3/2012 20:46:33	16.15	50.401	33.08	7.65	8.05	41.0	2.826	95.0
427	7/3/2012 21:01:33	15.65	50.421	33.09	7.82	8.06	41.8	2.918	96.2
428	7/3/2012 21:16:33	15.34	50.436	33.09	7.87	8.06	23.3	3.004	96.2
429	7/3/2012 21:31:33	14.77	50.507	33.13	7.93	8.06	42.3	3.112	95.9
430	7/3/2012 21:46:33	14.29	50.540	33.14	8.04	8.05	42.0	3.213	96.3
431	7/3/2012 22:01:33	14.09	50.556	33.14	8.21	8.05	41.5	3.314	98.0
432	7/3/2012 22:16:33	13.59	50.607	33.16	8.42	8.06	34.6	3.419	99.4
433	7/3/2012 22:31:33	13.23	50.670	33.20	8.55	8.06	29.2	3.521	100.3
434	7/3/2012 22:46:33	12.99	50.671	33.19	8.55	8.06	22.4	3.629	99.7
435	7/3/2012 23:01:33	12.83	50.705	33.21	8.54	8.06	15.4	3.719	99.3
436	7/3/2012 23:16:33	12.69	50.731	33.22	8.67	8.06	12.3	3.805	100.5
437	7/3/2012 23:31:33	12.62	50.735	33.22	8.71	8.07	8.3	3.889	100.8
438	7/3/2012 23:46:33	12.56	50.762	33.24	8.67	8.06	6.4	3.946	100.3
439	7/4/2012 0:01:33	12.54	50.764	33.24	8.24	8.05	6.0	3.991	95.3
440	7/4/2012 0:16:33	12.51	50.768	33.24	7.37	8.02	4.2	4.026	85.2
441	7/4/2012 0:31:33	12.52	50.774	33.24	7.00	7.97	14.4	4.030	81.0
442	7/4/2012 0:46:33	12.89	50.747	33.24	7.74	8.04	5.3	4.006	90.1
443	7/4/2012 1:01:33	12.78	50.731	33.22	8.43	8.07	6.8	3.964	98.0
444	7/4/2012 1:16:33	12.88	50.711	33.21	8.49	8.05	8.1	3.887	98.9
445	7/4/2012 1:31:33	12.85	50.716	33.22	8.54	8.06	14.0	3.778	99.4
446	7/4/2012 1:46:33	12.69	50.753	33.24	8.67	8.06	9.0	3.671	100.6
447	7/4/2012 2:01:33	13.50	50.618	33.17	8.34	8.06	7.9	3.555	98.4
448	7/4/2012 2:16:33	13.81	50.598	33.17	8.17	8.06	16.1	3.409	97.0
449	7/4/2012 2:31:33	13.88	50.581	33.16	8.14	8.06	17.9	3.281	96.7
450	7/4/2012 2:46:33	13.89	50.584	33.16	8.11	8.05	13.6	3.143	96.4
451	7/4/2012 3:01:33	14.71	50.486	33.11	7.94	8.05	22.9	2.996	95.9
452	7/4/2012 3:16:33	14.53	50.531	33.14	7.88	8.05	17.7	2.854	94.9
453	7/4/2012 3:31:33	15.15	50.483	33.12	7.64	8.04	18.9	2.701	93.1
454	7/4/2012 3:46:33	14.89	50.563	33.17	7.61	8.03	14.7	2.553	92.3
455	7/4/2012 4:01:32	15.09	50.528	33.15	7.52	8.03	26.3	2.400	91.5
456	7/4/2012 4:16:33	15.36	50.500	33.14	7.52	8.03	30.7	2.232	92.0
457	7/4/2012 4:31:32	15.25	50.595	33.20	7.35	8.02	19.4	2.071	89.8
458	7/4/2012 4:46:33	15.74	50.458	33.11	7.26	8.02	21.4	1.894	89.5
459	7/4/2012 5:01:33	16.03	50.466	33.13	7.16	8.02	25.8	1.723	88.8
460	7/4/2012 5:16:33	16.09	50.466	33.13	7.06	8.00	24.7	1.544	87.7
461	7/4/2012 5:31:33	16.37	50.390	33.08	7.11	8.03	20.1	1.380	88.7
462	7/4/2012 5:46:33	16.40	50.388	33.07	7.06	8.02	22.0	1.201	88.2
463	7/4/2012 6:01:33	16.62	50.354	33.05	7.02	8.02	26.3	1.032	88.0
464	7/4/2012 6:16:33	16.65	50.338	33.04	6.94	8.02	27.1	0.911	87.1
465	7/4/2012 6:31:33	16.85	50.328	33.04	6.78	8.02	17.5	0.774	85.4
466	7/4/2012 6:46:32	16.66	50.445	33.12		7.95	22.3	0.723	
467	7/4/2012 7:01:32	16.76	50.298	33.01	6.62	8.00	17.4	0.735	83.2
468	7/4/2012 7:16:33	16.93	50.299	33.02	6.84	8.01	17.9	0.811	86.2
469	7/4/2012 7:31:33	16.90	50.310	33.02	6.72	8.01	13.6	0.913	84.8
470	7/4/2012 7:46:33	17.07	50.285	33.01	6.43	8.01	17.2	1.041	81.3
471	7/4/2012 8:01:33	17.12	50.301	33.02	6.57	8.00	16.7	1.123	83.2
472	7/4/2012 8:16:33	17.10	50.296	33.02	6.48	7.99	16.2	1.204	81.9
473	7/4/2012 8:31:33	17.01	49.902	32.73	6.48	7.98	15.3	1.286	81.7
474	7/4/2012 8:46:33	17.04	50.060	32.84	6.48	7.98	14.8	1.345	81.8
475	7/4/2012 9:01:33	16.99	50.042	32.83	6.40	7.99	18.0	1.447	80.7
476	7/4/2012 9:16:33	16.93	50.018	32.81	6.35	7.98	17.1	1.530	80.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
477	7/4/2012 9:31:33	16.86	50.154	32.91	6.56	7.99	18.6	1.640	82.6
478	7/4/2012 9:46:33	16.80	50.198	32.94	6.68	7.99	19.4	1.757	84.0
479	7/4/2012 10:01:33	16.47	50.292	33.00	6.79	8.01	22.5	1.873	84.9
480	7/4/2012 10:16:33	16.27	50.359	33.05	6.96	8.01	23.5	1.998	86.7
481	7/4/2012 10:31:33	16.22	50.403	33.08	7.01	8.02	19.5	2.132	87.2
482	7/4/2012 10:46:33	16.12	50.420	33.09	7.06	8.02	23.0	2.252	87.7
483	7/4/2012 11:01:33	16.06	50.438	33.11	7.13	8.02	21.4	2.364	88.4
484	7/4/2012 11:16:33	15.94	50.399	33.07	7.29	8.02	19.1	2.489	90.2
485	7/4/2012 11:31:33	15.80	50.346	33.03	7.25	8.02	22.2	2.600	89.5
486	7/4/2012 11:46:33	15.51	50.389	33.06	7.25	8.01	28.9	2.701	89.0
487	7/4/2012 12:01:32	15.20	50.420	33.07	7.34	8.01	29.4	2.799	89.5
488	7/4/2012 12:16:33	14.61	50.510	33.13	7.62	8.01	30.8	2.894	91.8
489	7/4/2012 12:31:33	14.34	50.534	33.14	7.70	8.02	33.7	2.986	92.4
490	7/4/2012 12:46:33	14.12	50.564	33.15	7.83	8.03	30.3	3.072	93.5
491	7/4/2012 13:01:33	13.81	50.591	33.16	7.91	8.03	29.2	3.148	93.9
492	7/4/2012 13:16:33	13.32	50.686	33.21	7.97	8.03	26.0	3.222	93.7
493	7/4/2012 13:31:33	12.59	50.803	33.27	8.04	8.02	17.3	3.292	93.1
494	7/4/2012 13:46:33	12.34	50.828	33.28	8.05	8.01	10.8	3.339	92.7
495	7/4/2012 14:01:33	12.19	50.865	33.30	8.03	8.01	6.7	3.377	92.2
496	7/4/2012 14:16:33	13.11	49.992	32.70	7.41	8.02	6.1	3.387	86.4
497	7/4/2012 14:31:33	12.46	50.846	33.29	8.19	8.02	6.9	3.371	94.6
498	7/4/2012 14:46:33	12.36	50.836	33.28	8.24	8.02	7.9	3.337	94.9
499	7/4/2012 15:01:33	12.71	50.725	33.22	8.18	8.03	11.4	3.267	94.9
500	7/4/2012 15:16:33	14.61	50.522	33.13	8.27	8.07	21.8	3.186	99.8
501	7/4/2012 15:31:32	14.83	50.567	33.17	8.38	8.08	12.9	3.096	101.5
502	7/4/2012 15:46:32	14.93	50.576	33.18	8.33	8.07	12.5	2.997	101.1
503	7/4/2012 16:01:33	15.34	50.365	33.04	8.45	8.09	13.6	2.899	103.4
504	7/4/2012 16:16:33	15.51	50.463	33.11	8.43	8.10	16.7	2.810	103.4
505	7/4/2012 16:31:32	15.80	50.432	33.10	9.22	8.15	13.0	2.705	113.8
506	7/4/2012 16:46:32	16.17	50.412	33.09	9.01	8.14	15.1	2.617	112.0
507	7/4/2012 17:01:33	16.56	50.400	33.09	8.81	8.14	16.2	2.535	110.3
508	7/4/2012 17:16:33	16.58	50.487	33.15	9.20	8.17	13.7	2.442	115.3
509	7/4/2012 17:31:32	16.83	50.302	33.02	9.08	8.15	14.1	2.365	114.3
510	7/4/2012 17:46:32	16.86	50.334	33.04	9.19	8.16	14.5	2.287	115.7
511	7/4/2012 18:01:32	16.90	50.380	33.07	9.00	8.16	12.6	2.222	113.5
512	7/4/2012 18:16:33	16.99	50.409	33.10	9.54	8.18	12.3	2.149	120.6
513	7/4/2012 18:31:33	17.19	50.381	33.08	9.66	8.19	11.4	2.108	122.5
514	7/4/2012 18:46:33	17.49	50.356	33.06	8.64	8.15	10.7	2.070	110.2
515	7/4/2012 19:01:33	17.79	50.254	32.99	8.62	8.15	9.8	2.047	110.5
516	7/4/2012 19:16:33	17.85	50.347	33.06	7.24	8.06	13.7	2.069	93.0
517	7/4/2012 19:31:32	17.97	50.298	33.02	8.14	8.09	12.7	2.090	104.7
518	7/4/2012 19:46:33	17.87	50.335	33.05	8.12	8.08	14.8	2.127	104.2
519	7/4/2012 20:01:33	17.87	50.310	33.03	7.74	8.05	15.2	2.185	99.4
520	7/4/2012 20:16:33	17.67	50.318	33.04	7.62	8.04	14.7	2.269	97.5
521	7/4/2012 20:31:33	18.08	50.225	32.97	7.75	8.06	15.3	2.347	99.9
522	7/4/2012 20:46:33	17.60	50.296	33.02	7.72	8.05	15.9	2.435	98.7
523	7/4/2012 21:01:33	17.30	50.331	33.04	7.80	8.05	15.2	2.532	99.1
524	7/4/2012 21:16:33	16.95	50.357	33.06	7.86	8.05	14.2	2.618	99.2
525	7/4/2012 21:31:33	16.01	50.450	33.11	7.70	8.04	16.4	2.711	95.5
526	7/4/2012 21:46:33	15.69	50.468	33.12	7.69	8.03	13.7	2.800	94.8
527	7/4/2012 22:01:33	15.45	50.491	33.13	7.83	8.04	13.3	2.896	96.0
528	7/4/2012 22:16:33	15.35	50.497	33.13	7.81	8.04	15.8	2.994	95.5
529	7/4/2012 22:31:33	14.82	50.562	33.17	7.85	8.03	13.7	3.085	95.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
530	7/4/2012 22:46:33	14.39	50.605	33.19	7.91	8.03	17.9	3.186	94.9
531	7/4/2012 23:01:33	13.82	50.673	33.22	8.03	8.03	16.4	3.281	95.4
532	7/4/2012 23:16:33	13.38	50.725	33.24	8.16	8.02	17.0	3.383	96.0
533	7/4/2012 23:31:33	13.04	50.775	33.27	8.17	8.03	14.7	3.488	95.5
534	7/4/2012 23:46:33	12.74	50.815	33.28	8.27	8.03	13.1	3.578	96.1
535	7/5/2012 0:01:33	12.55	50.842	33.29	8.50	8.04	11.9	3.668	98.3
536	7/5/2012 0:16:33	12.45	50.854	33.30	8.49	8.04	19.1	3.744	98.0
537	7/5/2012 0:31:33	12.41	50.856	33.30	8.48	8.05	6.4	3.815	97.8
538	7/5/2012 0:46:33	12.40	50.858	33.30	8.57	8.06	5.4	3.865	98.8
539	7/5/2012 1:01:33	12.38	50.870	33.31	8.58	8.05	4.9	3.903	99.0
540	7/5/2012 1:16:33	12.39	50.858	33.30	7.47	8.00	4.7	3.924	86.1
541	7/5/2012 1:31:33	12.44	50.826	33.28		7.89	8.8	3.916	
542	7/5/2012 1:46:33	12.57	50.862	33.31	8.62	8.05	7.2	3.878	99.8
543	7/5/2012 2:01:33	12.59	50.821	33.28	7.82	7.99	5.2	3.821	90.6
544	7/5/2012 2:16:33	12.72	50.836	33.30	8.08	8.01	6.6	3.735	93.8
545	7/5/2012 2:31:33	12.94	50.804	33.28	8.50	8.03	11.6	3.621	99.1
546	7/5/2012 2:46:33	12.64	50.827	33.29	8.66	8.05	8.4	3.505	100.3
547	7/5/2012 3:01:33	13.77	50.658	33.21	7.90	8.02	10.4	3.385	93.7
548	7/5/2012 3:16:33	13.99	50.669	33.22	7.78	8.02	10.7	3.246	92.6
549	7/5/2012 3:31:33	14.17	50.650	33.22	7.95	8.03	19.6	3.108	95.1
550	7/5/2012 3:46:33	14.27	50.603	33.18	7.87	8.03	15.2	2.979	94.3
551	7/5/2012 4:01:33	14.34	50.741	33.29	7.81	8.02	12.3	2.842	93.7
552	7/5/2012 4:16:33	15.04	50.616	33.21	7.47	8.01	14.5	2.694	90.9
553	7/5/2012 4:31:33	15.30	50.665	33.26	7.35	8.01	15.0	2.529	90.0
554	7/5/2012 4:46:33	15.08	50.676	33.26	7.40	8.00	17.1	2.382	90.1
555	7/5/2012 5:01:33	15.29	50.630	33.23	7.26	8.00	13.2	2.236	88.8
556	7/5/2012 5:16:33	15.34	50.637	33.24	7.18	7.98	16.0	2.050	87.8
557	7/5/2012 5:31:33	15.49	50.630	33.24	7.02	7.97	13.6	1.896	86.2
558	7/5/2012 5:46:33	15.91	50.559	33.19	6.94	7.98	13.4	1.729	85.9
559	7/5/2012 6:01:32	16.24	50.537	33.18	6.92	7.99	12.4	1.561	86.2
560	7/5/2012 6:16:33	16.38	50.534	33.18	6.92	7.99	11.6	1.384	86.5
561	7/5/2012 6:31:33	16.68	50.508	33.17	6.73	7.99	12.2	1.223	84.5
562	7/5/2012 6:46:33	16.67	50.511	33.17	6.77	7.99	21.9	1.081	85.1
563	7/5/2012 7:01:33	16.94	50.503	33.17	6.56	7.99	35.1	0.951	82.9
564	7/5/2012 7:16:33	16.90	50.502	33.16	6.70	8.00	11.5	0.828	84.5
565	7/5/2012 7:31:33	16.68	50.515	33.17	6.31	7.96	9.9	0.793	79.3
566	7/5/2012 7:46:33	17.04	50.485	33.15	6.88	8.00	11.4	0.808	87.0
567	7/5/2012 8:01:33	17.04	50.510	33.17	6.84	8.01	16.3	0.885	86.5
568	7/5/2012 8:16:33	17.25	50.487	33.16	6.89	8.01	180.4	0.990	87.5
569	7/5/2012 8:31:33	17.66	50.460	33.14	6.74	8.01	140.1	1.103	86.2
570	7/5/2012 8:46:33	17.69	50.468	33.15	6.75	8.01	85.1	1.194	86.4
571	7/5/2012 9:01:33	17.71	50.196	32.95	6.68	7.99	115.1	1.256	85.5
572	7/5/2012 9:16:33	17.64	50.229	32.97	6.65	8.00	90.8	1.341	85.0
573	7/5/2012 9:31:33	17.60	50.241	32.98	6.66	7.99	88.3	1.412	85.1
574	7/5/2012 9:46:33	17.50	50.237	32.98	6.71	7.99	102.1	1.513	85.5
575	7/5/2012 10:01:33	17.33	50.273	33.00	6.80	7.99	14.5	1.611	86.5
576	7/5/2012 10:16:32	17.11	50.350	33.06	6.82	7.99	14.8	1.705	86.3
577	7/5/2012 10:31:33	17.01	50.385	33.08	6.82	7.99	14.1	1.825	86.2
578	7/5/2012 10:46:33	16.85	50.425	33.11	6.89	8.00	18.3	1.951	86.8
579	7/5/2012 11:01:32	16.60	50.453	33.12	7.09	8.01	17.2	2.068	89.0
580	7/5/2012 11:16:33	16.47	50.492	33.15	7.19	8.02	15.0	2.192	89.9
581	7/5/2012 11:31:33	16.33	50.524	33.17	7.14	8.01	15.3	2.318	89.1
582	7/5/2012 11:46:33	16.24	50.506	33.16	7.19	8.01	16.7	2.437	89.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
583	7/5/2012 12:01:33	16.09	50.502	33.15	7.31	8.01	16.7	2.555	90.8
584	7/5/2012 12:16:33	15.86	50.505	33.15	7.26	8.01	16.6	2.658	89.8
585	7/5/2012 12:31:33	15.44	50.489	33.13	7.29	8.00	18.3	2.761	89.4
586	7/5/2012 12:46:33	15.00	50.554	33.17	7.45	8.00	22.9	2.858	90.5
587	7/5/2012 13:01:33	14.21	50.647	33.21	7.83	8.01	17.8	2.961	93.7
588	7/5/2012 13:16:33	14.02	50.677	33.23	7.91	8.02	21.5	3.049	94.2
589	7/5/2012 13:31:33	13.86	50.705	33.25	8.00	8.03	16.8	3.132	95.1
590	7/5/2012 13:46:33	13.58	50.739	33.26	7.98	8.02	11.7	3.217	94.3
591	7/5/2012 14:01:33	13.03	50.823	33.30	8.16	8.02	10.8	3.296	95.4
592	7/5/2012 14:16:33	12.58	50.904	33.34	8.30	8.03	9.1	3.354	96.1
593	7/5/2012 14:31:33	12.38	50.918	33.34	8.37	8.03	11.9	3.406	96.6
594	7/5/2012 14:46:33	12.27	50.941	33.35	8.43	8.04	5.6	3.441	97.0
595	7/5/2012 15:01:33	12.56	50.749	33.23	8.46	8.02	5.4	3.450	97.9
596	7/5/2012 15:16:33	12.59	50.891	33.33	8.11	8.02	5.3	3.417	93.9
597	7/5/2012 15:31:33	12.41	50.889	33.32	8.37	8.03	6.0	3.375	96.6
598	7/5/2012 15:46:33	12.65	50.822	33.28	8.35	8.03	8.3	3.310	96.8
599	7/5/2012 16:01:33	14.43	50.635	33.21	8.56	8.08	12.5	3.225	102.9
600	7/5/2012 16:16:33	14.45	50.684	33.25	8.40	8.06	10.4	3.116	101.0
601	7/5/2012 16:31:33	14.24	50.703	33.26	8.82	8.09	11.7	3.017	105.6
602	7/5/2012 16:46:33	15.05	50.535	33.16	8.44	8.07	10.7	2.922	102.6
603	7/5/2012 17:01:33	15.32	50.549	33.17	8.24	8.06	11.1	2.809	100.8
604	7/5/2012 17:16:33	15.21	50.740	33.31	8.73	8.12	9.4	2.717	106.6
605	7/5/2012 17:31:33	15.50	50.645	33.25	9.27	8.15	9.2	2.622	113.9
606	7/5/2012 17:46:32	15.86	50.533	33.17	9.32	8.15	9.0	2.526	115.2
607	7/5/2012 18:01:33	16.02	50.600	33.22	9.15	8.15	7.1	2.444	113.5
608	7/5/2012 18:16:33	16.15	50.661	33.27	9.02	8.15	7.7	2.359	112.2
609	7/5/2012 18:31:33	16.50	50.432	33.11	8.92	8.15	11.1	2.269	111.6
610	7/5/2012 18:46:32	16.43	50.553	33.20	9.77	8.19	8.3	2.194	122.1
611	7/5/2012 19:01:32	16.73	50.423	33.10	9.47	8.17	14.0	2.142	119.1
612	7/5/2012 19:16:32	17.11	50.403	33.09	9.37	8.15	16.9	2.072	118.7
613	7/5/2012 19:31:33	17.29	50.482	33.15	8.93	8.14	18.7	2.028	113.5
614	7/5/2012 19:46:32	17.58	50.379	33.08	8.86	8.14	12.1	2.013	113.2
615	7/5/2012 20:01:32	17.67	50.390	33.09	8.03	8.09	7.6	2.018	102.8
616	7/5/2012 20:16:33	17.52	50.447	33.13	7.36	8.06	8.3	2.024	94.0
617	7/5/2012 20:31:32	17.69	50.441	33.13	7.73	8.06	6.4	2.057	99.0
618	7/5/2012 20:46:32	17.59	50.438	33.12	7.21	8.03	7.6	2.116	92.1
619	7/5/2012 21:01:33	17.58	50.448	33.13	7.11	8.02	8.1	2.188	90.9
620	7/5/2012 21:16:33	17.35	50.441	33.13	7.16	8.01	8.8	2.266	91.1
621	7/5/2012 21:31:33	17.38	50.398	33.09	7.35	8.02	9.9	2.356	93.5
622	7/5/2012 21:46:32	17.06	50.469	33.14	7.56	8.03	9.4	2.445	95.7
623	7/5/2012 22:01:33	16.79	50.500	33.16	7.38	8.03	8.7	2.535	92.9
624	7/5/2012 22:16:33	16.47	50.534	33.18	7.57	8.04	9.2	2.618	94.7
625	7/5/2012 22:31:33	15.86	50.599	33.22	7.59	8.02	10.4	2.706	93.9
626	7/5/2012 22:46:33	15.65	50.581	33.20	7.55	8.02	9.0	2.798	93.0
627	7/5/2012 23:01:33	15.42	50.611	33.22	7.71	8.03	7.9	2.881	94.5
628	7/5/2012 23:16:33	15.25	50.621	33.22	7.77	8.03	8.4	2.973	95.0
629	7/5/2012 23:31:33	14.86	50.672	33.25	7.83	8.03	8.7	3.068	95.0
630	7/5/2012 23:46:33	14.54	50.692	33.26	8.02	8.03	9.8	3.158	96.6
631	7/6/2012 0:01:33	14.13	50.728	33.27	8.12	8.03	9.2	3.249	97.1
632	7/6/2012 0:16:33	13.59	50.783	33.29	8.21	8.03	10.6	3.338	97.1
633	7/6/2012 0:31:33	13.26	50.825	33.31	8.35	8.03	9.8	3.437	98.1
634	7/6/2012 0:46:33	12.94	50.880	33.34	8.46	8.03	10.1	3.518	98.7
635	7/6/2012 1:01:33	12.60	50.934	33.36	8.53	8.04	9.9	3.590	98.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH	NTU		
636	7/6/2012 1:16:33	12.37	50.961	33.37	8.79	8.05	8.7	3.663	101.4
637	7/6/2012 1:31:33	12.22	50.986	33.38	8.95	8.06	5.1	3.722	103.0
638	7/6/2012 1:46:33	12.16	50.981	33.38	8.99	8.06	5.2	3.764	103.2
639	7/6/2012 2:01:33	12.16	50.965	33.37	8.78	8.05	3.7	3.781	100.8
640	7/6/2012 2:16:33	12.38	50.976	33.39	7.68	8.00	4.7	3.786	88.6
641	7/6/2012 2:31:33	12.35	50.984	33.39	8.60	8.06	4.5	3.767	99.2
642	7/6/2012 2:46:33	12.19	50.990	33.39	8.96	8.06	7.4	3.712	103.0
643	7/6/2012 3:01:33	12.34	50.916	33.34	9.04	8.06	8.7	3.641	104.2
644	7/6/2012 3:16:33	13.10	50.845	33.32	8.36	8.03	13.9	3.539	97.8
645	7/6/2012 3:31:33	12.85	50.887	33.34	8.42	8.02	8.8	3.439	98.0
646	7/6/2012 3:46:33	13.66	50.751	33.27	8.06	8.02	10.7	3.322	95.4
647	7/6/2012 4:01:33	14.08	50.743	33.28	7.87	8.02	20.0	3.194	94.0
648	7/6/2012 4:16:33	14.24	50.710	33.26	7.91	8.03	12.3	3.072	94.7
649	7/6/2012 4:31:33	14.42	50.691	33.25	7.77	8.01	10.7	2.942	93.4
650	7/6/2012 4:46:33	14.99	50.549	33.16	7.54	8.01	9.8	2.820	91.6
651	7/6/2012 5:01:33	15.20	50.554	33.17	7.40	8.00	11.0	2.676	90.3
652	7/6/2012 5:16:33	15.36	50.605	33.21	7.30	7.99	10.1	2.539	89.3
653	7/6/2012 5:31:32	15.31	50.591	33.20	7.44	8.01	12.6	2.388	90.9
654	7/6/2012 5:46:33	15.42	50.539	33.17	7.34	8.00	20.3	2.239	89.9
655	7/6/2012 6:01:32	15.48	50.577	33.20	7.21	7.99	16.5	2.100	88.5
656	7/6/2012 6:16:33	15.78	50.664	33.27	7.18	7.98	13.9	1.926	88.6
657	7/6/2012 6:31:32	15.74	50.564	33.19	7.14	7.97	18.4	1.774	88.1
658	7/6/2012 6:46:33	16.04	50.528	33.17	7.22	7.98	12.3	1.628	89.6
659	7/6/2012 7:01:33	16.05	50.509	33.16	7.19	7.98	10.7	1.460	89.2
660	7/6/2012 7:16:33	16.06	50.500	33.15	7.24	7.99	11.3	1.326	89.8
661	7/6/2012 7:31:33	16.18	50.532	33.18	7.24	7.99	14.1	1.185	90.1
662	7/6/2012 7:46:33	16.39	50.433	33.11	7.19	8.00	11.7	1.076	89.8
663	7/6/2012 8:01:33	16.64	50.403	33.09	7.08	8.00	10.9	0.981	88.8
664	7/6/2012 8:16:33	16.86	50.463	33.14	7.03	8.01	8.9	0.936	88.6
665	7/6/2012 8:31:32	16.84	50.237	32.97	6.72	8.00	9.8	0.956	84.6
666	7/6/2012 8:46:32	17.21	50.459	33.14	6.79	8.01	9.2	1.008	86.2
667	7/6/2012 9:01:32	16.95	50.499	33.16	6.98	8.02	8.3	1.101	88.1
668	7/6/2012 9:16:32	17.31	50.458	33.14	7.03	8.02	8.3	1.202	89.4
669	7/6/2012 9:31:32	17.32	50.460	33.14	7.01	8.02	8.8	1.296	89.2
670	7/6/2012 9:46:33	17.30	50.333	33.04	6.92	8.01	9.8	1.367	87.9
671	7/6/2012 10:01:33	17.23	50.078	32.86	6.75	7.99	10.3	1.459	85.5
672	7/6/2012 10:16:33	17.13	50.186	32.94	6.83	7.99	10.2	1.555	86.4
673	7/6/2012 10:31:33	17.09	50.190	32.94	6.79	7.99	9.2	1.626	85.8
674	7/6/2012 10:46:33	16.88	50.311	33.02	6.92	7.99	9.3	1.729	87.1
675	7/6/2012 11:01:33	16.78	50.356	33.06	6.98	7.99	11.1	1.841	87.8
676	7/6/2012 11:16:33	16.66	50.383	33.07	6.88	7.99	10.5	1.936	86.4
677	7/6/2012 11:31:33	16.42	50.408	33.09	6.93	7.98	12.4	2.056	86.5
678	7/6/2012 11:46:33	16.26	50.495	33.15	7.07	8.00	17.7	2.172	88.1
679	7/6/2012 12:01:33	16.19	50.517	33.17	7.23	8.00	16.1	2.289	90.0
680	7/6/2012 12:16:33	16.02	50.540	33.18	7.36	8.01	19.1	2.406	91.3
681	7/6/2012 12:31:33	15.89	50.550	33.18	7.43	8.01	15.6	2.510	92.0
682	7/6/2012 12:46:33	15.82	50.501	33.15	7.51	8.01	16.9	2.623	92.8
683	7/6/2012 13:01:33	15.59	50.501	33.14	7.51	8.01	18.9	2.733	92.4
684	7/6/2012 13:16:33	15.23	50.535	33.16	7.64	8.01	20.0	2.829	93.3
685	7/6/2012 13:31:33	14.85	50.587	33.19	7.70	8.01	18.6	2.920	93.4
686	7/6/2012 13:46:33	14.04	50.687	33.24	7.97	8.01	18.6	3.013	95.1
687	7/6/2012 14:01:33	13.70	50.740	33.27	8.09	8.01	18.3	3.099	95.8
688	7/6/2012 14:16:33	13.51	50.766	33.28	8.15	8.02	17.7	3.185	96.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
689	7/6/2012 14:31:33	13.24	50.814	33.30	8.21	8.02	16.9	3.254	96.4
690	7/6/2012 14:46:33	12.94	50.840	33.31	8.19	8.02	14.3	3.334	95.5
691	7/6/2012 15:01:33	12.56	50.889	33.33	8.21	8.02	12.5	3.400	95.0
692	7/6/2012 15:16:33	12.38	50.909	33.34	8.25	8.02	9.5	3.438	95.1
693	7/6/2012 15:31:33	12.34	50.912	33.34	8.14	8.01	5.4	3.458	93.8
694	7/6/2012 15:46:33	12.55	50.838	33.29	7.69	8.01	5.3	3.476	88.9
695	7/6/2012 16:01:33	12.43	50.953	33.37	7.93	8.01	5.6	3.469	91.6
696	7/6/2012 16:16:33	12.32	50.915	33.34	8.06	8.00	8.4	3.389	92.9
697	7/6/2012 16:31:33	12.60	50.843	33.30	8.03	8.01	9.8	3.315	93.0
698	7/6/2012 16:46:33	13.90	50.645	33.20	7.89	8.01	10.6	3.245	93.9
699	7/6/2012 17:01:33	14.19	50.707	33.26	7.95	8.05	7.8	3.153	95.1
700	7/6/2012 17:16:33	14.25	50.729	33.28	8.52	8.08	6.8	3.036	102.1
701	7/6/2012 17:31:33	14.68	50.668	33.24	8.11	8.04	9.8	2.937	98.0
702	7/6/2012 17:46:33	14.88	50.706	33.28	7.45	8.02	9.2	2.855	90.3
703	7/6/2012 18:01:33	15.08	50.696	33.27	8.99	8.07	7.2	2.753	109.5
704	7/6/2012 18:16:33	15.24	50.685	33.27	9.15	8.12	7.2	2.654	111.8
705	7/6/2012 18:31:33	15.52	50.700	33.29	9.68	8.17	7.5	2.567	118.9
706	7/6/2012 18:46:32	15.76	50.672	33.27	10.01	8.18	6.6	2.479	123.6
707	7/6/2012 19:01:32	15.83	50.620	33.23	9.14	8.16	6.8	2.390	113.0
708	7/6/2012 19:16:33	15.94	50.635	33.25	10.06	8.19	7.1	2.302	124.6
709	7/6/2012 19:31:33	15.98	50.632	33.25	9.80	8.14	6.4	2.221	121.5
710	7/6/2012 19:46:33	16.22	50.679	33.28	9.40	8.12	6.5	2.149	117.1
711	7/6/2012 20:01:33	16.42	50.582	33.22	9.69	8.18	7.7	2.085	121.1
712	7/6/2012 20:16:33	16.51	50.553	33.20	9.39	8.18	7.8	2.028	117.6
713	7/6/2012 20:31:33	16.74	50.515	33.17	9.30	8.17	6.8	2.004	116.9
714	7/6/2012 20:46:33	16.87	50.505	33.17	8.81	8.14	6.8	1.986	111.0
715	7/6/2012 21:01:33	16.65	50.617	33.25	8.51	8.13	5.7	1.984	106.9
716	7/6/2012 21:16:33	17.02	50.469	33.14	7.99	8.07	6.3	2.010	101.1
717	7/6/2012 21:31:33	17.04	50.470	33.14	8.03	8.06	6.5	2.050	101.5
718	7/6/2012 21:46:33	17.18	50.444	33.12	8.05	8.06	10.1	2.116	102.0
719	7/6/2012 22:01:32	17.16	50.443	33.12	8.13	8.06	10.1	2.187	103.0
720	7/6/2012 22:16:33	17.12	50.380	33.08	8.20	8.06	20.2	2.270	103.8
721	7/6/2012 22:31:33	17.16	50.346	33.05	8.15	8.06	10.4	2.352	103.3
722	7/6/2012 22:46:33	16.88	50.422	33.11	8.14	8.05	9.3	2.433	102.7
723	7/6/2012 23:01:33	16.67	50.446	33.12	8.20	8.06	9.3	2.525	103.0
724	7/6/2012 23:16:33	16.38	50.490	33.15	8.21	8.05	8.7	2.596	102.5
725	7/6/2012 23:31:33	15.68	50.555	33.18	8.04	8.03	8.9	2.674	99.1
726	7/6/2012 23:46:33	15.49	50.579	33.20	8.04	8.03	8.9	2.752	98.8
727	7/7/2012 0:01:33	15.29	50.596	33.21	8.07	8.03	8.4	2.830	98.7
728	7/7/2012 0:16:33	15.13	50.361	33.03	8.12	8.03	8.4	2.921	98.8
729	7/7/2012 0:31:33	14.84	50.418	33.06	8.18	8.03	8.9	2.986	99.0
730	7/7/2012 0:46:33	14.50	50.472	33.09	8.20	8.03	10.6	3.075	98.7
731	7/7/2012 1:01:33	14.28	50.521	33.12	8.21	8.03	10.5	3.168	98.3
732	7/7/2012 1:16:33	13.88	50.530	33.12	8.26	8.02	10.6	3.231	98.1
733	7/7/2012 1:31:33	13.48	50.652	33.19	8.26	8.02	10.6	3.312	97.3
734	7/7/2012 1:46:33	13.22	50.625	33.16	8.31	8.02	10.1	3.392	97.4
735	7/7/2012 2:01:33	12.87	50.740	33.23	8.43	8.02	8.1	3.456	98.1
736	7/7/2012 2:16:33	12.60	50.741	33.22	8.50	8.02	7.0	3.507	98.4
737	7/7/2012 2:31:33	12.47	50.727	33.21	8.63	8.03	5.8	3.554	99.7
738	7/7/2012 2:46:33	12.39	50.762	33.23	8.52	8.02	4.7	3.581	98.3
739	7/7/2012 3:01:33	12.75	51.034	33.44	7.97	8.00	4.1	3.590	92.7
740	7/7/2012 3:16:33	12.81	50.676	33.19	7.45	7.98	4.2	3.573	86.6
741	7/7/2012 3:31:33	12.48	50.770	33.24	8.38	8.02	5.7	3.529	96.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
742	7/7/2012 3:46:33	12.60	50.688	33.18	8.28	8.01	5.1	3.471	95.8
743	7/7/2012 4:01:33	13.43	50.845	33.33	7.88	8.00	5.8	3.396	92.9
744	7/7/2012 4:16:33	13.84	50.836	33.34	7.69	7.98		3.287	91.4
745	7/7/2012 4:31:33	13.43	50.892	33.37	7.93	7.99	25.6	3.192	93.5
746	7/7/2012 4:46:33	14.25	50.518	33.12	7.71	7.99		3.079	92.2
747	7/7/2012 5:01:33	14.57	50.501	33.12	7.60	8.00	7.1	2.966	91.5
748	7/7/2012 5:16:33	14.73	50.565	33.17	7.52	8.00	7.8	2.857	90.9
749	7/7/2012 5:31:33	15.30	50.373	33.04	7.25	7.98	18.4	2.733	88.5
750	7/7/2012 5:46:33	15.63	50.419	33.08	7.12	7.98	15.5	2.608	87.6
751	7/7/2012 6:01:33	15.67	50.370	33.05	7.17	7.99	16.9	2.497	88.3
752	7/7/2012 6:16:33	15.41	50.410	33.07	7.24	7.98	16.1	2.362	88.6
753	7/7/2012 6:31:33	15.53	50.408	33.07	7.29	7.98	12.3	2.220	89.5
754	7/7/2012 6:46:33	15.34	50.442	33.09	7.34	7.98	11.2	2.090	89.7
755	7/7/2012 7:01:33	15.67	50.386	33.06	7.22	7.98	9.5	1.954	88.9
756	7/7/2012 7:16:33	15.73	50.395	33.07	7.20	7.98	9.3	1.813	88.8
757	7/7/2012 7:31:33	15.85	50.387	33.06	7.27	7.98	8.9	1.686	89.8
758	7/7/2012 7:46:33	15.98	50.376	33.06	7.36	7.99	9.2	1.547	91.1
759	7/7/2012 8:01:32	16.24	50.347	33.04	7.36	8.00	9.7	1.435	91.7
760	7/7/2012 8:16:33	16.39	50.409	33.09	7.37	8.00	14.8	1.324	92.1
761	7/7/2012 8:31:33	16.53	50.443	33.12	7.41	8.02	14.7	1.250	92.8
762	7/7/2012 8:46:33	16.62	50.325	33.03	7.39	8.02	9.8	1.202	92.7
763	7/7/2012 9:01:33	16.63	50.663	33.28	7.01	8.01	8.2	1.178	88.1
764	7/7/2012 9:16:33	16.70	50.479	33.15	7.44	8.02	8.9	1.180	93.4
765	7/7/2012 9:31:33	16.89	50.345	33.05	7.44	8.02	8.6	1.242	93.7
766	7/7/2012 9:46:33	16.88	50.312	33.03	7.39	8.02	9.2	1.299	93.1
767	7/7/2012 10:01:32	16.98	50.311	33.03	7.35	8.02	9.6	1.357	92.8
768	7/7/2012 10:16:33	16.95	50.330	33.04	7.39	8.02	10.4	1.453	93.2
769	7/7/2012 10:31:32	16.95	49.941	32.75	7.22	8.00	12.2	1.535	90.9
770	7/7/2012 10:46:33	16.91	50.094	32.87	7.18	8.00	11.9	1.612	90.4
771	7/7/2012 11:01:33	16.80	50.195	32.94	7.20	8.00	10.6	1.706	90.5
772	7/7/2012 11:16:33	16.70	50.140	32.90	7.24	8.00	10.4	1.796	90.9
773	7/7/2012 11:31:33	16.61	50.254	32.98	7.27	8.00	10.0	1.894	91.1
774	7/7/2012 11:46:33	16.52	51.367	33.80	7.25	8.00	9.8	1.991	91.2
775	7/7/2012 12:01:33	16.29	50.273	32.99	7.33	8.00	10.8	2.094	91.3
776	7/7/2012 12:16:33	16.15	50.259	32.98	7.42	8.00	10.2	2.200	92.2
777	7/7/2012 12:31:33	16.09	50.508	33.16	7.47	8.00	10.5	2.309	92.8
778	7/7/2012 12:46:33	16.05	50.468	33.13	7.52	8.01	10.8	2.418	93.3
779	7/7/2012 13:01:33	15.94	50.358	33.04	7.60	8.01	12.5	2.524	94.0
780	7/7/2012 13:16:33	15.87	50.322	33.02	7.66	8.01	12.0	2.627	94.6
781	7/7/2012 13:31:33	15.63	50.333	33.02	7.65	8.01	12.6	2.723	94.1
782	7/7/2012 13:46:33	15.33	50.368	33.04	7.74	8.00	15.7	2.822	94.7
783	7/7/2012 14:01:33	15.04	50.398	33.05	7.83	8.00	15.1	2.918	95.2
784	7/7/2012 14:16:33	14.62	50.431	33.07	7.96	8.00	14.8	3.012	96.0
785	7/7/2012 14:31:33	14.03	50.520	33.12	8.12	8.01	14.8	3.107	96.7
786	7/7/2012 14:46:33	13.63	50.549	33.12	8.30	8.01	14.4	3.185	98.0
787	7/7/2012 15:01:33	13.41	50.584	33.14	8.38	8.02	13.0	3.272	98.6
788	7/7/2012 15:16:33	13.17	50.623	33.16	8.42	8.02	12.1	3.349	98.6
789	7/7/2012 15:31:33	12.70	50.683	33.19	8.39	8.01	10.5	3.414	97.3
790	7/7/2012 15:46:33	12.12	50.791	33.24	8.36	8.00	8.3	3.472	95.9
791	7/7/2012 16:01:33	11.95	50.793	33.23	8.40	8.00	5.9	3.509	95.9
792	7/7/2012 16:16:33	11.83	50.916	33.31	8.25	8.00	4.2	3.525	94.1
793	7/7/2012 16:31:33	12.47	51.034	33.43	8.17	8.00	6.1	3.523	94.5
794	7/7/2012 16:46:33	12.09	50.772	33.22	8.14	8.00	5.4	3.498	93.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
795	7/7/2012 17:01:33	12.20	51.001	33.40	8.18	8.00	5.5	3.433	94.0
796	7/7/2012 17:16:33	14.07	50.539	33.13	8.58	8.06	6.7	3.357	102.3
797	7/7/2012 17:31:33	14.12	50.516	33.12	8.52	8.06	7.4	3.273	101.7
798	7/7/2012 17:46:33	14.72	50.528	33.14	9.17	8.11	6.6	3.176	110.8
799	7/7/2012 18:01:33	14.61	50.520	33.13	8.86	8.08	6.4	3.078	106.8
800	7/7/2012 18:16:33	15.14	50.531	33.15	8.91	8.09	8.4	2.964	108.5
801	7/7/2012 18:31:33	15.29	50.419	33.08	8.57	8.08	7.8	2.875	104.8
802	7/7/2012 18:46:33	15.66	50.373	33.05	8.63	8.08	6.6	2.788	106.2
803	7/7/2012 19:01:33	15.92	50.384	33.06	8.78	8.10	5.9	2.688	108.6
804	7/7/2012 19:16:32	15.66	50.493	33.14	9.23	8.12	6.0	2.592	113.6
805	7/7/2012 19:31:33	15.92	50.488	33.14	9.14	8.11	5.9	2.520	113.1
806	7/7/2012 19:46:33	16.17	50.401	33.08	9.02	8.11	6.8	2.427	112.1
807	7/7/2012 20:01:32	16.78	50.322	33.03	8.86	8.11	6.2	2.339	111.4
808	7/7/2012 20:16:33	16.56	50.415	33.10	8.83	8.10	6.8	2.259	110.7
809	7/7/2012 20:31:33	16.65	50.359	33.06	8.88	8.10	6.0	2.180	111.4
810	7/7/2012 20:46:33	17.07	50.373	33.07	8.74	8.11	6.1	2.131	110.6
811	7/7/2012 21:01:33	17.48	50.321	33.04	8.65	8.11	6.3	2.067	110.2
812	7/7/2012 21:16:33	17.63	50.389	33.09	8.54	8.11	5.7	2.008	109.2
813	7/7/2012 21:31:33	17.78	50.590	33.24	8.44	8.10	5.7	1.999	108.3
814	7/7/2012 21:46:32	17.70	50.599	33.24	8.15	8.07	5.7	2.004	104.5
815	7/7/2012 22:01:32	17.59	50.582	33.23	8.62	8.10	6.4	2.008	110.3
816	7/7/2012 22:16:32	17.64	50.576	33.23	8.59	8.09	5.9	2.026	109.9
817	7/7/2012 22:31:33	17.46	50.575	33.22	8.51	8.08	7.3	2.088	108.6
818	7/7/2012 22:46:33	17.44	50.561	33.21	8.45	8.08	7.0	2.146	107.8
819	7/7/2012 23:01:33	17.31	50.566	33.22	8.36	8.07	7.4	2.214	106.3
820	7/7/2012 23:16:33	17.50	50.484	33.16	8.32	8.06	8.4	2.289	106.2
821	7/7/2012 23:31:33	17.27	50.516	33.18	8.32	8.06	7.6	2.364	105.8
822	7/7/2012 23:46:33	17.01	50.554	33.20	8.34	8.06	8.1	2.447	105.4
823	7/8/2012 0:01:33	16.79	50.570	33.21	8.30	8.05	7.0	2.517	104.6
824	7/8/2012 0:16:33	16.50	50.598	33.23	8.28	8.05	8.4	2.589	103.7
825	7/8/2012 0:31:33	16.05	50.635	33.25	8.10	8.03	6.9	2.650	100.5
826	7/8/2012 0:46:33	15.68	50.663	33.26	8.00	8.02	6.6	2.723	98.6
827	7/8/2012 1:01:33	15.56	50.678	33.27	7.99	8.02	7.0	2.798	98.3
828	7/8/2012 1:16:33	15.39	50.699	33.28	8.04	8.02	6.6	2.863	98.5
829	7/8/2012 1:31:33	15.23	50.454	33.10	8.11	8.02	6.9	2.936	99.0
830	7/8/2012 1:46:33	14.95	50.478	33.11	8.13	8.02	6.5	3.003	98.7
831	7/8/2012 2:01:33	14.62	50.540	33.15	8.15	8.02	6.9	3.079	98.3
832	7/8/2012 2:16:33	14.40	50.693	33.25	8.11	8.02	6.4	3.135	97.5
833	7/8/2012 2:31:33	14.09	50.583	33.16	8.16	8.01	7.6	3.206	97.3
834	7/8/2012 2:46:33	13.79	50.533	33.12	8.19	8.01	5.7	3.268	97.1
835	7/8/2012 3:01:33	13.47	50.556	33.12	8.21	8.01	6.1	3.316	96.7
836	7/8/2012 3:16:33	13.39	50.635	33.18	8.18	8.00	5.7	3.359	96.2
837	7/8/2012 3:31:33	13.32	50.669	33.20	8.09	8.00	4.7	3.391	95.1
838	7/8/2012 3:46:33	13.13	50.946	33.39	7.94	7.99	4.3	3.413	93.0
839	7/8/2012 4:01:33	13.48	50.903	33.38	7.91	8.00	11.6	3.399	93.3
840	7/8/2012 4:16:33	13.25	50.911	33.37	7.97	8.00	4.8	3.377	93.6
841	7/8/2012 4:31:33	13.22	50.929	33.39	7.97	8.00	5.3	3.339	93.6
842	7/8/2012 4:46:33	13.64	50.852	33.35	7.74	7.99	4.3	3.263	91.6
843	7/8/2012 5:01:33	14.77	50.754	33.31	7.39	7.98	5.1	3.197	89.5
844	7/8/2012 5:16:33	14.53	50.522	33.13	7.63	7.99	5.4	3.103	91.9
845	7/8/2012 5:31:33	14.37	50.658	33.23	7.56	7.98	5.3	3.002	90.7
846	7/8/2012 5:46:33	14.81	50.512	33.13	7.48	7.98	5.7	2.907	90.5
847	7/8/2012 6:01:33	15.12	50.451	33.10	7.48	7.99	6.8	2.803	91.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
848	7/8/2012 6:16:33	15.45	50.438	33.09	7.34	7.98	6.2	2.698	90.0
849	7/8/2012 6:31:33	15.66	50.500	33.14	7.06	7.97	5.8	2.596	87.0
850	7/8/2012 6:46:33	15.31	51.281	33.71	6.97	7.95	5.6	2.482	85.5
851	7/8/2012 7:01:33	15.62	50.623	33.23	7.10	7.96	6.7	2.380	87.4
852	7/8/2012 7:16:33	15.72	50.652	33.26	7.16	7.97	6.7	2.263	88.3
853	7/8/2012 7:31:33	15.80	50.652	33.26	7.26	7.98	7.5	2.139	89.7
854	7/8/2012 7:46:33	16.06	50.382	33.06	7.35	7.99	7.5	2.026	91.1
855	7/8/2012 8:01:33	16.19	50.389	33.07	7.41	7.99	6.5	1.919	92.2
856	7/8/2012 8:16:33	16.34	50.384	33.07	7.51	8.00	6.9	1.804	93.6
857	7/8/2012 8:31:33	16.56	50.353	33.05	7.58	8.01	6.4	1.700	95.0
858	7/8/2012 8:46:33	16.92	50.291	33.01	7.60	8.02	6.1	1.630	95.9
859	7/8/2012 9:01:32	16.96	50.366	33.07	7.63	8.02	5.8	1.531	96.3
860	7/8/2012 9:16:33	17.38	50.424	33.11	7.54	8.04	5.6	1.484	96.0
861	7/8/2012 9:31:33	17.30	50.531	33.19	7.33	8.03	5.3	1.460	93.2
862	7/8/2012 9:46:33	17.50	50.517	33.18	7.31	8.02	5.6	1.440	93.2
863	7/8/2012 10:01:33	17.42	50.575	33.22	7.59	8.02	5.6	1.457	96.7
864	7/8/2012 10:16:33	17.43	50.552	33.21	7.60	8.03	5.4	1.489	96.9
865	7/8/2012 10:31:33	17.39	50.559	33.21	7.59	8.03	5.9	1.539	96.7
866	7/8/2012 10:46:33	17.41	50.525	33.19	7.59	8.02	6.0	1.615	96.8
867	7/8/2012 11:01:33	17.35	50.554	33.21	7.54	8.02	5.7	1.676	95.9
868	7/8/2012 11:16:33	17.56	50.261	32.99	7.30	8.00	7.6	1.761	93.1
869	7/8/2012 11:31:33	17.42	50.325	33.04	7.26	7.99	7.5	1.851	92.4
870	7/8/2012 11:46:33	17.24	50.397	33.09	7.29	8.00	7.3	1.927	92.5
871	7/8/2012 12:01:33	17.09	50.483	33.15	7.38	8.00	7.3	2.013	93.5
872	7/8/2012 12:16:33	17.01	50.502	33.17	7.38	8.00	7.0	2.108	93.3
873	7/8/2012 12:31:33	16.82	50.522	33.18	7.33	7.99	7.8	2.196	92.3
874	7/8/2012 12:46:33	16.61	50.552	33.20	7.39	7.99	7.0	2.289	92.7
875	7/8/2012 13:01:33	16.39	50.591	33.22	7.47	8.00	7.6	2.389	93.4
876	7/8/2012 13:16:33	16.32	50.615	33.24	7.51	8.00	7.8	2.479	93.7
877	7/8/2012 13:31:33	16.25	50.623	33.24	7.56	8.00	8.1	2.576	94.2
878	7/8/2012 13:46:32	16.07	50.643	33.26	7.59	8.00	10.4	2.677	94.3
879	7/8/2012 14:01:33	15.81	50.621	33.23	7.61	7.99	10.0	2.757	94.1
880	7/8/2012 14:16:33	15.63	50.645	33.25	7.62	7.99	10.2	2.852	93.8
881	7/8/2012 14:31:33	15.15	50.656	33.25	7.76	7.99	11.9	2.943	94.7
882	7/8/2012 14:46:33	14.88	50.696	33.27	7.84	7.99	11.6	3.030	95.1
883	7/8/2012 15:01:33	14.51	50.736	33.29	7.92	7.99	10.0	3.118	95.4
884	7/8/2012 15:16:33	13.80	50.797	33.31	8.09	7.99	10.4	3.200	96.0
885	7/8/2012 15:31:33	13.34	50.846	33.33	8.20	8.00	8.6	3.279	96.5
886	7/8/2012 15:46:33	13.03	50.893	33.35	8.36	8.01	7.3	3.355	97.7
887	7/8/2012 16:01:33	12.76	50.941	33.38	8.54	8.02	5.9	3.416	99.3
888	7/8/2012 16:16:33	12.56	50.962	33.38	8.71	8.03	4.8	3.477	100.9
889	7/8/2012 16:31:33	12.46	50.975	33.39	8.79	8.03	4.4	3.520	101.5
890	7/8/2012 16:46:33	12.41	50.974	33.38	8.85	8.04	3.7	3.540	102.1
891	7/8/2012 17:01:33	12.80	50.933	33.37	8.39	8.02	4.1	3.551	97.6
892	7/8/2012 17:16:33	12.71	51.010	33.42	7.99	8.02	3.3	3.540	92.8
893	7/8/2012 17:31:33	12.61	50.940	33.37	8.61	8.03	7.0	3.496	99.8
894	7/8/2012 17:46:33	12.69	50.941	33.37	8.54	8.03	6.1	3.444	99.1
895	7/8/2012 18:01:33	14.07	50.771	33.30	8.42	8.05	6.2	3.372	100.6
896	7/8/2012 18:16:33	14.19	50.765	33.30	8.29	8.03	7.2	3.282	99.2
897	7/8/2012 18:31:33	14.73	50.751	33.31	8.86	8.09	5.3	3.193	107.2
898	7/8/2012 18:46:33	14.42	50.782	33.32	8.60	8.06	6.1	3.101	103.4
899	7/8/2012 19:01:33	15.00	50.710	33.28	8.49	8.06	6.2	3.003	103.2
900	7/8/2012 19:16:33	15.27	50.680	33.27	8.26	8.05	6.2	2.909	101.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
901	7/8/2012 19:31:33	15.40	50.662	33.26	8.21	8.05	6.2	2.826	100.6
902	7/8/2012 19:46:33	15.49	50.667	33.26	8.37	8.06	5.8	2.734	102.7
903	7/8/2012 20:01:32	15.27	50.641	33.24	8.56	8.07	6.8	2.647	104.6
904	7/8/2012 20:16:33	15.79	50.671	33.27	8.29	8.06	13.7	2.567	102.5
905	7/8/2012 20:31:33	16.09	50.723	33.31	8.20	8.05	5.4	2.481	101.9
906	7/8/2012 20:46:33	16.65	50.625	33.25	8.22	8.06	5.7	2.390	103.3
907	7/8/2012 21:01:33	16.65	50.662	33.28	8.30	8.07	6.2	2.322	104.3
908	7/8/2012 21:16:33	16.66	50.660	33.28	8.36	8.07	5.6	2.249	105.0
909	7/8/2012 21:31:32	17.31	50.609	33.25	8.32	8.08	5.7	2.183	105.9
910	7/8/2012 21:46:33	17.52	50.590	33.24	8.32	8.08	5.7	2.119	106.2
911	7/8/2012 22:01:33	17.77	50.582	33.23	8.31	8.09	5.6	2.068	106.6
912	7/8/2012 22:16:33	17.86	50.576	33.23	8.24	8.09	5.3	2.050	106.0
913	7/8/2012 22:31:32	17.87	50.565	33.22	8.22	8.08	5.3	2.012	105.7
914	7/8/2012 22:46:33	17.83	50.617	33.26	7.70	8.07	5.0	2.016	99.0
915	7/8/2012 23:01:33	17.73	50.576	33.23	8.31	8.08	5.6	2.031	106.5
916	7/8/2012 23:16:33	17.71	50.571	33.22	8.29	8.07	5.6	2.044	106.3
917	7/8/2012 23:31:33	17.62	50.576	33.23	8.24	8.07	6.2	2.095	105.4
918	7/8/2012 23:46:33	17.61	50.563	33.22	8.22	8.07	6.4	2.147	105.2
919	7/9/2012 0:01:33	17.49	50.560	33.21	8.17	8.06	6.6	2.212	104.3
920	7/9/2012 0:16:33	17.55	50.453	33.14	8.02	8.05	8.0	2.274	102.5
921	7/9/2012 0:31:33	17.56	50.435	33.12	7.98	8.04	7.2	2.346	101.9
922	7/9/2012 0:46:33	17.21	50.524	33.18	8.04	8.04	6.0	2.417	102.0
923	7/9/2012 1:01:33	17.05	50.535	33.19	8.00	8.04	5.9	2.476	101.3
924	7/9/2012 1:16:33	16.71	50.556	33.20	7.96	8.03	5.7	2.545	100.1
925	7/9/2012 1:31:33	16.45	50.585	33.22	7.90	8.02	5.5	2.604	98.8
926	7/9/2012 1:46:33	16.06	50.618	33.24	7.83	8.01	5.4	2.668	97.2
927	7/9/2012 2:01:33	15.81	50.643	33.25	7.76	8.00	5.4	2.736	95.9
928	7/9/2012 2:16:33	15.71	50.649	33.25	7.73	8.00	5.4	2.783	95.3
929	7/9/2012 2:31:33	15.52	50.664	33.26	7.82	8.00	5.3	2.852	96.0
930	7/9/2012 2:46:33	15.41	50.680	33.27	7.84	8.01	5.4	2.912	96.1
931	7/9/2012 3:01:33	15.19	50.698	33.28	7.90	8.01	5.1	2.969	96.4
932	7/9/2012 3:16:33	14.85	50.726	33.29	7.92	8.01	5.5	3.023	96.0
933	7/9/2012 3:31:33	14.70	50.727	33.29	7.95	8.01	5.1	3.069	96.1
934	7/9/2012 3:46:33	14.56	50.751	33.30	7.90	8.01	4.5	3.121	95.3
935	7/9/2012 4:01:33	14.40	50.766	33.31	7.99	8.01	3.9	3.160	96.0
936	7/9/2012 4:16:33	14.26	50.786	33.32	7.93	8.00	4.0	3.190	95.1
937	7/9/2012 4:31:33	14.13	50.865	33.37	7.43	7.99	3.3	3.210	88.8
938	7/9/2012 4:46:33	14.22	50.723	33.27	7.23	7.95	3.8	3.215	86.6
939	7/9/2012 5:01:33	14.14	50.821	33.34	7.72	8.00	4.1	3.206	92.3
940	7/9/2012 5:16:33	14.09	50.788	33.31	7.87	8.00	4.6	3.181	93.9
941	7/9/2012 5:31:33	14.25	50.764	33.30	7.84	8.00	5.2	3.142	93.9
942	7/9/2012 5:46:33	14.86	50.619	33.21	7.49	7.99	5.0	3.069	90.8
943	7/9/2012 6:01:33	14.84	50.736	33.30	7.44	7.98	5.1	3.010	90.2
944	7/9/2012 6:16:33	15.20	50.657	33.25	7.22	7.97	5.5	2.929	88.2
945	7/9/2012 6:31:33	15.35	50.680	33.27	7.12	7.96	5.2	2.839	87.2
946	7/9/2012 6:46:33	15.33	50.703	33.28	7.04	7.95	4.7	2.759	86.2
947	7/9/2012 7:01:33	15.44	50.640	33.24	6.96	7.95	5.1	2.666	85.4
948	7/9/2012 7:16:33	15.57	50.678	33.27	6.83	7.94	5.5	2.578	84.1
949	7/9/2012 7:31:33	15.68	50.699	33.29	6.69	7.92	6.0	2.488	82.5
950	7/9/2012 7:46:33	15.78	50.647	33.25	6.62	7.92	5.1	2.387	81.7
951	7/9/2012 8:01:33	15.78	50.673	33.27	6.71	7.92	5.5	2.306	82.9
952	7/9/2012 8:16:33	16.00	50.665	33.27	6.92	7.94	6.9	2.211	85.8
953	7/9/2012 8:31:33	16.46	50.628	33.25	7.12	7.97	5.7	2.120	89.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	7/9/2012 8:46:33	16.64	50.586	33.22	7.30	7.98	5.6	2.032	91.6
955	7/9/2012 9:01:33	17.05	50.602	33.24	7.28	8.00	5.3	1.947	92.2
956	7/9/2012 9:16:33	17.23	50.567	33.22	7.46	8.02	5.2	1.874	94.7
957	7/9/2012 9:31:33	17.57	50.538	33.20	7.45	8.03	5.4	1.816	95.2
958	7/9/2012 9:46:33	17.62	50.544	33.20	7.49	8.03	5.0	1.760	95.9
959	7/9/2012 10:01:33	17.71	50.534	33.20	7.16	8.01	4.5	1.718	91.7
960	7/9/2012 10:16:33	17.82	50.512	33.18	7.31	8.03	4.8	1.709	93.9
961	7/9/2012 10:31:33	17.67	50.575	33.23	6.67	8.00	4.9	1.691	85.4
962	7/9/2012 10:46:33	17.72	50.532	33.19	7.46	8.03	4.7	1.707	95.7
963	7/9/2012 11:01:33	17.66	50.535	33.20	7.48	8.02	4.9	1.741	95.8
964	7/9/2012 11:16:33	17.54	50.537	33.20	7.40	8.01	5.7	1.775	94.5
965	7/9/2012 11:31:33	17.56	50.536	33.20	7.44	8.02	5.8	1.832	95.1
966	7/9/2012 11:46:33	17.50	50.535	33.19	7.38	8.01	5.5	1.900	94.2
967	7/9/2012 12:01:33	17.55	50.385	33.09	7.21	7.99	7.4	1.975	92.1
968	7/9/2012 12:16:33	17.44	50.408	33.10	7.12	7.98	7.0	2.039	90.8
969	7/9/2012 12:31:33	17.30	50.460	33.14	7.12	7.99	7.0	2.116	90.5
970	7/9/2012 12:46:33	17.20	50.491	33.16	7.18	7.99	6.1	2.205	91.1
971	7/9/2012 13:01:33	17.09	50.513	33.17	7.16	7.98	6.8	2.281	90.7
972	7/9/2012 13:16:33	16.85	50.528	33.18	7.15	7.98	6.6	2.358	90.1
973	7/9/2012 13:31:33	16.54	50.559	33.20	7.19	7.97	6.7	2.440	90.0
974	7/9/2012 13:46:33	16.38	50.593	33.22	7.31	7.98	6.6	2.534	91.3
975	7/9/2012 14:01:33	16.24	50.606	33.23	7.28	7.98	6.8	2.611	90.8
976	7/9/2012 14:16:33	16.18	50.616	33.24	7.32	7.98	6.9	2.685	91.0
977	7/9/2012 14:31:33	16.02	50.629	33.24	7.42	7.98	6.9	2.778	92.1
978	7/9/2012 14:46:33	15.84	50.626	33.24	7.53	7.98	7.4	2.858	93.1
979	7/9/2012 15:01:33	15.59	50.538	33.17	7.58	7.98	7.6	2.934	93.2
980	7/9/2012 15:16:33	15.16	50.629	33.23	7.68	7.99	8.0	3.013	93.6
981	7/9/2012 15:31:33	14.80	50.657	33.24	7.87	7.99	8.4	3.091	95.3
982	7/9/2012 15:46:33	14.50	50.694	33.26	7.98	8.00	7.6	3.168	96.1
983	7/9/2012 16:01:33	14.19	50.729	33.27	8.13	8.00	6.8	3.240	97.3
984	7/9/2012 16:16:33	13.89	50.757	33.28	8.29	8.01	6.5	3.314	98.6
985	7/9/2012 16:31:33	13.42	50.808	33.31	8.58	8.03	5.6	3.379	101.1
986	7/9/2012 16:46:33	13.23	50.834	33.32	8.74	8.04	4.9	3.438	102.5
987	7/9/2012 17:01:33	13.12	50.855	33.33	8.79	8.04	4.0	3.483	102.9
988	7/9/2012 17:16:33	13.03	50.875	33.34	8.88	8.05	3.8	3.517	103.8
989	7/9/2012 17:31:33	12.99	50.874	33.34	8.52	8.04	2.8	3.529	99.5
990	7/9/2012 17:46:33	13.32	50.825	33.31	8.48	8.04	4.2	3.532	99.8
991	7/9/2012 18:01:33	13.02	50.880	33.34	8.74	8.05	4.0	3.515	102.2
992	7/9/2012 18:16:33	13.04	50.857	33.33	8.63	8.05	4.0	3.467	100.9
993	7/9/2012 18:31:33	13.28	50.769	33.27	8.73	8.05	12.3	3.413	102.5
994	7/9/2012 18:46:33	14.45	50.681	33.25	8.44	8.05	4.8	3.330	101.5
995	7/9/2012 19:01:33	14.73	50.698	33.27	8.40	8.06	5.3	3.253	101.6
996	7/9/2012 19:16:33	14.63	50.756	33.31	8.24	8.04	5.6	3.166	99.5
997	7/9/2012 19:31:32	14.51	50.637	33.22	8.15	8.03	5.5	3.076	98.1
998	7/9/2012 19:46:33	14.88	50.677	33.26	8.11	8.03	5.6	2.989	98.4
999	7/9/2012 20:01:33	14.78	50.676	33.25	8.22	8.04	5.1	2.900	99.5
1000	7/9/2012 20:16:33	14.94	50.660	33.24	8.17	8.04	5.1	2.816	99.2
1001	7/9/2012 20:31:33	15.22	50.606	33.21	8.07	8.04	5.7	2.739	98.6
1002	7/9/2012 20:46:33	15.24	50.632	33.23	8.02	8.04	5.3	2.648	98.0
1003	7/9/2012 21:01:33	15.59	50.570	33.19	7.86	8.03	5.6	2.569	96.7
1004	7/9/2012 21:16:33	15.50	50.549	33.18	7.85	8.03	5.2	2.486	96.4
1005	7/9/2012 21:31:33	15.63	50.700	33.29	7.67	8.02	5.7	2.401	94.4
1006	7/9/2012 21:46:32	15.76	50.702	33.29	7.62	8.01	5.7	2.331	94.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1007	7/9/2012 22:01:33	16.16	50.506	33.16	7.58	8.01	7.1	2.247	94.3
1008	7/9/2012 22:16:33	16.17	50.625	33.24	7.57	8.01	5.8	2.176	94.2
1009	7/9/2012 22:31:33	16.44	50.542	33.19	7.54	8.01	5.3	2.116	94.3
1010	7/9/2012 22:46:33	16.66	50.507	33.17	7.59	8.02	5.3	2.063	95.3
1011	7/9/2012 23:01:32	16.83	50.561	33.21	7.61	8.02	5.0	2.011	95.9
1012	7/9/2012 23:16:32	17.06	50.561	33.21	7.75	8.04	4.9	1.982	98.1
1013	7/9/2012 23:31:32	17.26	50.512	33.18	7.71	8.04	4.4	1.974	98.0
1014	7/9/2012 23:46:32	17.22	50.583	33.23	7.04	8.01	4.3	1.969	89.4
1015	7/10/2012 0:01:33	17.14	50.569	33.22	7.40	7.98	4.5	1.969	93.8
1016	7/10/2012 0:16:33	17.35	50.561	33.21	8.05	8.07	5.2	2.005	102.5
1017	7/10/2012 0:31:33	17.28	50.559	33.21	8.00	8.06	6.0	2.050	101.7
1018	7/10/2012 0:46:33	17.26	50.555	33.21	8.00	8.06	6.2	2.092	101.6
1019	7/10/2012 1:01:32	17.14	50.556	33.21	7.88	8.05	6.7	2.146	99.9
1020	7/10/2012 1:16:33	17.11	50.477	33.15	7.79	8.04	7.6	2.212	98.7
1021	7/10/2012 1:31:33	17.13	50.439	33.12	7.68	8.03	7.6	2.267	97.3
1022	7/10/2012 1:46:33	16.97	50.508	33.17	7.73	8.03	5.9	2.327	97.6
1023	7/10/2012 2:01:33	16.87	50.526	33.18	7.70	8.02	6.2	2.386	97.1
1024	7/10/2012 2:16:33	16.80	50.541	33.19	7.64	8.02	6.3	2.436	96.3
1025	7/10/2012 2:31:33	16.65	50.542	33.19	7.61	8.01	6.1	2.489	95.6
1026	7/10/2012 2:46:33	16.50	50.555	33.20	7.60	8.01	5.9	2.542	95.1
1027	7/10/2012 3:01:33	16.23	50.565	33.20	7.55	8.00	6.1	2.599	94.0
1028	7/10/2012 3:16:32	15.92	50.593	33.22	7.57	7.99	5.6	2.644	93.7
1029	7/10/2012 3:31:33	15.78	50.603	33.22	7.56	7.99	5.0	2.690	93.4
1030	7/10/2012 3:46:32	15.65	50.623	33.23	7.63	7.99	5.0	2.743	93.9
1031	7/10/2012 4:01:33	15.56	50.627	33.23	7.64	7.99	5.0	2.792	93.9
1032	7/10/2012 4:16:33	15.52	50.637	33.24	7.63	7.99	5.0	2.826	93.7
1033	7/10/2012 4:31:33	15.47	50.636	33.24	7.62	7.99	4.7	2.865	93.5
1034	7/10/2012 4:46:33	15.40	50.643	33.24	7.64	7.99	4.6	2.908	93.6
1035	7/10/2012 5:01:32	15.25	50.648	33.24	7.70	7.99	4.3	2.940	94.1
1036	7/10/2012 5:16:33	15.16	50.657	33.25	7.62	7.99	4.7	2.959	92.9
1037	7/10/2012 5:31:33	15.13	50.665	33.25	6.93	7.96	3.6	2.972	84.5
1038	7/10/2012 5:46:33	15.32	50.567	33.19	6.61	7.94	4.0	2.989	80.9
1039	7/10/2012 6:01:33	15.23	50.607	33.21	6.73	7.95	4.2	2.990	82.2
1040	7/10/2012 6:16:33	15.14	50.684	33.27	6.91	7.96	3.8	2.950	84.3
1041	7/10/2012 6:31:33	15.04	50.656	33.24	7.27	7.97	4.2	2.918	88.5
1042	7/10/2012 6:46:33	15.30	50.620	33.22	7.09	7.97	4.8	2.868	86.7
1043	7/10/2012 7:01:33	15.56	50.652	33.25	6.86	7.95	4.3	2.822	84.3
1044	7/10/2012 7:16:33	15.57	50.630	33.24	7.01	7.96	5.6	2.757	86.2
1045	7/10/2012 7:31:33	15.68	50.620	33.23	7.04	7.95	6.0	2.670	86.7
1046	7/10/2012 7:46:33	15.79	50.612	33.23	6.78	7.94	5.4	2.607	83.7
1047	7/10/2012 8:01:33	15.65	50.644	33.25	6.10	7.85	5.4	2.529	75.2
1048	7/10/2012 8:16:33	15.86	50.582	33.21	6.43	7.90	4.9	2.461	79.5
1049	7/10/2012 8:31:33	15.94	50.610	33.23	6.46	7.91	6.2	2.376	80.0
1050	7/10/2012 8:46:33	16.08	50.615	33.24	6.62	7.92	5.2	2.309	82.2
1051	7/10/2012 9:01:33	16.22	50.549	33.19	6.71	7.94	4.9	2.249	83.6
1052	7/10/2012 9:16:33	16.24	50.610	33.23	6.89	7.95	4.7	2.166	85.8
1053	7/10/2012 9:31:33	16.17	50.630	33.25	7.14	7.96	4.9	2.106	88.8
1054	7/10/2012 9:46:33	16.43	50.595	33.23	7.14	7.99	4.5	2.054	89.2
1055	7/10/2012 10:01:33	16.49	50.604	33.23	7.20	8.00	4.8	2.004	90.2
1056	7/10/2012 10:16:33	16.67	50.580	33.22	7.02	7.99	4.3	1.965	88.2
1057	7/10/2012 10:31:33	16.67	50.639	33.26	7.10	8.00	4.5	1.925	89.2
1058	7/10/2012 10:46:33	16.82	50.601	33.24	6.72	7.98	3.9	1.913	84.7
1059	7/10/2012 11:01:33	16.87	50.586	33.23	6.27	7.97	4.8	1.894	79.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	7/10/2012 11:16:33	16.81	50.627	33.26	6.89	7.97	5.7	1.906	86.8
1061	7/10/2012 11:31:33	16.93	50.576	33.22	7.28	8.00	4.9	1.912	92.0
1062	7/10/2012 11:46:33	16.92	50.582	33.22	7.20	8.01	4.9	1.929	90.8
1063	7/10/2012 12:01:33	16.87	50.570	33.21	7.32	8.01	5.0	1.977	92.3
1064	7/10/2012 12:16:33	16.86	50.565	33.21	7.22	8.00	5.1	2.014	91.0
1065	7/10/2012 12:31:33	16.84	50.564	33.21	7.22	8.00	5.3	2.054	91.0
1066	7/10/2012 12:46:33	16.78	50.556	33.20	7.14	7.99	5.4	2.118	89.9
1067	7/10/2012 13:01:33	16.83	50.447	33.12	7.20	7.98	6.6	2.194	90.7
1068	7/10/2012 13:16:33	16.76	50.475	33.14	7.10	7.97	6.5	2.239	89.3
1069	7/10/2012 13:31:33	16.63	50.526	33.18	7.11	7.97	5.8	2.306	89.3
1070	7/10/2012 13:46:33	16.56	50.545	33.19	7.12	7.97	5.9	2.387	89.3
1071	7/10/2012 14:01:33	16.34	50.556	33.20	7.10	7.96	5.6	2.449	88.6
1072	7/10/2012 14:16:33	16.17	50.563	33.20	7.11	7.96	6.1	2.523	88.4
1073	7/10/2012 14:31:33	16.09	50.577	33.21	7.24	7.97	6.0	2.594	89.9
1074	7/10/2012 14:46:33	15.92	50.595	33.22	7.34	7.97	5.7	2.667	90.9
1075	7/10/2012 15:01:33	15.81	50.597	33.22	7.35	7.97	7.1	2.740	90.8
1076	7/10/2012 15:16:33	15.63	50.603	33.22	7.40	7.98	38.6	2.820	91.1
1077	7/10/2012 15:31:33	15.45	50.610	33.22	7.47	7.98	7.2	2.886	91.7
1078	7/10/2012 15:46:33	15.39	50.551	33.17	7.55	7.98	6.3	2.964	92.5
1079	7/10/2012 16:01:33	14.96	50.589	33.19	7.64	7.98	6.7	3.038	92.8
1080	7/10/2012 16:16:33	14.64	50.593	33.19	7.80	7.99	7.0	3.110	94.1
1081	7/10/2012 16:31:33	14.40	50.608	33.19	8.02	8.01	6.4	3.185	96.3
1082	7/10/2012 16:46:33	14.25	50.607	33.19	8.11	8.01	6.4	3.242	97.1
1083	7/10/2012 17:01:33	13.92	50.646	33.20	8.31	8.03	5.5	3.317	98.8
1084	7/10/2012 17:16:33	13.63	50.717	33.25	8.54	8.04	4.4	3.363	101.0
1085	7/10/2012 17:31:33	13.32	50.765	33.27	8.86	8.06	3.9	3.415	104.2
1086	7/10/2012 17:46:33	13.05	50.833	33.31	9.12	8.09	3.4	3.451	106.6
1087	7/10/2012 18:01:33	13.06	50.804	33.29	9.05	8.07	3.2	3.470	105.9
1088	7/10/2012 18:16:33	13.33	50.745	33.26	8.74	8.05	3.8	3.482	102.8
1089	7/10/2012 18:31:33	13.13	50.851	33.33	8.91	8.07	3.6	3.470	104.4
1090	7/10/2012 18:46:33	13.08	50.798	33.29	9.06	8.08	3.4	3.451	106.0
1091	7/10/2012 19:01:33	13.25	50.761	33.26	8.94	8.07	4.6	3.402	105.0
1092	7/10/2012 19:16:33	14.40	50.478	33.10	8.58	8.07	5.3	3.349	103.0
1093	7/10/2012 19:31:33	14.87	50.659	33.24	8.34	8.06	5.2	3.279	101.1
1094	7/10/2012 19:46:33	15.00	50.603	33.20	8.32	8.06	5.0	3.204	101.2
1095	7/10/2012 20:01:33	15.26	50.624	33.23	8.65	8.09	5.0	3.135	105.8
1096	7/10/2012 20:16:33	15.03	50.625	33.22	8.40	8.07	4.7	3.049	102.2
1097	7/10/2012 20:31:33	15.13	50.626	33.22	8.36	8.06	4.8	2.967	101.8
1098	7/10/2012 20:46:33	15.02	50.677	33.26	8.44	8.07	4.3	2.898	102.7
1099	7/10/2012 21:01:33	15.14	50.602	33.21	8.38	8.06	4.5	2.816	102.2
1100	7/10/2012 21:16:33	15.42	50.670	33.26	8.25	8.06	4.8	2.742	101.2
1101	7/10/2012 21:31:33	15.58	50.565	33.19	8.12	8.05	4.7	2.659	99.8
1102	7/10/2012 21:46:33	15.68	50.647	33.25	8.04	8.05	4.7	2.589	99.1
1103	7/10/2012 22:01:33	16.00	50.722	33.31	7.99	8.05	5.1	2.500	99.1
1104	7/10/2012 22:16:33	16.34	50.654	33.27	8.05	8.06	5.6	2.421	100.5
1105	7/10/2012 22:31:33	16.62	50.451	33.12	8.00	8.05	5.3	2.341	100.4
1106	7/10/2012 22:46:33	16.73	50.518	33.17	8.01	8.06	5.4	2.261	100.7
1107	7/10/2012 23:01:33	16.72	50.565	33.21	7.83	8.05	5.0	2.207	98.5
1108	7/10/2012 23:16:33	16.84	50.594	33.23	7.94	8.05	5.4	2.107	100.1
1109	7/10/2012 23:31:33	17.06	50.612	33.25	7.95	8.06	5.1	2.048	100.6
1110	7/10/2012 23:46:33	17.24	50.555	33.21	7.92	8.07	4.5	2.005	100.6
1111	7/11/2012 0:01:32	17.33	50.560	33.21	7.85	8.06	4.6	1.950	99.9
1112	7/11/2012 0:16:33	17.43	50.564	33.22	7.88	8.07	4.5	1.928	100.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
1113	7/11/2012 0:31:33	17.48	50.567	33.22	7.39	8.06	4.0	1.899	94.3
1114	7/11/2012 0:46:32	17.43	50.637	33.27	6.96	8.02	5.1	1.904	88.8
1115	7/11/2012 1:01:33	17.43	50.570	33.22	8.07	8.07	5.0	1.918	102.9
1116	7/11/2012 1:16:33	17.40	50.561	33.21	8.01	8.07	4.5	1.920	102.1
1117	7/11/2012 1:31:33	17.32	50.569	33.22	8.06	8.07	5.1	1.966	102.6
1118	7/11/2012 1:46:33	17.28	50.556	33.21	8.11	8.06	5.8	2.011	103.1
1119	7/11/2012 2:01:32	17.24	50.558	33.21	8.02	8.06	5.4	2.043	101.9
1120	7/11/2012 2:16:32	17.28	50.445	33.13	7.85	8.04	5.9	2.092	99.8
1121	7/11/2012 2:31:33	17.33	50.365	33.07	7.71	8.03	6.4	2.147	98.0
1122	7/11/2012 2:46:33	17.30	50.362	33.07	7.69	8.03	6.0	2.194	97.7
1123	7/11/2012 3:01:33	17.19	50.423	33.11	7.77	8.03	5.5	2.240	98.5
1124	7/11/2012 3:16:33	17.11	50.450	33.13	7.77	8.04	5.5	2.300	98.3
1125	7/11/2012 3:31:33	17.03	50.479	33.15	7.76	8.03	5.3	2.344	98.1
1126	7/11/2012 3:46:33	16.91	50.502	33.16	7.74	8.03	5.1	2.390	97.6
1127	7/11/2012 4:01:33	16.70	50.510	33.17	7.66	8.02	5.3	2.440	96.3
1128	7/11/2012 4:16:33	16.42	50.549	33.19	7.64	8.01	5.1	2.495	95.6
1129	7/11/2012 4:31:33	16.22	50.556	33.19	7.50	8.00	4.8	2.532	93.4
1130	7/11/2012 4:46:33	16.18	50.558	33.19	7.49	8.00	4.4	2.586	93.2
1131	7/11/2012 5:01:33	16.13	50.570	33.20	7.40	7.99	4.0	2.619	91.9
1132	7/11/2012 5:16:33	16.06	50.574	33.21	7.40	7.99	4.5	2.675	91.9
1133	7/11/2012 5:31:33	15.88	50.578	33.20	7.48	7.99	4.0	2.707	92.6
1134	7/11/2012 5:46:33	15.78	50.598	33.22	7.37	7.98	3.8	2.729	91.0
1135	7/11/2012 6:01:33	15.71	50.594	33.21	7.34	7.98	3.9	2.771	90.5
1136	7/11/2012 6:16:33	15.65	50.622	33.23	7.34	7.99	3.6	2.785	90.4
1137	7/11/2012 6:31:33	15.62	50.606	33.22	7.20	7.99	3.6	2.803	88.6
1138	7/11/2012 6:46:33	15.59	50.625	33.23	7.04	7.97	3.4	2.813	86.6
1139	7/11/2012 7:01:33	15.68	50.585	33.21	6.87	7.95	4.2	2.810	84.7
1140	7/11/2012 7:16:33	15.61	50.633	33.24	6.89	7.96	3.6	2.807	84.8
1141	7/11/2012 7:31:33	15.57	50.637	33.24	6.91	7.96	3.6	2.780	84.9
1142	7/11/2012 7:46:33	15.59	50.601	33.22	6.89	7.98	3.9	2.745	84.7
1143	7/11/2012 8:01:33	15.66	50.568	33.19	6.80	7.95	4.7	2.701	83.7
1144	7/11/2012 8:16:33	15.81	50.549	33.18	6.52	7.94	4.3	2.668	80.6
1145	7/11/2012 8:31:33	15.92	50.565	33.20	6.48	7.93	4.3	2.611	80.2
1146	7/11/2012 8:46:33	16.06	50.546	33.18	6.54	7.91	4.9	2.548	81.1
1147	7/11/2012 9:01:33	16.11	50.545	33.18	6.18	7.88	4.7	2.490	76.8
1148	7/11/2012 9:16:33	16.18	50.548	33.19	6.53	7.91	5.9	2.442	81.2
1149	7/11/2012 9:31:33	16.26	50.587	33.22	6.50	7.91	4.8	2.382	81.0
1150	7/11/2012 9:46:33	16.36	50.525	33.17	6.61	7.93	4.5	2.328	82.5
1151	7/11/2012 10:01:33	16.50	50.508	33.16	6.84	7.94	4.5	2.284	85.6
1152	7/11/2012 10:16:33	16.60	50.551	33.20	7.10	7.96	4.2	2.227	89.1
1153	7/11/2012 10:31:33	16.71	50.512	33.17	7.25	7.97	4.5	2.191	91.1
1154	7/11/2012 10:46:33	16.75	50.564	33.21	7.26	7.98	4.4	2.164	91.4
1155	7/11/2012 11:01:33	16.84	50.546	33.20	7.39	7.99	4.3	2.116	93.1
1156	7/11/2012 11:16:33	16.91	50.550	33.20	6.99	7.98	3.9	2.104	88.2
1157	7/11/2012 11:31:33	16.95	50.557	33.21	6.77	7.96	3.4	2.095	85.5
1158	7/11/2012 11:46:32	17.00	50.557	33.21	6.32	7.94	3.4	2.081	79.9
1159	7/11/2012 12:01:33	16.99	50.578	33.22	7.06	8.02	4.6	2.095	89.3
1160	7/11/2012 12:16:33	17.07	50.555	33.21	7.43	8.02	4.2	2.093	94.0
1161	7/11/2012 12:31:33	17.08	50.554	33.20	7.44	8.02	4.2	2.127	94.2
1162	7/11/2012 12:46:33	17.01	50.565	33.21	7.42	8.01	4.3	2.148	93.9
1163	7/11/2012 13:01:33	17.00	50.559	33.21	7.38	8.01	4.1	2.176	93.3
1164	7/11/2012 13:16:32	16.95	50.542	33.19	7.38	8.00	4.9	2.220	93.2
1165	7/11/2012 13:31:33	16.85	50.513	33.17	7.31	7.99	4.7	2.269	92.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	7/11/2012 13:46:33	16.86	50.521	33.18	7.30	7.99	5.0	2.305	92.1
1167	7/11/2012 14:01:32	16.94	50.570	33.22	7.40	7.99	5.0	2.361	93.4
1168	7/11/2012 14:16:33	16.67	50.576	33.22	7.35	7.99	4.8	2.424	92.4
1169	7/11/2012 14:31:33	16.48	50.546	33.19	7.25	7.97	4.7	2.474	90.8
1170	7/11/2012 14:46:33	16.34	50.577	33.21	7.29	7.98	4.9	2.544	91.0
1171	7/11/2012 15:01:33	16.16	50.592	33.22	7.29	7.97	5.1	2.603	90.7
1172	7/11/2012 15:16:33	16.08	50.599	33.22	7.32	7.97	5.3	2.665	90.9
1173	7/11/2012 15:31:32	16.05	50.603	33.23	7.40	7.98	4.8	2.731	91.9
1174	7/11/2012 15:46:33	15.87	50.624	33.24	7.50	7.99	4.9	2.799	92.8
1175	7/11/2012 16:01:33	15.71	50.622	33.23	7.59	7.99	4.8	2.859	93.6
1176	7/11/2012 16:16:33	15.53	50.627	33.23	7.67	8.00	4.8	2.931	94.3
1177	7/11/2012 16:31:33	15.35	50.636	33.24	7.70	8.00	5.0	3.001	94.3
1178	7/11/2012 16:46:33	15.31	50.640	33.24	7.77	8.00	4.9	3.055	95.0
1179	7/11/2012 17:01:33	15.03	50.652	33.24	7.85	8.01	4.7	3.126	95.5
1180	7/11/2012 17:16:33	14.77	50.656	33.24	8.01	8.01	4.3	3.191	97.0
1181	7/11/2012 17:31:33	14.47	50.681	33.25	8.18	8.02	4.8	3.246	98.4
1182	7/11/2012 17:46:33	14.36	50.678	33.24	8.25	8.03	4.5	3.310	99.0
1183	7/11/2012 18:01:33	14.26	50.688	33.25	8.28	8.03	3.8	3.353	99.2
1184	7/11/2012 18:16:33	14.16	50.732	33.27	8.32	8.04	3.9	3.397	99.4
1185	7/11/2012 18:31:33	13.98	50.772	33.30	8.36	8.05	3.2	3.425	99.6
1186	7/11/2012 18:46:33	13.93	50.729	33.27	8.12	8.03	3.8	3.448	96.7
1187	7/11/2012 19:01:33	13.92	50.785	33.31	7.35	8.00	2.9	3.471	87.5
1188	7/11/2012 19:16:33	14.00	50.778	33.30	8.02	8.02	3.2	3.448	95.6
1189	7/11/2012 19:31:33	13.94	50.709	33.25	8.26	8.03	4.3	3.430	98.3
1190	7/11/2012 19:46:33	14.03	50.726	33.27	8.23	8.03	3.6	3.406	98.2
1191	7/11/2012 20:01:33	14.42	50.549	33.15	8.13	8.03	4.2	3.350	97.7
1192	7/11/2012 20:16:33	15.15	50.639	33.23	8.05	8.04	4.7	3.285	98.1
1193	7/11/2012 20:31:33	15.23	50.663	33.25	7.78	8.02	4.4	3.220	95.0
1194	7/11/2012 20:46:33	15.53	50.635	33.24	7.79	8.03	4.2	3.156	95.7
1195	7/11/2012 21:01:33	15.46	50.647	33.25	7.71	8.02	4.7	3.066	94.7
1196	7/11/2012 21:16:33	15.56	49.262	32.24	7.79	8.03	4.8	2.997	95.2
1197	7/11/2012 21:31:33	15.43	50.591	33.20	7.74	8.02	4.4	2.927	95.0
1198	7/11/2012 21:46:33	15.34	50.641	33.24	7.65	8.01	5.0	2.831	93.7
1199	7/11/2012 22:01:33	15.55	50.592	33.21	7.65	8.01	3.9	2.769	94.1
1200	7/11/2012 22:16:32	15.78	50.693	33.29	7.72	8.02	4.5	2.694	95.3
1201	7/11/2012 22:31:32	15.77	50.685	33.28	7.60	8.01	4.3	2.605	93.8
1202	7/11/2012 22:46:33	15.87	50.681	33.28	7.54	8.00	4.5	2.527	93.4
1203	7/11/2012 23:01:33	15.99	50.611	33.23	7.39	8.00	4.3	2.445	91.7
1204	7/11/2012 23:16:33	16.10			7.61	8.00	5.4	2.364	92.6
1205	7/11/2012 23:31:33	16.16			7.52	7.99	4.8	2.279	91.5
1206	7/11/2012 23:46:33	16.27			7.41	7.99	5.0	2.196	90.1
1207	7/12/2012 0:01:33	16.69			7.47	8.00	4.9	2.121	92.0
1208	7/12/2012 0:16:33	16.85			7.57	8.01	4.5	2.030	93.7
1209	7/12/2012 0:31:33	17.02			7.50	8.01	4.8	1.962	93.9
1210	7/12/2012 0:46:33	17.12			7.50	8.01	4.2	1.905	94.1
1211	7/12/2012 1:01:33	17.35			7.69	8.03	4.2	1.862	96.9
1212	7/12/2012 1:16:32	17.51			7.84	8.05	4.6	1.813	99.1
1213	7/12/2012 1:31:33	17.77			8.02	8.06	4.4	1.800	101.8
1214	7/12/2012 1:46:33	17.83			7.42	8.06	3.9	1.785	94.5
1215	7/12/2012 2:01:33	17.73			7.24	8.06	4.6	1.796	89.9
1216	7/12/2012 2:16:33	17.82			8.02	8.08	4.5	1.815	101.7
1217	7/12/2012 2:31:33	17.74			7.98	8.07	4.4	1.825	100.8
1218	7/12/2012 2:46:33	17.74			8.21	8.08	4.9	1.879	103.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1219	7/12/2012 3:01:33	17.72			8.29	8.07	4.8	1.926	103.6
1220	7/12/2012 3:16:33	17.69			8.13	8.07	5.0	1.983	102.4
1221	7/12/2012 3:31:33	17.72			8.00	8.04	7.4	2.021	98.8
1222	7/12/2012 3:46:33	17.63			7.76	8.05	4.7	2.064	97.1
1223	7/12/2012 4:01:33	17.58			7.91	8.05	5.4	2.143	98.5
1224	7/12/2012 4:16:33	17.55			7.83	8.04	5.4	2.180	97.2
1225	7/12/2012 4:31:33	17.47			7.95	8.04	5.6	2.225	97.8
1226	7/12/2012 4:46:33	17.39			7.94	8.04	5.1	2.279	97.9
1227	7/12/2012 5:01:33	17.29			7.80	8.03	4.7	2.326	96.4
1228	7/12/2012 5:16:33	17.07			7.80	8.02	5.0	2.376	95.6
1229	7/12/2012 5:31:32	16.94			7.56	8.01	4.7	2.413	93.9
1230	7/12/2012 5:46:33	16.75			7.58	8.00	4.8	2.463	93.5
1231	7/12/2012 6:01:33	16.57			7.48	8.00	4.4	2.498	92.1
1232	7/12/2012 6:16:33	16.44			7.57	8.00	4.2	2.554	91.7
1233	7/12/2012 6:31:33	16.33			7.60	7.99	4.2	2.594	91.9
1234	7/12/2012 6:46:33	16.24			7.57	7.99	4.3	2.619	91.7
1235	7/12/2012 7:01:33	16.17			7.67	8.00	3.7	2.669	91.4
1236	7/12/2012 7:16:33	16.11			7.54	7.99	3.7	2.692	91.0
1237	7/12/2012 7:31:33	16.06			7.49	7.99	4.2	2.718	91.0
1238	7/12/2012 7:46:33	16.04			7.13	7.99	3.5	2.726	86.3
1239	7/12/2012 8:01:33	16.04			6.89	7.97	3.3	2.751	83.3
1240	7/12/2012 8:16:33	16.03			6.74	7.96	3.5	2.771	80.1
1241	7/12/2012 8:31:33	16.06				7.92	3.4	2.748	
1242	7/12/2012 8:46:33	16.05			6.97	7.98	3.8	2.738	85.0
1243	7/12/2012 9:01:33	15.95			7.05	7.98	3.9	2.722	85.5
1244	7/12/2012 9:16:33	15.99			7.01	7.98	3.7	2.698	84.7
1245	7/12/2012 9:31:33	16.05			6.89	7.98	3.7	2.655	84.5
1246	7/12/2012 9:46:33	16.17			7.30	7.98	4.2	2.615	88.8
1247	7/12/2012 10:01:33	16.29			7.31	7.99	4.2	2.581	87.5
1248	7/12/2012 10:16:33	16.41			7.21	7.98	4.4	2.522	87.6
1249	7/12/2012 10:31:33	16.54			7.07	7.99	4.5	2.477	86.8
1250	7/12/2012 10:46:33	16.64			6.92	7.99	4.2	2.433	85.4
1251	7/12/2012 11:01:33	16.76			7.34	7.98	4.3	2.384	90.0
1252	7/12/2012 11:16:33	16.79			7.29	7.99	4.2	2.345	91.0
1253	7/12/2012 11:31:33	16.98			7.77	8.02	4.7	2.302	97.0
1254	7/12/2012 11:46:32	17.05			7.95	8.03	4.3	2.281	98.8
1255	7/12/2012 12:01:33	17.17			7.41	8.01	4.0	2.257	92.2
1256	7/12/2012 12:16:33	17.16			7.50	8.01	3.8	2.240	92.8
1257	7/12/2012 12:31:33	17.20			7.11	7.99	3.6	2.230	88.8
1258	7/12/2012 12:46:33	17.24			6.33	7.95	3.5	2.229	78.2
1259	7/12/2012 13:01:33	17.23			7.87	8.04	4.5	2.232	98.6
1260	7/12/2012 13:16:33	17.25			7.72	8.03	4.2	2.235	96.3
1261	7/12/2012 13:31:33	17.22			7.76	8.03	4.3	2.264	96.2
1262	7/12/2012 13:46:33	17.15			7.70	8.02	4.7	2.289	96.3
1263	7/12/2012 14:01:33	17.13			7.56	8.01	4.5	2.313	94.7
1264	7/12/2012 14:16:33	17.07			7.63	8.01	4.7	2.348	94.9
1265	7/12/2012 14:31:33	16.87			7.70	8.00	4.4	2.402	93.9
1266	7/12/2012 14:46:33	16.80			7.61	8.00	4.4	2.443	93.5
1267	7/12/2012 15:01:33	16.78			7.68	8.00	4.3	2.492	94.1
1268	7/12/2012 15:16:33	16.59			7.64	8.00	4.2	2.535	93.0
1269	7/12/2012 15:31:33	16.49			7.48	7.99	4.8	2.595	92.4
1270	7/12/2012 15:46:33	16.33			7.48	7.99	4.2	2.656	91.7
1271	7/12/2012 16:01:33	16.15			7.50	7.98	4.5	2.699	91.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1272	7/12/2012 16:16:33	15.97			7.56	7.98	4.8	2.768	91.9
1273	7/12/2012 16:31:33	15.86			7.68	7.99	4.4	2.824	92.5
1274	7/12/2012 16:46:33	15.73			7.77	8.00	4.6	2.886	93.9
1275	7/12/2012 17:01:33	15.40			7.77	7.99	4.3	2.943	93.7
1276	7/12/2012 17:16:33	15.36			7.81	8.00	4.5	3.003	94.7
1277	7/12/2012 17:31:33	15.16			7.89	8.00	3.9	3.063	94.0
1278	7/12/2012 17:46:33	14.97			7.84	8.00	4.5	3.122	94.4
1279	7/12/2012 18:01:33	14.72			8.05	8.01	4.0	3.192	95.3
1280	7/12/2012 18:16:33	14.64			8.08	8.02	3.7	3.240	95.7
1281	7/12/2012 18:31:33	14.39			8.18	8.03	3.8	3.298	97.0
1282	7/12/2012 18:46:33	14.24			8.25	8.03	3.7	3.350	97.5
1283	7/12/2012 19:01:33	14.17			8.26	8.03	3.4	3.398	97.3
1284	7/12/2012 19:16:33	14.08			8.28	8.03	3.2	3.430	97.2
1285	7/12/2012 19:31:33	14.04			7.93	8.02	2.8	3.448	92.9
1286	7/12/2012 19:46:33	14.03			7.29	8.01	2.6	3.472	86.0
1287	7/12/2012 20:01:33	14.15			7.52	8.00	3.4	3.476	88.0
1288	7/12/2012 20:16:33	14.04			7.99	8.02	3.3	3.444	93.8
1289	7/12/2012 20:31:33	14.06			8.16	8.03	3.6	3.420	95.2
1290	7/12/2012 20:46:33	14.12			7.97	8.03	3.5	3.379	93.5
1291	7/12/2012 21:01:33	14.67			7.87	8.06	3.6	3.329	93.9
1292	7/12/2012 21:16:33	15.24			7.59	8.03	3.7	3.252	91.6
1293	7/12/2012 21:31:33	15.19			7.29	8.00	4.1	3.186	88.0
1294	7/12/2012 21:46:33	15.12			7.41	7.98	4.2	3.117	87.8
1295	7/12/2012 22:01:33	15.03	49.483	32.39	7.23	7.98	4.7	3.030	87.5
1296	7/12/2012 22:16:33	15.13	50.414	33.07	7.19	7.98	4.6	2.951	87.6
1297	7/12/2012 22:31:33	15.23	50.464	33.11	7.31	7.98	4.5	2.862	89.2
1298	7/12/2012 22:46:33	15.29	50.431	33.08	7.25	7.98	4.7	2.799	88.6
1299	7/12/2012 23:01:33	15.57	50.495	33.14	7.36	7.99	4.7	2.708	90.5
1300	7/12/2012 23:16:33	15.55	50.467	33.12	7.25	7.99	4.5	2.617	89.1
1301	7/12/2012 23:31:33	15.86	50.442	33.10	7.34	8.00	5.1	2.536	90.7
1302	7/12/2012 23:46:33	15.96	50.322	33.02	7.17	7.99	4.8	2.443	88.7
1303	7/13/2012 0:01:33	15.90	50.419	33.09	7.09	7.99	5.9	2.353	87.7
1304	7/13/2012 0:16:33	16.26	50.340	33.04	7.08	7.98	5.9	2.257	88.1
1305	7/13/2012 0:31:33	16.52	50.399	33.08	7.24	8.01	5.4	2.165	90.6
1306	7/13/2012 0:46:33	16.59	50.407	33.09	7.29	8.01	5.3	2.077	91.4
1307	7/13/2012 1:01:33	16.69	50.390	33.08	7.22	8.01	5.1	1.981	90.6
1308	7/13/2012 1:16:33	16.77	50.404	33.09	7.19	8.00	7.0	1.901	90.4
1309	7/13/2012 1:31:33	17.00	50.409	33.10	7.33	8.02	6.7	1.840	92.7
1310	7/13/2012 1:46:33	17.25	50.410	33.10	7.53	8.04	5.6	1.772	95.6
1311	7/13/2012 2:01:33	17.35	50.402	33.10	7.58	8.05	5.0	1.728	96.5
1312	7/13/2012 2:16:32	17.50	50.387	33.09	7.71	8.07	4.9	1.695	98.3
1313	7/13/2012 2:31:32	17.72	50.366	33.07	7.70	8.08	4.8	1.673	98.7
1314	7/13/2012 2:46:32	17.62	50.474	33.15	6.94	8.04	5.4	1.662	88.7
1315	7/13/2012 3:01:32	17.66	50.385	33.09	7.79	8.09	4.4	1.669	99.7
1316	7/13/2012 3:16:33	17.66	50.387	33.09	7.91	8.09	5.1	1.698	101.2
1317	7/13/2012 3:31:33	17.58	50.385	33.09	7.84	8.08	5.5	1.727	100.2
1318	7/13/2012 3:46:33	17.58	50.378	33.08	7.92	8.09	5.1	1.763	101.2
1319	7/13/2012 4:01:33	17.56	50.358	33.07	7.90	8.08	5.1	1.814	100.8
1320	7/13/2012 4:16:33	17.52	50.369	33.07	7.84	8.08	5.4	1.862	100.1
1321	7/13/2012 4:31:33	17.50	50.189	32.94	7.69	8.07	5.9	1.912	98.0
1322	7/13/2012 4:46:32	17.47	50.283	33.01	7.72	8.07	5.0	1.959	98.4
1323	7/13/2012 5:01:33	17.43	50.246	32.98	7.67	8.06	5.9	2.018	97.6
1324	7/13/2012 5:16:33	17.40	50.164	32.92	7.58	8.05	5.9	2.075	96.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1325	7/13/2012 5:31:33	17.36	50.218	32.96	7.54	8.05	5.5	2.119	95.9
1326	7/13/2012 5:46:33	17.30	50.251	32.98	7.55	8.05	5.4	2.169	95.8
1327	7/13/2012 6:01:33	17.22	50.286	33.01	7.54	8.05	5.2	2.229	95.6
1328	7/13/2012 6:16:33	17.02	50.322	33.03	7.51	8.03	5.4	2.288	94.9
1329	7/13/2012 6:31:33	16.79	50.343	33.05	7.40	8.02	4.9	2.336	93.0
1330	7/13/2012 6:46:33	16.64	50.335	33.04	7.36	8.01	5.0	2.383	92.3
1331	7/13/2012 7:01:33	16.49	50.367	33.06	7.36	8.01	4.8	2.446	92.0
1332	7/13/2012 7:16:32	16.39	50.372	33.06	7.34	8.00	4.4	2.489	91.6
1333	7/13/2012 7:31:33	16.31	50.376	33.06	7.35	8.00	4.3	2.535	91.6
1334	7/13/2012 7:46:33	16.22	50.379	33.06	7.39	8.01	4.3	2.581	91.9
1335	7/13/2012 8:01:33	16.15	50.388	33.07	7.39	8.00	4.3	2.629	91.8
1336	7/13/2012 8:16:33	16.12	50.396	33.08	7.39	8.00	4.2	2.666	91.8
1337	7/13/2012 8:31:33	16.08	50.396	33.07	7.40	8.01	4.1	2.695	91.8
1338	7/13/2012 8:46:33	16.04	50.360	33.05	7.35	8.00	3.8	2.730	91.1
1339	7/13/2012 9:01:33	15.99	50.405	33.08	7.20	8.00	3.5	2.747	89.1
1340	7/13/2012 9:16:33	15.97	50.389	33.07	6.88	7.99	3.5	2.770	85.2
1341	7/13/2012 9:31:33	15.96	50.392	33.07	6.73	7.97	3.6	2.781	83.3
1342	7/13/2012 9:46:33	16.08	50.352	33.04	6.60	7.96	4.5	2.770	81.9
1343	7/13/2012 10:01:32	16.05	50.399	33.08	6.47	7.96	3.9	2.766	80.2
1344	7/13/2012 10:16:33	15.95	50.394	33.07	6.67	7.97	3.7	2.754	82.5
1345	7/13/2012 10:31:33	15.95	50.371	33.05	6.71	7.97	3.7	2.728	83.0
1346	7/13/2012 10:46:33	15.98	50.369	33.05	6.68	7.98	3.9	2.690	82.7
1347	7/13/2012 11:01:33	16.06	50.378	33.06	6.62	7.97	3.9	2.642	82.1
1348	7/13/2012 11:16:33	16.09	50.395	33.07	6.72	7.97	4.2	2.624	83.4
1349	7/13/2012 11:31:33	16.14	50.385	33.07	6.81	7.98	4.2	2.576	84.7
1350	7/13/2012 11:46:33	16.16	50.411	33.09	7.13	7.99	4.1	2.518	88.6
1351	7/13/2012 12:01:33	16.22	50.410	33.09	7.40	8.00	3.9	2.487	92.1
1352	7/13/2012 12:16:33	16.32	50.412	33.09	7.83	8.02	4.3	2.454	97.7
1353	7/13/2012 12:31:33	16.45	50.404	33.09	7.42	8.00	4.4	2.404	92.8
1354	7/13/2012 12:46:33	16.53	50.396	33.08	7.76	8.03	3.6	2.384	97.2
1355	7/13/2012 13:01:33	16.61	50.389	33.08	8.03	8.04	4.3	2.349	100.7
1356	7/13/2012 13:16:33	16.73	50.361	33.06	8.11	8.06	4.2	2.329	101.9
1357	7/13/2012 13:31:33	16.88	50.350	33.05	7.55	8.04	4.2	2.328	95.1
1358	7/13/2012 13:46:32	16.83	50.400	33.09	6.96	8.00	3.9	2.313	87.7
1359	7/13/2012 14:01:33	16.88	50.366	33.06	6.62	7.96	3.9	2.310	83.4
1360	7/13/2012 14:16:33	16.95	50.373	33.07	7.92	8.06	4.4	2.329	99.9
1361	7/13/2012 14:31:33	16.85	50.379	33.07	7.87	8.05	4.3	2.351	99.2
1362	7/13/2012 14:46:33	16.82	50.369	33.07	7.84	8.04	4.3	2.365	98.6
1363	7/13/2012 15:01:33	16.80	50.360	33.06	7.57	8.03	4.2	2.393	95.2
1364	7/13/2012 15:16:33	16.73	50.329	33.04	7.63	8.03	4.5	2.431	95.8
1365	7/13/2012 15:31:32	16.64	50.347	33.05	7.61	8.02	4.6	2.475	95.5
1366	7/13/2012 15:46:33	16.89	50.325	33.03	7.67	8.02	5.0	2.518	96.7
1367	7/13/2012 16:01:33	16.60	50.344	33.04	7.60	8.02	4.2	2.552	95.2
1368	7/13/2012 16:16:32	16.47	50.322	33.03	7.61	8.01	4.2	2.609	95.1
1369	7/13/2012 16:31:32	16.39	50.329	33.03	7.61	8.01	4.5	2.659	95.0
1370	7/13/2012 16:46:33	16.31	50.334	33.03	7.53	8.01	4.1	2.707	93.9
1371	7/13/2012 17:01:33	16.08	50.356	33.05	7.35	7.99	4.6	2.769	91.1
1372	7/13/2012 17:16:33	15.83	50.344	33.03	7.38	7.99	4.5	2.829	91.1
1373	7/13/2012 17:31:33	15.58	50.354	33.03	7.43	8.00	4.3	2.889	91.3
1374	7/13/2012 17:46:33	15.19	50.378	33.04	7.51	8.00	4.8	2.952	91.5
1375	7/13/2012 18:01:33	15.04	50.345	33.02	7.58	8.00	4.3	3.008	92.1
1376	7/13/2012 18:16:33	14.92	50.372	33.03	7.65	8.01	4.2	3.069	92.8
1377	7/13/2012 18:31:33	14.78	50.384	33.04	7.67	8.01	4.3	3.134	92.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1378	7/13/2012 18:46:33	14.54	50.434	33.07	7.76	8.02	4.0	3.188	93.4
1379	7/13/2012 19:01:33	14.33	50.445	33.07	7.84	8.02	3.6	3.243	93.9
1380	7/13/2012 19:16:33	14.24	50.447	33.07	7.87	8.03	3.7	3.299	94.2
1381	7/13/2012 19:31:33	14.12	50.470	33.08	7.92	8.03	3.6	3.354	94.5
1382	7/13/2012 19:46:33	13.95	50.484	33.09	7.96	8.03	3.2	3.391	94.7
1383	7/13/2012 20:01:33	13.83	50.517	33.11	7.91	8.03	3.1	3.422	93.8
1384	7/13/2012 20:16:33	13.61	50.560	33.13	7.81	8.02	2.7	3.453	92.3
1385	7/13/2012 20:31:33	13.57	50.434	33.04	7.37	8.02	2.6	3.469	87.0
1386	7/13/2012 20:46:33	13.63	48.910	31.93	7.43	8.01	3.2	3.468	87.2
1387	7/13/2012 21:01:33	13.59	50.509	33.09	7.42	8.01	2.9	3.451	87.6
1388	7/13/2012 21:16:33	13.60	49.398	32.28	7.56	8.02	3.4	3.432	88.8
1389	7/13/2012 21:31:33	13.78	50.488	33.08	7.58	8.02	3.2	3.389	89.9
1390	7/13/2012 21:46:33	14.54	50.327	32.99	7.66	8.05	4.0	3.331	92.2
1391	7/13/2012 22:01:33	14.89	50.417	33.06	7.53	8.04	3.9	3.277	91.3
1392	7/13/2012 22:16:33	14.95	50.381	33.04	7.33	8.03	3.7	3.201	88.9
1393	7/13/2012 22:31:33	15.29	50.393	33.06	7.01	8.00	3.8	3.120	85.6
1394	7/13/2012 22:46:33	15.29	50.364	33.04	7.02	8.01	4.2	3.044	85.8
1395	7/13/2012 23:01:33	15.36	50.423	33.08	7.12	8.00	4.3	2.960	87.1
1396	7/13/2012 23:16:32	15.33	50.359	33.03	7.01	7.98	4.1	2.878	85.7
1397	7/13/2012 23:31:32	15.36	50.323	33.01	7.08	7.99	4.2	2.796	86.5
1398	7/13/2012 23:46:33	15.32	50.424	33.08	7.04	7.99	4.3	2.703	86.1
1399	7/14/2012 0:01:33	15.61	50.422	33.08	7.10	8.00	4.3	2.620	87.3
1400	7/14/2012 0:16:33	15.75	50.322	33.01	6.95	7.99	4.8	2.521	85.6
1401	7/14/2012 0:31:33	15.50	50.374	33.05	6.83	7.97	5.1	2.427	83.8
1402	7/14/2012 0:46:33	15.65	50.407	33.08	6.82	7.97	5.3	2.331	83.9
1403	7/14/2012 1:01:33	16.27	50.360	33.05	7.05	8.00	6.1	2.234	87.8
1404	7/14/2012 1:16:33	16.23	50.408	33.09	7.03	7.99	6.1	2.128	87.4
1405	7/14/2012 1:31:33	16.50	50.333	33.04	7.05	8.01	5.4	2.033	88.2
1406	7/14/2012 1:46:33	16.69	50.390	33.08	7.09	8.01	5.3	1.929	89.0
1407	7/14/2012 2:01:33	16.97	50.388	33.08	7.26	8.03	5.6	1.843	91.7
1408	7/14/2012 2:16:33	17.03			7.29	8.02	5.3	1.761	90.8
1409	7/14/2012 2:31:33	17.08			7.28	8.03	5.2	1.687	90.9
1410	7/14/2012 2:46:33	17.33			7.47	8.05	5.3	1.632	93.8
1411	7/14/2012 3:01:33	17.68			7.71	8.08	5.2	1.595	97.3
1412	7/14/2012 3:16:33	17.71			7.57	8.08	5.0	1.559	95.6
1413	7/14/2012 3:31:33	17.72			7.18	8.07	4.3	1.550	91.3
1414	7/14/2012 3:46:32	17.64			7.70	8.08	4.8	1.563	98.4
1415	7/14/2012 4:01:33	17.67			7.89	8.09	4.6	1.576	100.1
1416	7/14/2012 4:16:33	17.58			7.82	8.08	4.8	1.601	98.9
1417	7/14/2012 4:31:33	17.59			7.88	8.09	5.3	1.653	99.8
1418	7/14/2012 4:46:33	17.56			7.88	8.09	5.3	1.693	99.7
1419	7/14/2012 5:01:33	17.54			7.85	8.08	5.3	1.738	99.2
1420	7/14/2012 5:16:33	17.52			7.77	8.08	6.1	1.793	98.1
1421	7/14/2012 5:31:33	17.51			7.79	8.08	5.7	1.852	98.3
1422	7/14/2012 5:46:33	17.49			7.74	8.07	5.9	1.904	97.7
1423	7/14/2012 6:01:33	17.46			7.65	8.07	5.5	1.947	96.5
1424	7/14/2012 6:16:32	17.42			7.67	8.07	6.1	2.031	96.3
1425	7/14/2012 6:31:33	17.38			7.65	8.06	6.5	2.086	96.0
1426	7/14/2012 6:46:33	17.29			7.64	8.06	5.4	2.141	95.5
1427	7/14/2012 7:01:33	17.15			7.61	8.05	5.9	2.203	94.8
1428	7/14/2012 7:16:33	16.90			7.51	8.04	6.0	2.275	92.8
1429	7/14/2012 7:31:33	16.79			7.54	8.02	5.7	2.349	91.6
1430	7/14/2012 7:46:33	16.70			7.46	8.02	4.8	2.389	90.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH	NTU		
1431	7/14/2012 8:01:33	16.59			7.32	8.01	5.1	2.456	90.0
1432	7/14/2012 8:16:33	16.47			7.33	8.01	4.8	2.522	89.9
1433	7/14/2012 8:31:33	16.36			7.32	8.01	5.0	2.578	89.8
1434	7/14/2012 8:46:33	16.28			7.32	8.01	5.0	2.620	89.6
1435	7/14/2012 9:01:33	16.25			7.35	8.01	4.7	2.667	89.4
1436	7/14/2012 9:16:33	16.17			7.39	8.01	4.7	2.732	89.7
1437	7/14/2012 9:31:33	16.07			7.38	8.00	4.3	2.765	89.2
1438	7/14/2012 9:46:33	15.87			7.24	7.99	4.0	2.793	87.7
1439	7/14/2012 10:01:33	15.85			7.16	7.99	4.2	2.821	86.4
1440	7/14/2012 10:16:33	15.77			6.96	7.98	3.9	2.844	85.1
1441	7/14/2012 10:31:33	15.63			6.87	7.98	6.8	2.869	83.0
1442	7/14/2012 10:46:33	15.98			6.49	7.99	7.0	2.850	79.0
1443	7/14/2012 11:01:33	15.83			6.48	7.96	4.7	2.857	79.4
1444	7/14/2012 11:16:33	15.74			6.45	7.96	4.7	2.849	78.7
1445	7/14/2012 11:31:33	15.72			6.29	7.96	5.4	2.817	76.7
1446	7/14/2012 11:46:33	15.76			6.63	7.98	4.7	2.778	81.0
1447	7/14/2012 12:01:33	15.90			6.87	8.00	6.2	2.738	83.9
1448	7/14/2012 12:16:33	16.00			7.11	8.01	4.8	2.699	87.1
1449	7/14/2012 12:31:33	16.12			6.90	8.00	6.7	2.659	84.6
1450	7/14/2012 12:46:33	16.26			7.18	8.03	4.7	2.596	88.1
1451	7/14/2012 13:01:33	16.41			7.40	8.04	5.1	2.561	91.2
1452	7/14/2012 13:16:33	16.52			7.28	8.03	4.3	2.518	89.7
1453	7/14/2012 13:31:33	16.67			7.35	8.05	4.1	2.477	91.1
1454	7/14/2012 13:46:33	16.85			7.67	8.06	4.3	2.448	95.4
1455	7/14/2012 14:01:33	16.96			8.14	8.10	4.5	2.424	101.6
1456	7/14/2012 14:16:33	17.14			8.40	8.11	4.1	2.400	104.3
1457	7/14/2012 14:31:33	17.13			7.59	8.06	4.6	2.397	95.1
1458	7/14/2012 14:46:33	17.12			8.70	8.12	4.3	2.396	109.0
1459	7/14/2012 15:01:33	17.09			8.67	8.12	4.8	2.389	108.3
1460	7/14/2012 15:16:33	16.99			8.16	8.08	4.5	2.413	101.4
1461	7/14/2012 15:31:33	16.88			7.99	8.07	4.3	2.416	98.9
1462	7/14/2012 15:46:33	16.94			7.93	8.07	4.6	2.459	98.7
1463	7/14/2012 16:01:33	17.02			7.84	8.06	4.7	2.481	98.4
1464	7/14/2012 16:16:33	16.93			7.66	8.05	4.3	2.507	95.5
1465	7/14/2012 16:31:33	16.80			7.67	8.04	5.4	2.566	95.3
1466	7/14/2012 16:46:33	16.72			7.66	8.04	4.5	2.604	94.9
1467	7/14/2012 17:01:33	16.58			7.73	8.04	5.3	2.654	95.4
1468	7/14/2012 17:16:33	16.51			7.57	8.04	4.5	2.694	94.1
1469	7/14/2012 17:31:33	16.25			7.27	8.01	6.5	2.762	89.8
1470	7/14/2012 17:46:33	16.00			7.26	8.00	9.3	2.823	89.1
1471	7/14/2012 18:01:33	15.60			7.24	7.99	5.4	2.864	87.7
1472	7/14/2012 18:16:33	15.31			7.13	7.99	5.6	2.932	86.9
1473	7/14/2012 18:31:33	14.95			7.26	7.99	5.6	2.990	87.3
1474	7/14/2012 18:46:33	14.74			7.34	7.99	5.3	3.058	87.6
1475	7/14/2012 19:01:33	14.69			7.39	8.00	5.4	3.117	88.4
1476	7/14/2012 19:16:33	14.69			7.51	8.01	5.1	3.182	90.0
1477	7/14/2012 19:31:33	14.39			7.51	8.01	5.3	3.252	89.4
1478	7/14/2012 19:46:33	14.24			7.59	8.01	5.1	3.310	89.9
1479	7/14/2012 20:01:33	14.07			7.71	8.02	5.4	3.366	91.1
1480	7/14/2012 20:16:33	13.76			7.80	8.02	5.2	3.419	91.5
1481	7/14/2012 20:31:33	13.51			7.89	8.02	5.4	3.472	92.0
1482	7/14/2012 20:46:33	13.43			7.83	8.02	4.6	3.509	91.1
1483	7/14/2012 21:01:33	13.39			7.84	8.02	4.0	3.534	91.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1484	7/14/2012 21:16:33	13.36	49.424	32.29	7.73	8.02	4.0	3.555	90.3
1485	7/14/2012 21:31:33	13.62	49.787	32.57	7.33	8.00	3.9	3.560	86.3
1486	7/14/2012 21:46:33	13.44	50.512	33.09	7.67	8.02	3.6	3.549	90.3
1487	7/14/2012 22:01:33	13.38	50.497	33.08	7.55	8.02	3.1	3.521	88.7
1488	7/14/2012 22:16:33	13.47	50.485	33.07	7.50	8.01	3.6	3.481	88.3
1489	7/14/2012 22:31:33	14.44	50.309	32.97	7.61	8.06	4.6	3.426	91.4
1490	7/14/2012 22:46:33	14.73	50.404	33.05	7.33	8.03	4.4	3.357	88.6
1491	7/14/2012 23:01:33	15.00	50.355	33.02	6.96	8.01	3.9	3.283	84.6
1492	7/14/2012 23:16:33	15.07	50.376	33.04	6.90	7.99	11.6	3.191	83.9
1493	7/14/2012 23:31:33	15.20	50.347	33.02	7.17	8.02	4.8	3.113	87.4
1494	7/14/2012 23:46:33	15.48	50.347	33.03	7.36	8.03	5.4	3.024	90.2
1495	7/15/2012 0:01:33	15.58	50.329	33.02	7.35	8.03	5.1	2.925	90.2
1496	7/15/2012 0:16:32	15.84	50.308	33.01	7.34	8.03	6.0	2.835	90.6
1497	7/15/2012 0:31:32	16.01	50.275	32.98	7.07	8.02	5.3	2.748	87.6
1498	7/15/2012 0:46:32	16.00	50.327	33.02	7.07	8.01	5.5	2.653	87.6
1499	7/15/2012 1:01:33	15.73	50.441	33.10	6.94	7.99	5.0	2.544	85.6
1500	7/15/2012 1:16:33	15.84	50.319	33.01	6.92	7.99	8.4	2.437	85.4
1501	7/15/2012 1:31:33	15.84	50.345	33.03	6.96	8.00	6.7	2.334	85.9
1502	7/15/2012 1:46:33	16.24	50.315	33.02	6.98	8.00	8.4	2.225	86.8
1503	7/15/2012 2:01:33	16.37	50.275	32.99	6.90	8.00	7.0	2.121	86.0
1504	7/15/2012 2:16:33	16.82	50.312	33.02	7.11	8.02	7.8	2.011	89.5
1505	7/15/2012 2:31:33	16.96	50.316	33.03	7.12	8.02	6.5	1.912	89.9
1506	7/15/2012 2:46:33	17.06	50.321	33.03	7.07	8.02	6.5	1.795	89.4
1507	7/15/2012 3:01:33	17.16	50.319	33.03	7.08	8.02	6.1	1.717	89.7
1508	7/15/2012 3:16:33	17.35	50.313	33.03	7.14	8.03	6.8	1.635	90.8
1509	7/15/2012 3:31:33	17.65	50.301	33.02	7.35	8.06	5.6	1.564	93.9
1510	7/15/2012 3:46:33	17.88	50.287	33.02	7.43	8.08	4.9	1.520	95.4
1511	7/15/2012 4:01:32	18.03	50.249	32.99	7.46	8.09	5.4	1.468	96.0
1512	7/15/2012 4:16:33	18.05	50.281	33.01	7.15	8.06	4.2	1.479	92.1
1513	7/15/2012 4:31:33	17.88	50.299	33.02	7.53	8.08	6.0	1.462	96.7
1514	7/15/2012 4:46:33	17.89	50.279	33.01	7.65	8.09	5.9	1.476	98.3
1515	7/15/2012 5:01:33	17.94	50.298	33.02	7.76	8.10	5.7	1.512	99.8
1516	7/15/2012 5:16:32	17.87	50.279	33.01	7.74	8.09	5.6	1.558	99.4
1517	7/15/2012 5:31:33	17.86	50.275	33.01	7.80	8.09	5.8	1.621	100.1
1518	7/15/2012 5:46:32	17.82	50.274	33.01	7.74	8.09	6.1	1.645	99.3
1519	7/15/2012 6:01:32	17.81	50.065	32.85	7.68	8.09	7.1	1.731	98.4
1520	7/15/2012 6:16:32	17.77	50.151	32.92	7.65	8.08	6.7	1.797	98.0
1521	7/15/2012 6:31:32	17.74	50.089	32.87	7.59	8.08	7.3	1.837	97.2
1522	7/15/2012 6:46:32	17.70	50.088	32.87	7.54	8.07	7.1	1.902	96.4
1523	7/15/2012 7:01:33	17.66	50.078	32.86	7.52	8.07	6.7	1.979	96.1
1524	7/15/2012 7:16:33	17.61	50.054	32.84	7.53	8.07	7.1	2.059	96.1
1525	7/15/2012 7:31:33	17.48	50.135	32.90	7.48	8.07	6.8	2.113	95.2
1526	7/15/2012 7:46:33	17.20	50.200	32.95	7.42	8.06	6.7	2.185	94.0
1527	7/15/2012 8:01:33	17.08	50.215	32.96	7.32	8.05	6.4	2.256	92.6
1528	7/15/2012 8:16:33	17.01	50.219	32.96	7.30	8.05	6.6	2.341	92.2
1529	7/15/2012 8:31:33	16.86	50.247	32.98	7.21	8.04	6.8	2.398	90.8
1530	7/15/2012 8:46:32	16.76	50.255	32.98	7.17	8.03	5.9	2.455	90.1
1531	7/15/2012 9:01:33	16.63	50.259	32.98	7.16	8.03	6.1	2.546	89.7
1532	7/15/2012 9:16:33	16.56	50.258	32.98	7.15	8.03	6.0	2.599	89.5
1533	7/15/2012 9:31:33	16.44	50.271	32.99	7.14	8.02	5.6	2.647	89.2
1534	7/15/2012 9:46:33	16.30	50.232	32.96	7.10	8.02	5.6	2.707	88.4
1535	7/15/2012 10:01:33	16.07	50.165	32.91	7.00	8.01	5.7	2.762	86.7
1536	7/15/2012 10:16:33	16.00	50.188	32.92	6.89	8.00	5.6	2.812	85.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1537	7/15/2012 10:31:33	15.76	50.215	32.94	6.87	7.99	5.9	2.841	84.7
1538	7/15/2012 10:46:33	15.62	50.207	32.93	6.90	7.99	5.5	2.883	84.8
1539	7/15/2012 11:01:33	15.52	50.216	32.93	6.89	7.99	5.1	2.920	84.5
1540	7/15/2012 11:16:33	15.48	50.245	32.95	6.90	7.99	5.0	2.940	84.5
1541	7/15/2012 11:31:33	15.35	50.259	32.96	6.80	7.98	3.7	2.946	83.1
1542	7/15/2012 11:46:33	15.67	50.274	32.98	6.43	7.98	3.8	2.951	79.1
1543	7/15/2012 12:01:33	15.43	50.283	32.98	6.58	7.97	4.1	2.942	80.6
1544	7/15/2012 12:16:33	15.40	50.234	32.94	6.74	7.98	5.1	2.917	82.5
1545	7/15/2012 12:31:33	15.46	50.237	32.95	6.60	7.96	4.0	2.887	80.9
1546	7/15/2012 12:46:33	15.59	50.216	32.93	6.68	7.98	4.2	2.837	82.0
1547	7/15/2012 13:01:33	15.78	50.187	32.92	6.96	8.01	4.7	2.785	85.8
1548	7/15/2012 13:16:33	16.07	50.215	32.94	7.12	8.02	4.8	2.747	88.3
1549	7/15/2012 13:31:33	16.31	50.180	32.92	7.37	8.05	4.8	2.687	91.8
1550	7/15/2012 13:46:33	16.47	50.187	32.93	7.48	8.06	5.6	2.628	93.5
1551	7/15/2012 14:01:33	16.60	50.209	32.95	7.47	8.07	4.7	2.582	93.6
1552	7/15/2012 14:16:33	16.71	50.214	32.95	7.41	8.07	4.3	2.550	93.0
1553	7/15/2012 14:31:33	16.82	50.228	32.96	7.47	8.07	4.7	2.493	93.9
1554	7/15/2012 14:46:33	16.97	50.203	32.95	7.44	8.08	4.8	2.473	93.8
1555	7/15/2012 15:01:33	17.03	50.248	32.98	7.45	8.07	4.2	2.445	94.2
1556	7/15/2012 15:16:33	17.09	50.240	32.97	7.30	8.06	4.0	2.407	92.4
1557	7/15/2012 15:31:33	17.13	50.241	32.98	7.25	8.04	4.4	2.418	91.7
1558	7/15/2012 15:46:33	17.12	50.267	32.99	7.83	8.11	4.5	2.406	99.1
1559	7/15/2012 16:01:33	17.11	50.262	32.99	8.08	8.12	5.1	2.407	102.2
1560	7/15/2012 16:16:33	17.11	50.269	33.00	8.14	8.11	5.7	2.429	103.0
1561	7/15/2012 16:31:33	17.12	50.250	32.98	7.94	8.10	5.4	2.448	100.5
1562	7/15/2012 16:46:33	17.21	50.261	32.99	7.99	8.10	5.3	2.469	101.2
1563	7/15/2012 17:01:33	17.10	50.252	32.98	7.96	8.10	5.6	2.506	100.7
1564	7/15/2012 17:16:33	17.13	50.259	32.99	7.75	8.08	5.8	2.564	98.1
1565	7/15/2012 17:31:33	16.93	50.240	32.97	7.78	8.08	5.6	2.601	98.1
1566	7/15/2012 17:46:32	16.93	50.234	32.97	7.66	8.07	5.4	2.648	96.6
1567	7/15/2012 18:01:33	16.88	50.221	32.96	7.62	8.06	5.4	2.711	95.9
1568	7/15/2012 18:16:33	16.73	50.217	32.95	7.67	8.07	5.3	2.773	96.3
1569	7/15/2012 18:31:33	16.34	50.225	32.95	7.28	8.03	5.9	2.833	90.8
1570	7/15/2012 18:46:33	16.02	50.232	32.95	7.25	8.02	6.1	2.893	89.8
1571	7/15/2012 19:01:33	15.64	50.253	32.96	7.22	8.01	5.7	2.965	88.8
1572	7/15/2012 19:16:33	15.02	50.299	32.98	7.28	8.01	6.0	3.021	88.4
1573	7/15/2012 19:31:33	14.81	50.320	32.99	7.33	8.01	5.6	3.090	88.6
1574	7/15/2012 19:46:33	14.76	50.326	32.99	7.44	8.02	6.0	3.166	90.0
1575	7/15/2012 20:01:33	14.64	50.334	33.00	7.44	8.02	5.6	3.230	89.7
1576	7/15/2012 20:16:33	14.31	50.363	33.01	7.49	8.02	6.1	3.298	89.6
1577	7/15/2012 20:31:33	14.10	50.380	33.02	7.57	8.02	6.1	3.361	90.3
1578	7/15/2012 20:46:33	13.86	50.408	33.03	7.79	8.03	6.2	3.422	92.4
1579	7/15/2012 21:01:33	13.50	50.426	33.03	7.99	8.04	6.5	3.475	94.1
1580	7/15/2012 21:16:33	13.34	50.453	33.04	8.03	8.04	6.3	3.523	94.3
1581	7/15/2012 21:31:33	13.22	50.484	33.06	8.04	8.05	5.9	3.562	94.2
1582	7/15/2012 21:46:33	13.18	50.468	33.05	8.03	8.04	5.8	3.596	94.0
1583	7/15/2012 22:01:33	13.15	50.462	33.04	7.99	8.04	10.1	3.604	93.5
1584	7/15/2012 22:16:33	13.52	50.468	33.06	7.70	8.04	4.2	3.617	90.8
1585	7/15/2012 22:31:33	13.30	50.532	33.10	7.47	8.02	3.7	3.598	87.7
1586	7/15/2012 22:46:33	13.25	49.245	32.16	7.67	8.03	3.5	3.576	89.4
1587	7/15/2012 23:01:33	13.27	48.367	31.52	7.71	8.02	3.6	3.528	89.6
1588	7/15/2012 23:16:33	14.32	50.333	32.99	7.60	8.07	4.8	3.466	91.1
1589	7/15/2012 23:31:33	14.65	50.393	33.04	7.11	8.03	4.6	3.387	85.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1590	7/15/2012 23:46:33	14.54	50.410	33.05	6.74	7.98	4.5	3.305	81.0
1591	7/16/2012 0:01:33	14.66	50.406	33.05	6.87	7.99	5.5	3.223	82.8
1592	7/16/2012 0:16:33	15.00	50.374	33.04	7.14	8.02	6.3	3.115	86.8
1593	7/16/2012 0:31:33	15.38	50.338	33.02	7.08	8.02	7.3	3.028	86.7
1594	7/16/2012 0:46:33	15.49	50.337	33.02	7.10	8.03	6.4	2.933	87.0
1595	7/16/2012 1:01:33	15.74	50.319	33.01	7.02	8.03	5.9	2.832	86.5
1596	7/16/2012 1:16:33	16.09	50.312	33.01	6.93	8.03	6.3	2.729	86.0
1597	7/16/2012 1:31:33	16.22	50.295	33.00	6.88	8.02	6.1	2.637	85.6
1598	7/16/2012 1:46:33	16.30	50.321	33.02	6.87	8.02	6.1	2.523	85.5
1599	7/16/2012 2:01:33	15.88	50.430	33.10	6.54	7.98	8.1	2.411	80.9
1600	7/16/2012 2:16:33	16.08	50.374	33.06	6.76	8.00	9.2	2.288	83.9
1601	7/16/2012 2:31:33	15.91	50.396	33.07	6.72	8.00	7.0	2.187	83.1
1602	7/16/2012 2:46:32	16.13	50.335	33.03	6.79	8.01	7.5	2.068	84.3
1603	7/16/2012 3:01:33	16.37	50.456	33.12	6.81	8.01	7.2	1.937	85.0
1604	7/16/2012 3:16:33	16.45	50.331	33.03	6.72	8.00	6.5	1.828	84.0
1605	7/16/2012 3:31:33	16.55	50.418	33.10	6.77	8.01	6.2	1.728	84.7
1606	7/16/2012 3:46:33	16.70	49.761	32.62	6.78	8.01	5.8	1.613	85.0
1607	7/16/2012 4:01:32	17.02	50.346	33.05	6.89	8.04	6.1	1.528	87.1
1608	7/16/2012 4:16:33	17.13	49.639	32.53	6.87	8.04	5.5	1.457	86.7
1609	7/16/2012 4:31:33	17.34	50.401	33.10	6.91	8.04	5.3	1.391	87.9
1610	7/16/2012 4:46:33	17.72	50.359	33.07	7.00	8.08	5.0	1.356	89.7
1611	7/16/2012 5:01:33	17.66	50.364	33.07	6.83	8.07	4.6	1.338	87.4
1612	7/16/2012 5:16:33	17.60	50.327	33.04	7.02	8.07	5.8	1.346	89.7
1613	7/16/2012 5:31:33	17.85	50.350	33.06	7.30	8.11	6.1	1.376	93.8
1614	7/16/2012 5:46:32	17.74	50.327	33.04	7.24	8.10	6.3	1.438	92.8
1615	7/16/2012 6:01:33	17.78	50.319	33.04	7.26	8.10	6.3	1.462	93.1
1616	7/16/2012 6:16:32	17.74	50.315	33.04	7.25	8.10	6.2	1.532	92.9
1617	7/16/2012 6:31:33	17.67	50.191	32.94	7.20	8.10	7.2	1.624	92.1
1618	7/16/2012 6:46:33	17.62	50.001	32.80	7.07	8.08	9.5	1.666	90.2
1619	7/16/2012 7:01:33	17.57	50.080	32.86	7.08	8.08	9.6	1.743	90.3
1620	7/16/2012 7:16:33	17.54	50.021	32.82	7.02	8.08	11.2	1.804	89.5
1621	7/16/2012 7:31:33	17.46	50.093	32.87	7.10	8.08	12.5	1.895	90.3
1622	7/16/2012 7:46:33	17.37	50.194	32.94	7.05	8.07	9.8	1.957	89.6
1623	7/16/2012 8:01:33	17.31	50.207	32.95	7.03	8.07	10.8	2.016	89.3
1624	7/16/2012 8:16:32	17.22	50.205	32.95	7.02	8.07	14.5	2.112	89.0
1625	7/16/2012 8:31:33	17.04	50.226	32.96	6.98	8.06	11.2	2.193	88.2
1626	7/16/2012 8:46:33	16.77	50.247	32.98	6.91	8.05	11.7	2.261	86.9
1627	7/16/2012 9:01:33	16.62	50.273	32.99	6.91	8.04	11.0	2.343	86.6
1628	7/16/2012 9:16:33	16.58	50.294	33.01	6.90	8.04	10.0	2.427	86.4
1629	7/16/2012 9:31:33	16.46	50.309	33.02	6.91	8.04	9.4	2.501	86.4
1630	7/16/2012 9:46:33	16.33	50.305	33.01	6.89	8.03	9.7	2.573	85.9
1631	7/16/2012 10:01:33	16.17	50.306	33.01	6.90	8.03	9.3	2.645	85.7
1632	7/16/2012 10:16:33	15.99	50.264	32.98	6.85	8.02	13.5	2.705	84.8
1633	7/16/2012 10:31:33	15.82	50.256	32.97	6.82	8.01	9.8	2.770	84.2
1634	7/16/2012 10:46:33	15.63	50.257	32.96	6.82	8.01	12.0	2.827	83.8
1635	7/16/2012 11:01:33	15.34	50.251	32.95	6.91	8.01	15.1	2.877	84.5
1636	7/16/2012 11:16:33	15.20	50.268	32.96	6.91	8.01	14.5	2.926	84.2
1637	7/16/2012 11:31:33	14.90	50.298	32.98	6.97	8.00	13.0	2.970	84.4
1638	7/16/2012 11:46:33	14.64	50.269	32.95	7.13	8.00	10.4	2.999	85.9
1639	7/16/2012 12:01:33	14.54	50.308	32.98	6.89	8.00	6.6	3.026	82.9
Mean		15.90	50.47	33.11	7.86	8.04	8.54	2.57	96.91
Minimum		11.83	48.37	31.52	6.00	7.85	2.60	0.72	75.20
Maximum		19.77	51.37	33.80	12.92	8.30	180.40	4.05	151.00

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
0	7/16/2012 12:30:50	14.79	51.55	33.89	7.50	7.90	19.4	3.075	91.2
1	7/16/2012 12:45:49	14.69	51.58	33.91	7.64	7.92	4.8	3.049	92.7
2	7/16/2012 13:00:50	14.84	51.65	33.97	7.58	7.92	6.4	3.026	92.3
3	7/16/2012 13:15:50	15.11	51.53	33.88	7.39	7.93	5.5	2.982	90.5
4	7/16/2012 13:30:50	15.73	51.59	33.94	7.69	7.96	5.5	2.925	95.3
5	7/16/2012 13:45:50	15.90	51.63	33.98	7.68	7.97	5.0	2.865	95.5
6	7/16/2012 14:00:49	16.20	51.51	33.90	7.84	8.00	4.7	2.815	98.0
7	7/16/2012 14:15:50	16.46	51.66	34.01	7.89	8.01	4.9	2.751	99.2
8	7/16/2012 14:30:50	16.63	51.70	34.04	7.72	8.00	4.0	2.689	97.4
9	7/16/2012 14:45:50	16.86	51.66	34.02	7.82	8.00	4.3	2.636	99.1
10	7/16/2012 15:00:49	17.04	51.69	34.04	7.81	8.01	4.1	2.582	99.3
11	7/16/2012 15:15:49	17.19	51.66	34.02	7.72	8.01	4.1	2.527	98.4
12	7/16/2012 15:30:49	17.36	51.65	34.01	7.84	8.02	4.1	2.504	100.3
13	7/16/2012 15:45:49	17.50	51.68	34.03	7.61	8.01	3.6	2.461	97.6
14	7/16/2012 16:00:50	17.61	51.75	34.09	7.71	8.01	3.6	2.429	99.1
15	7/16/2012 16:15:49	17.86	51.61	33.99	8.42	8.08	4.2	2.412	108.8
16	7/16/2012 16:30:49	17.96	51.70	34.06	8.69	8.08	4.2	2.412	112.4
17	7/16/2012 16:45:49	17.94	51.73	34.08	9.80	8.16	5.1	2.415	126.8
18	7/16/2012 17:00:50	17.78	51.73	34.08	8.61	8.08	4.2	2.415	111.0
19	7/16/2012 17:15:50	17.71	51.82	34.14	8.71	8.08	5.1	2.454	112.2
20	7/16/2012 17:30:49	17.94	51.73	34.08	8.66	8.08	4.6	2.481	112.1
21	7/16/2012 17:45:49	17.89	51.70	34.05	8.58	8.08	5.6	2.522	110.9
22	7/16/2012 18:00:49	17.58	51.76	34.10	8.43	8.06	5.0	2.575	108.3
23	7/16/2012 18:15:50	17.73	51.72	34.07	8.54	8.07	8.2	2.624	110.1
24	7/16/2012 18:30:50	17.41	51.73	34.07	8.25	8.05	4.7	2.685	105.7
25	7/16/2012 18:45:49	16.95	51.69	34.04	8.14	8.03	5.1	2.750	103.3
26	7/16/2012 19:00:49	16.58	51.71	34.05	7.84	8.01	5.0	2.812	98.9
27	7/16/2012 19:15:50	16.06	51.77	34.09	7.80	8.00	5.2	2.874	97.3
28	7/16/2012 19:30:50	15.75	51.77	34.08	7.74	7.99	5.6	2.948	96.1
29	7/16/2012 19:45:49	15.47	51.74	34.05	7.79	7.99	5.3	3.014	96.0
30	7/16/2012 20:00:50	15.20	51.77	34.06	7.82	7.99	5.8	3.093	95.9
31	7/16/2012 20:15:50	14.89	51.88	34.14	7.85	7.99	5.5	3.158	95.8
32	7/16/2012 20:30:50	14.52	51.88	34.12	7.94	7.99	5.3	3.225	96.1
33	7/16/2012 20:45:49	14.22	51.82	34.07	8.19	8.01	5.2	3.302	98.6
34	7/16/2012 21:00:50	13.78	51.96	34.16	8.47	8.02	6.5	3.377	101.1
35	7/16/2012 21:15:50	13.55	51.92	34.12	8.57	8.02	6.5	3.439	101.7
36	7/16/2012 21:30:50	13.38	51.98	34.16	8.64	8.02	5.7	3.514	102.2
37	7/16/2012 21:45:50	13.23	51.91	34.11	8.61	8.02	4.8	3.564	101.6
38	7/16/2012 22:00:49	13.09	51.93	34.11	8.52	8.02	4.8	3.620	100.2
39	7/16/2012 22:15:50	12.90	51.94	34.11	8.61	8.02	5.3	3.666	100.9
40	7/16/2012 22:30:50	12.77	52.05	34.19	8.60	8.02	3.2	3.696	100.6
41	7/16/2012 22:45:50	12.78	52.05	34.19	8.47	8.01	3.4	3.711	99.1
42	7/16/2012 23:00:50	13.15	52.07	34.22	8.48	8.02	4.0	3.725	99.9
43	7/16/2012 23:15:50	12.82	52.02	34.17	8.67	8.02	4.0	3.703	101.4
44	7/16/2012 23:30:50	12.75	52.03	34.18	8.71	8.02	3.7	3.655	101.7
45	7/16/2012 23:45:50	12.92	51.97	34.14	8.57	8.02	4.0	3.616	100.4
46	7/17/2012 0:00:50	13.33	52.02	34.19	8.45	8.02	4.0	3.546	99.9
47	7/17/2012 0:15:50	13.81	51.92	34.13	8.15	8.00	5.9	3.454	97.3
48	7/17/2012 0:30:50	14.70	51.81	34.08	7.60	7.98	5.4	3.362	92.4
49	7/17/2012 0:45:49	14.76	51.80	34.07	7.69	7.98	5.4	3.270	93.6
50	7/17/2012 1:00:50	14.93	51.85	34.12	7.71	7.99	6.3	3.174	94.1
51	7/17/2012 1:15:50	15.21	51.81	34.09	7.56	7.98	6.5	3.065	92.8
52	7/17/2012 1:30:50	15.67	51.84	34.12	7.56	7.99	8.5	2.955	93.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	7/17/2012 1:45:50	16.00	51.72	34.05	7.36	7.98	7.1	2.855	91.7
54	7/17/2012 2:00:50	16.09	51.84	34.14	7.40	7.98	6.8	2.738	92.4
55	7/17/2012 2:15:50	16.60	51.75	34.08	7.40	7.99	8.9	2.625	93.3
56	7/17/2012 2:30:50	15.65	51.89	34.16	7.21	7.96	5.1	2.518	89.3
57	7/17/2012 2:45:49	15.40	51.89	34.16	7.09	7.95	5.3	2.393	87.4
58	7/17/2012 3:00:50	16.11	51.77	34.09	7.24	7.97	6.8	2.263	90.4
59	7/17/2012 3:15:50	15.84	51.86	34.15	7.16	7.96	8.1	2.138	89.0
60	7/17/2012 3:30:50	16.35	51.85	34.14	7.16	7.97	7.9	2.023	90.0
61	7/17/2012 3:45:50	16.45	51.79	34.11	7.01	7.96	6.8	1.882	88.1
62	7/17/2012 4:00:50	16.84	51.75	34.08	7.17	7.98	7.0	1.764	90.8
63	7/17/2012 4:15:49	17.05	51.59	33.97	7.13	7.98	6.5	1.650	90.6
64	7/17/2012 4:30:50	17.64	51.55	33.94	7.24	8.00	6.7	1.538	93.0
65	7/17/2012 4:45:50	17.92	51.65	34.02	7.39	8.02	6.5	1.466	95.5
66	7/17/2012 5:00:50	18.19	51.54	33.94	7.33	8.02	6.1	1.370	95.3
67	7/17/2012 5:15:49	18.28	51.52	33.92	7.15	8.03	5.7	1.330	93.1
68	7/17/2012 5:30:49	18.33	51.47	33.89	7.30	8.02	7.5	1.304	95.1
69	7/17/2012 5:45:50	17.90	51.52	33.92	6.71	7.98	9.8	1.304	86.7
70	7/17/2012 6:00:50	18.12	51.60	33.98	7.30	8.02	5.0	1.326	94.7
71	7/17/2012 6:15:49	18.02	51.58	33.96	7.32	8.02	5.1	1.359	94.8
72	7/17/2012 6:30:49	18.09	51.55	33.95	7.34	8.02	5.6	1.423	95.2
73	7/17/2012 6:45:49	18.19	51.59	33.97	7.47	8.03	5.8	1.500	97.1
74	7/17/2012 7:00:49	18.09	51.58	33.96	7.34	8.02	7.1	1.542	95.2
75	7/17/2012 7:15:50	18.08	51.40	33.84	7.33	8.02	7.6	1.611	94.9
76	7/17/2012 7:30:49	18.05	51.40	33.84	7.39	8.02	7.5	1.709	95.7
77	7/17/2012 7:45:49	18.01	51.41	33.84	7.34	8.02	7.3	1.765	95.0
78	7/17/2012 8:00:49	17.99	51.30	33.76	7.34	8.02	7.6	1.828	94.9
79	7/17/2012 8:15:50	17.83	51.29	33.75	7.45	8.02	7.5	1.930	96.0
80	7/17/2012 8:30:49	17.78	51.41	33.84	7.40	8.02	6.2	2.008	95.3
81	7/17/2012 8:45:50	17.69	51.50	33.91	7.38	8.02	6.8	2.095	95.0
82	7/17/2012 9:00:50	17.45	51.53	33.93	7.32	8.01	6.4	2.185	93.8
83	7/17/2012 9:15:50	17.26	51.55	33.94	7.28	8.00	6.6	2.266	92.9
84	7/17/2012 9:30:50	17.10	51.58	33.96	7.26	8.00	8.1	2.377	92.4
85	7/17/2012 9:45:50	17.03	51.61	33.98	7.24	8.00	7.4	2.448	92.0
86	7/17/2012 10:00:50	16.89	51.66	34.02	7.26	8.00	7.6	2.537	92.1
87	7/17/2012 10:15:50	16.75	51.57	33.94	7.26	7.99	6.9	2.617	91.7
88	7/17/2012 10:30:49	16.52	51.53	33.92	7.24	7.99	6.4	2.692	91.1
89	7/17/2012 10:45:50	16.28	51.58	33.94	7.18	7.97	8.4	2.774	89.9
90	7/17/2012 11:00:50	16.07	51.60	33.96	7.08	7.97	8.0	2.836	88.3
91	7/17/2012 11:15:50	15.64	51.50	33.88	7.26	7.97	8.3	2.900	89.8
92	7/17/2012 11:30:49	15.51	51.53	33.89	7.27	7.97	7.0	2.965	89.7
93	7/17/2012 11:45:50	15.25	51.62	33.96	7.35	7.97	6.5	3.016	90.2
94	7/17/2012 12:00:50	15.13	51.62	33.95	7.37	7.97	6.4	3.064	90.2
95	7/17/2012 12:15:50	14.91	51.62	33.95	7.49	7.97	5.6	3.109	91.2
96	7/17/2012 12:30:50	14.72	51.67	33.98	7.61	7.98	5.3	3.141	92.4
97	7/17/2012 12:45:50	14.56	51.68	33.98	7.69	7.98	3.7	3.159	93.1
98	7/17/2012 13:00:50	14.77	51.69	33.99	7.29	7.96	5.1	3.163	88.6
99	7/17/2012 13:15:50	14.64	51.68	33.98	7.62	7.98	6.4	3.158	92.4
100	7/17/2012 13:30:50	14.74	51.65	33.96	7.50	7.97	5.7	3.106	91.1
101	7/17/2012 13:45:50	15.05	51.59	33.93	7.42	7.97	7.5	3.066	90.7
102	7/17/2012 14:00:50	15.69	51.61	33.96	7.24	7.96	6.8	3.022	89.6
103	7/17/2012 14:15:50	15.73	51.54	33.91	7.60	7.99	6.7	2.936	94.2
104	7/17/2012 14:30:50	16.22	51.55	33.92	7.56	7.99	7.0	2.878	94.5
105	7/17/2012 14:45:50	16.35	51.52	33.90	7.38	7.98	5.7	2.816	92.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
106	7/17/2012 15:00:50	16.56	51.54	33.92	7.50	8.00	5.3	2.754	94.4
107	7/17/2012 15:15:49	16.72	51.43	33.84	7.60	8.01	5.2	2.691	96.0
108	7/17/2012 15:30:50	16.93	51.57	33.95	7.75	8.01	5.1	2.622	98.2
109	7/17/2012 15:45:49	17.16	51.43	33.85	7.77	8.01	4.4	2.581	98.9
110	7/17/2012 16:00:50	17.37	51.45	33.86	7.67	8.01	4.3	2.532	98.1
111	7/17/2012 16:15:50	17.50	51.51	33.91	7.65	8.01	4.3	2.467	98.1
112	7/17/2012 16:30:50	17.63	51.55	33.95	7.80	8.01	4.2	2.457	100.2
113	7/17/2012 16:45:50	17.74	51.50	33.91	7.90	8.03	4.3	2.425	101.8
114	7/17/2012 17:00:49	17.80	51.44	33.86	7.26	8.00	4.0	2.395	93.6
115	7/17/2012 17:15:50	17.82	51.51	33.91	6.60	7.95	4.4	2.401	85.2
116	7/17/2012 17:30:50	17.66	51.49	33.90	7.79	7.97	4.3	2.402	100.2
117	7/17/2012 17:45:50	17.73	51.44	33.86	7.43	7.99	4.2	2.410	95.6
118	7/17/2012 18:00:50	17.54	51.46	33.87	8.46	8.06	6.4	2.443	108.5
119	7/17/2012 18:15:50	17.57	51.44	33.86	8.23	8.05	5.7	2.480	105.6
120	7/17/2012 18:30:50	17.66	51.43	33.86	8.09	8.04	5.1	2.517	104.0
121	7/17/2012 18:45:50	17.41	51.46	33.88	7.96	8.03	5.5	2.567	101.9
122	7/17/2012 19:00:50	17.43	51.39	33.82	8.02	8.03	7.1	2.631	102.6
123	7/17/2012 19:15:50	17.25	51.44	33.86	7.89	8.02	6.5	2.700	100.7
124	7/17/2012 19:30:50	16.90	51.48	33.89	7.93	8.02	6.1	2.758	100.4
125	7/17/2012 19:45:50	16.46	51.54	33.92	7.70	7.99	6.1	2.825	96.8
126	7/17/2012 20:00:50	16.13	51.50	33.89	7.68	7.99	7.8	2.905	95.8
127	7/17/2012 20:15:50	16.00	51.54	33.92	7.64	7.98	7.2	2.972	95.1
128	7/17/2012 20:30:50	15.40	51.65	33.98	7.61	7.98	6.7	3.048	93.7
129	7/17/2012 20:45:50	15.09	51.62	33.95	7.66	7.98	6.5	3.130	93.8
130	7/17/2012 21:00:50	14.93	51.57	33.91	7.65	7.97	6.8	3.210	93.3
131	7/17/2012 21:15:50	14.51	51.69	33.99	7.81	7.98	6.5	3.287	94.4
132	7/17/2012 21:30:49	14.02	51.52	33.85	8.03	7.99	7.6	3.372	96.1
133	7/17/2012 21:45:50	13.54	51.80	34.04	8.21	7.99	7.5	3.451	97.4
134	7/17/2012 22:00:50	13.29	51.84	34.06	8.21	7.99	7.5	3.525	97.0
135	7/17/2012 22:15:50	12.94	51.87	34.07	8.28	7.99	7.9	3.599	97.0
136	7/17/2012 22:30:50	12.66	51.90	34.08	8.29	7.99	5.9	3.661	96.6
137	7/17/2012 22:45:50	12.54	51.90	34.07	8.27	7.98	5.4	3.718	96.2
138	7/17/2012 23:00:50	12.40	51.72	33.93	8.32	7.98	5.0	3.759	96.4
139	7/17/2012 23:15:50	12.30	51.78	33.97	8.39	7.98	3.9	3.779	96.9
140	7/17/2012 23:30:50	12.30	51.67	33.89	8.26	7.98	4.0	3.797	95.5
141	7/17/2012 23:45:50	12.42	51.81	34.00	8.35	8.00	4.7	3.797	96.7
142	7/18/2012 0:00:50	12.35	51.68	33.90	8.45	8.00	4.8	3.770	97.8
143	7/18/2012 0:15:50	12.40	51.70	33.91	8.35	7.99	4.6	3.712	96.7
144	7/18/2012 0:30:50	12.93	51.76	33.98	8.12	7.99	4.2	3.654	95.1
145	7/18/2012 0:45:50	13.81	51.65	33.93	7.67	7.96	4.8	3.576	91.5
146	7/18/2012 1:00:50	14.14	51.71	33.99	7.35	7.94	4.4	3.482	88.2
147	7/18/2012 1:15:50	14.30	51.64	33.94	7.43	7.95	5.6	3.378	89.5
148	7/18/2012 1:30:50	14.68	51.65	33.97	7.34	7.95	6.1	3.270	89.0
149	7/18/2012 1:45:50	14.97	51.61	33.94	7.40	7.95	15.6	3.174	90.4
150	7/18/2012 2:00:50	15.20	51.66	33.99	7.17	7.96	7.0	3.062	87.9
151	7/18/2012 2:15:50	15.39	51.68	34.00	7.21	7.94	6.3	2.940	88.7
152	7/18/2012 2:30:50	15.86	51.57	33.93	7.06	7.94	7.2	2.828	87.7
153	7/18/2012 2:45:50	16.19	51.59	33.96	6.99	7.95	6.5	2.720	87.4
154	7/18/2012 3:00:50	16.35	51.62	33.98	7.00	7.94	6.1	2.590	87.8
155	7/18/2012 3:15:50	15.83	51.59	33.95	6.89	7.93	6.7	2.465	85.6
156	7/18/2012 3:30:50	14.77	51.81	34.09	7.18	7.90	6.2	2.343	87.4
157	7/18/2012 3:45:49	15.60	51.57	33.93	7.03	7.93	7.6	2.202	86.9
158	7/18/2012 4:00:50	16.09	51.58	33.95	6.94	7.94	7.9	2.074	86.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
159	7/18/2012 4:15:50	16.37	51.62	33.98	6.95	7.94	6.8	1.936	87.2
160	7/18/2012 4:30:50	16.50	51.60	33.97	6.84	7.94	6.7	1.804	86.0
161	7/18/2012 4:45:50	16.78	51.59	33.96	6.91	7.96	6.7	1.683	87.4
162	7/18/2012 5:00:50	17.09	51.47	33.88	6.97	7.96	7.0	1.561	88.6
163	7/18/2012 5:15:50	17.54	51.40	33.83	7.08	7.98	7.6	1.454	90.7
164	7/18/2012 5:30:50	17.73	51.39	33.82	7.13	7.99	7.0	1.354	91.8
165	7/18/2012 5:45:50	17.79	51.37	33.81	7.10	7.98	8.3	1.307	91.4
166	7/18/2012 6:00:50	17.93	51.37	33.81	7.08	7.99	8.3	1.265	91.5
167	7/18/2012 6:15:50	17.98	51.35	33.79	7.10	7.99	6.2	1.245	91.8
168	7/18/2012 6:30:50	17.85	51.37	33.81	7.03	7.98	6.2	1.270	90.7
169	7/18/2012 6:45:50	17.91	51.33	33.79	7.15	7.99	6.1	1.313	92.3
170	7/18/2012 7:00:50	17.84	51.41	33.84	7.11	7.99	5.9	1.369	91.7
171	7/18/2012 7:15:50	17.86	51.31	33.77	7.13	7.99	5.4	1.426	91.9
172	7/18/2012 7:30:50	17.80	51.37	33.81	7.14	7.99	5.5	1.518	92.0
173	7/18/2012 7:45:49	17.80	50.98	33.52	7.01	7.97	6.7	1.586	90.2
174	7/18/2012 8:00:50	17.75	51.25	33.72	7.06	7.98	6.6	1.654	90.8
175	7/18/2012 8:15:50	17.70	51.20	33.69	7.00	7.97	7.2	1.745	89.9
176	7/18/2012 8:30:50	17.67	51.08	33.60	6.94	7.96	7.3	1.819	89.1
177	7/18/2012 8:45:50	17.55	51.14	33.64	6.99	7.97	7.0	1.901	89.5
178	7/18/2012 9:00:50	17.41	51.29	33.75	7.01	7.97	8.2	1.997	89.6
179	7/18/2012 9:15:50	17.24	51.35	33.79	7.01	7.96	7.7	2.093	89.3
180	7/18/2012 9:30:50	17.09	51.36	33.79	7.01	7.96	8.4	2.183	89.1
181	7/18/2012 9:45:50	16.95	51.45	33.86	7.02	7.96	8.1	2.282	89.0
182	7/18/2012 10:00:50	16.85	51.52	33.91	6.99	7.96	8.7	2.377	88.5
183	7/18/2012 10:15:50	16.75	51.49	33.89	6.96	7.96	8.1	2.462	88.0
184	7/18/2012 10:30:50	16.71	51.57	33.94	6.97	7.95	8.6	2.561	88.1
185	7/18/2012 10:45:50	16.56	51.55	33.93	7.00	7.95	9.2	2.654	88.1
186	7/18/2012 11:00:50	16.35	51.52	33.90	6.98	7.95	9.2	2.732	87.5
187	7/18/2012 11:15:50	16.10	51.50	33.89	7.02	7.94	9.4	2.812	87.6
188	7/18/2012 11:30:50	15.76	51.54	33.91	7.18	7.95	10.7	2.888	89.0
189	7/18/2012 11:45:50	15.50	51.53	33.89	7.24	7.95	10.7	2.964	89.2
190	7/18/2012 12:00:50	15.27	51.57	33.92	7.29	7.95	8.8	3.024	89.5
191	7/18/2012 12:15:50	14.72	51.65	33.97	7.47	7.95	8.6	3.079	90.7
192	7/18/2012 12:30:50	14.32	51.65	33.95	7.66	7.96	8.7	3.141	92.3
193	7/18/2012 12:45:50	14.05	51.69	33.97	7.75	7.97	7.2	3.183	92.8
194	7/18/2012 13:00:50	13.92	51.65	33.94	7.74	7.97	4.8	3.219	92.5
195	7/18/2012 13:15:50	13.83	51.75	34.01	7.72	7.97	5.7	3.245	92.2
196	7/18/2012 13:30:50	13.84	51.66	33.94	7.34	7.94	4.3	3.250	87.6
197	7/18/2012 13:45:50	14.04	51.66	33.95	7.22	7.93	4.4	3.245	86.5
198	7/18/2012 14:00:50	13.97	51.73	34.00	7.46	7.94	3.6	3.211	89.3
199	7/18/2012 14:15:50	14.22	51.66	33.96	7.52	7.94	4.8	3.159	90.4
200	7/18/2012 14:30:50	14.86	51.62	33.95	6.70	7.86	5.2	3.096	81.6
201	7/18/2012 14:45:50	15.34	51.57	33.92	6.76	7.88	4.3	3.029	83.1
202	7/18/2012 15:00:50	15.80	51.61	33.96	6.90	7.89	3.7	2.960	85.6
203	7/18/2012 15:15:50	16.05	51.47	33.86	6.86	7.90	4.7	2.886	85.5
204	7/18/2012 15:30:50	16.30	51.52	33.91	6.75	7.90	4.4	2.802	84.5
205	7/18/2012 15:45:50	16.50	51.50	33.89	6.68	7.90	3.5	2.734	84.0
206	7/18/2012 16:00:50	16.70	51.51	33.90	6.55	7.90	3.3	2.673	82.6
207	7/18/2012 16:15:50	16.88	51.48	33.88	6.49	7.90	3.6	2.599	82.2
208	7/18/2012 16:30:50	17.10	51.51	33.91	6.65	7.91	3.5	2.541	84.6
209	7/18/2012 16:45:49	17.21	51.39	33.82	6.12	7.88	3.8	2.490	77.9
210	7/18/2012 17:00:50	17.36	51.44	33.86	6.11	7.89	3.7	2.440	78.1
211	7/18/2012 17:15:50	17.48	51.47	33.88	6.82	7.93	3.7	2.397	87.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	7/18/2012 17:30:50	17.57	51.51	33.91	6.43	7.90	4.0	2.361	82.6
213	7/18/2012 17:45:50	17.68	51.46	33.87	6.12	7.90	3.4	2.345	78.8
214	7/18/2012 18:00:49	17.88	51.29	33.75	6.68	8.01	3.8	2.334	86.2
215	7/18/2012 18:15:50	17.97	51.49	33.90	10.05	8.17	4.7	2.337	129.9
216	7/18/2012 18:30:50	17.92	51.45	33.87	9.55	8.14	5.3	2.362	123.4
217	7/18/2012 18:45:50	17.81	51.39	33.82	8.94	8.09	6.5	2.395	115.2
218	7/18/2012 19:00:50	17.91	51.39	33.83	8.24	8.04	5.7	2.433	106.4
219	7/18/2012 19:15:50	17.80	51.37	33.81	8.21	8.04	6.3	2.485	105.8
220	7/18/2012 19:30:50	17.75	51.38	33.82	8.17	8.04	9.0	2.547	105.2
221	7/18/2012 19:45:50	17.64	51.43	33.85	8.06	8.02	7.0	2.615	103.5
222	7/18/2012 20:00:50	17.32	51.41	33.83	8.09	8.02	7.0	2.685	103.3
223	7/18/2012 20:15:50	17.02	51.50	33.90	8.11	8.02	6.8	2.762	103.0
224	7/18/2012 20:30:50	16.36	51.56	33.93	7.97	8.00	8.4	2.834	100.0
225	7/18/2012 20:45:50	16.24	51.52	33.90	7.93	8.00	8.3	2.911	99.1
226	7/18/2012 21:00:49	15.46	51.45	33.84	7.79	7.98	8.4	2.987	95.9
227	7/18/2012 21:15:50	15.19	51.50	33.87	7.84	7.98	8.1	3.067	96.1
228	7/18/2012 21:30:49	15.13	51.46	33.84	7.81	7.98	7.4	3.143	95.6
229	7/18/2012 21:45:50	14.43	51.67	33.97	8.09	7.99	9.4	3.229	97.7
230	7/18/2012 22:00:50	14.01	51.57	33.88	8.31	8.00	8.4	3.315	99.4
231	7/18/2012 22:15:50	13.70	51.53	33.84	8.52	8.01	9.0	3.396	101.2
232	7/18/2012 22:30:50	13.46	51.62	33.90	8.77	8.02	9.1	3.480	103.8
233	7/18/2012 22:45:50	13.14	51.69	33.94	8.95	8.03	9.1	3.552	105.2
234	7/18/2012 23:00:50	12.94	51.80	34.01	9.12	8.04	9.2	3.630	106.9
235	7/18/2012 23:15:50	12.84	51.74	33.96	9.28	8.05	8.1	3.691	108.5
236	7/18/2012 23:30:50	12.75	51.77	33.98	9.40	8.06	6.1	3.742	109.7
237	7/18/2012 23:45:50	12.65	51.76	33.97	9.61	8.07	6.1	3.792	111.9
238	7/19/2012 0:00:50	12.62	51.74	33.95	9.59	8.07	6.1	3.817	111.5
239	7/19/2012 0:15:50	12.62	51.81	34.00	9.39	8.05	3.3	3.827	109.3
240	7/19/2012 0:30:50	12.86	51.74	33.96	9.24	8.06	4.2	3.817	108.1
241	7/19/2012 0:45:50	12.66	51.75	33.97	9.55	8.07	3.9	3.787	111.2
242	7/19/2012 1:00:50	12.68	51.82	34.02	9.51	8.07	4.2	3.741	110.8
243	7/19/2012 1:15:50	13.94	51.62	33.91	8.06	7.98	5.7	3.671	96.3
244	7/19/2012 1:30:50	13.89	51.72	33.99	7.76	7.96	4.4	3.572	92.7
245	7/19/2012 1:45:50	13.62	51.69	33.96	7.48	7.94	3.6	3.479	88.8
246	7/19/2012 2:00:50	14.05	51.58	33.89	7.41	7.92	3.4	3.375	88.7
247	7/19/2012 2:15:50	14.47	51.68	33.98	7.15	7.92	3.5	3.259	86.4
248	7/19/2012 2:30:50	14.75	51.66	33.97	7.38	7.96	5.1	3.148	89.7
249	7/19/2012 2:45:50	15.14	51.62	33.95	7.34	7.97	6.3	3.030	89.9
250	7/19/2012 3:00:50	15.47	51.54	33.91	7.20	7.96	5.9	2.919	88.8
251	7/19/2012 3:15:50	15.75	51.45	33.84	6.95	7.96	6.2	2.803	86.1
252	7/19/2012 3:30:50	15.91	51.54	33.91	6.81	7.95	5.1	2.675	84.7
253	7/19/2012 3:45:50	16.03	51.54	33.92	6.57	7.93	4.1	2.548	81.8
254	7/19/2012 4:00:50	15.86	51.52	33.90	6.95	7.94	9.8	2.423	86.3
255	7/19/2012 4:15:49	15.83	51.40	33.80	6.88	7.91	7.3	2.291	85.4
256	7/19/2012 4:30:50	16.02	51.54	33.91	7.15	7.93	7.0	2.153	89.1
257	7/19/2012 4:45:50	16.48	51.45	33.85	7.10	7.94	6.4	2.019	89.2
258	7/19/2012 5:00:50	16.41	51.51	33.90	7.07	7.93	6.7	1.882	88.7
259	7/19/2012 5:15:50	16.71	51.49	33.89	7.05	7.93	5.8	1.745	89.0
260	7/19/2012 5:30:50	16.98	51.36	33.80	6.86	7.93	5.1	1.625	87.0
261	7/19/2012 5:45:49	17.24	51.34	33.79	6.63	7.94	5.4	1.512	84.5
262	7/19/2012 6:00:50	17.52	51.39	33.82	6.70	7.95	5.5	1.391	85.9
263	7/19/2012 6:15:49	17.79	51.27	33.74	6.49	7.94	4.5	1.313	83.6
264	7/19/2012 6:30:50	17.93	51.31	33.77	6.47	7.94	4.7	1.273	83.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	7/19/2012 6:45:49	18.16	51.20	33.69	7.20	8.00	5.4	1.234	93.3
266	7/19/2012 7:00:49	18.18	51.24	33.72	7.00	7.97	5.6	1.224	90.7
267	7/19/2012 7:15:49	18.14	51.23	33.71	7.45	8.00	5.9	1.271	96.5
268	7/19/2012 7:30:49	18.12	51.21	33.70	7.47	8.01	5.9	1.313	96.7
269	7/19/2012 7:45:49	18.08	51.19	33.68	7.54	8.01	6.6	1.396	97.6
270	7/19/2012 8:00:50	18.05	51.30	33.76	7.55	8.01	6.8	1.476	97.8
271	7/19/2012 8:15:49	18.01	50.85	33.43	7.38	7.99	8.6	1.556	95.2
272	7/19/2012 8:30:50	17.96	51.01	33.54	7.37	7.98	8.5	1.642	95.1
273	7/19/2012 8:45:50	17.92	50.93	33.49	7.28	7.98	8.1	1.723	93.8
274	7/19/2012 9:00:50	17.85	50.89	33.45	7.29	7.98	8.7	1.810	93.8
275	7/19/2012 9:15:49	17.73	51.05	33.57	7.30	7.98	8.6	1.903	93.8
276	7/19/2012 9:30:50	17.61	51.21	33.69	7.30	7.98	8.6	1.992	93.7
277	7/19/2012 9:45:50	17.37	51.30	33.75	7.29	7.97	7.6	2.088	93.1
278	7/19/2012 10:00:50	17.14	51.32	33.77	7.27	7.96	7.5	2.187	92.5
279	7/19/2012 10:15:50	17.01	51.38	33.81	7.25	7.96	11.9	2.285	92.0
280	7/19/2012 10:30:50	16.88	51.44	33.85	7.26	7.96	9.3	2.387	92.0
281	7/19/2012 10:45:50	16.69	51.52	33.91	7.28	7.96	9.0	2.487	91.9
282	7/19/2012 11:00:50	16.56	51.42	33.83	7.31	7.96	10.7	2.577	92.0
283	7/19/2012 11:15:50	16.29	51.38	33.80	7.35	7.96	9.9	2.661	92.0
284	7/19/2012 11:30:50	16.16	51.41	33.82	7.31	7.95	10.6	2.757	91.3
285	7/19/2012 11:45:50	15.83	51.42	33.82	7.39	7.95	11.9	2.839	91.7
286	7/19/2012 12:00:50	15.54	51.48	33.86	7.50	7.96	10.4	2.923	92.6
287	7/19/2012 12:15:50	15.29	51.44	33.83	7.60	7.96	9.8	3.002	93.3
288	7/19/2012 12:30:50	14.88	51.35	33.75	7.75	7.97	9.5	3.064	94.3
289	7/19/2012 12:45:49	14.42	51.38	33.75	8.01	7.98	8.9	3.145	96.5
290	7/19/2012 13:00:50	14.18	51.57	33.89	8.13	7.99	8.3	3.201	97.7
291	7/19/2012 13:15:50	14.07	51.61	33.91	8.16	7.99	7.8	3.247	97.7
292	7/19/2012 13:30:50	14.06	51.57	33.89	7.99	7.98	6.2	3.293	95.7
293	7/19/2012 13:45:50	13.97	51.56	33.88	8.13	7.98	5.7	3.328	97.2
294	7/19/2012 14:00:50	13.91	51.54	33.86	7.93	7.97	3.7	3.337	94.7
295	7/19/2012 14:15:50	14.18	51.55	33.88	7.71	7.97	6.0	3.323	92.6
296	7/19/2012 14:30:50	14.06	51.56	33.88	7.57	7.96	5.1	3.295	90.7
297	7/19/2012 14:45:50	14.00	51.49	33.83	7.13	7.92	10.2	3.264	85.3
298	7/19/2012 15:00:50	14.28	51.48	33.83	7.44	7.92	5.0	3.197	89.5
299	7/19/2012 15:15:50	14.64	51.37	33.76	6.27	7.82	3.2	3.109	75.9
300	7/19/2012 15:30:50	14.97	51.47	33.84	6.65	7.85	3.2	3.035	81.1
301	7/19/2012 15:45:50	15.46	51.52	33.88	6.77	7.86	3.2	2.964	83.5
302	7/19/2012 16:00:50	15.72	51.42	33.82	6.34	7.84	2.9	2.878	78.4
303	7/19/2012 16:15:50	16.01	51.42	33.82	6.49	7.87	6.1	2.792	80.8
304	7/19/2012 16:30:50	16.17	51.45	33.85	6.29	7.84	3.1	2.721	78.6
305	7/19/2012 16:45:50	16.34	51.44	33.84	6.18	7.85	2.8	2.651	77.4
306	7/19/2012 17:00:50	16.56	51.45	33.86	6.32	7.88	2.8	2.583	79.6
307	7/19/2012 17:15:49	16.70	51.35	33.79	6.81	7.93	2.9	2.515	85.9
308	7/19/2012 17:30:50	16.88	51.41	33.83	7.32	8.00	3.5	2.464	92.7
309	7/19/2012 17:45:50	17.19	51.32	33.77	8.26	8.05	4.0	2.401	105.2
310	7/19/2012 18:00:49	17.35	51.37	33.81	8.28	8.08	4.5	2.360	105.8
311	7/19/2012 18:15:50	17.51	51.39	33.83	8.51	8.05	4.6	2.332	109.1
312	7/19/2012 18:30:50	17.66	51.38	33.82	8.27	8.04	3.6	2.303	106.2
313	7/19/2012 18:45:50	17.70	51.39	33.83	7.52	8.00	3.9	2.284	96.7
314	7/19/2012 19:00:49	17.75	51.29	33.75	7.23	7.97	4.4	2.304	93.0
315	7/19/2012 19:15:50	17.70	51.35	33.79	8.88	8.09	6.1	2.326	114.2
316	7/19/2012 19:30:50	17.59	51.34	33.79	8.93	8.08	5.2	2.338	114.6
317	7/19/2012 19:45:50	17.47	51.35	33.80	8.74	8.06	6.6	2.394	111.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	7/19/2012 20:00:50	17.33	51.33	33.78	8.29	8.03	7.3	2.469	105.8
319	7/19/2012 20:15:50	17.29	51.34	33.78	8.28	8.03	8.9	2.527	105.6
320	7/19/2012 20:30:50	17.06	51.28	33.74	8.15	8.01	8.1	2.599	103.4
321	7/19/2012 20:45:49	16.91	51.40	33.83	8.16	8.01	7.6	2.676	103.3
322	7/19/2012 21:00:50	16.68	51.44	33.85	8.18	8.01	7.2	2.753	103.2
323	7/19/2012 21:15:50	16.16	51.50	33.89	8.05	8.00	7.2	2.833	100.5
324	7/19/2012 21:30:50	15.81	51.48	33.87	7.89	7.98	7.6	2.908	97.8
325	7/19/2012 21:45:49	15.57	51.44	33.83	7.84	7.98	6.7	2.989	96.8
326	7/19/2012 22:00:50	15.41	51.38	33.78	7.89	7.98	7.3	3.087	97.0
327	7/19/2012 22:15:50	15.04	51.46	33.83	8.01	7.99	8.1	3.162	97.8
328	7/19/2012 22:30:50	14.68	51.51	33.86	8.10	7.99	8.3	3.239	98.2
329	7/19/2012 22:45:50	14.30	51.54	33.87	8.23	8.00	8.4	3.334	99.1
330	7/19/2012 23:00:50	13.99	51.61	33.91	8.32	8.00	9.5	3.420	99.5
331	7/19/2012 23:15:50	13.57	51.69	33.95	8.70	8.03	10.5	3.503	103.2
332	7/19/2012 23:30:50	13.34	51.69	33.95	8.90	8.04	10.0	3.572	105.1
333	7/19/2012 23:45:50	13.09	51.72	33.96	9.24	8.06	9.2	3.642	108.6
334	7/20/2012 0:00:50	12.91	51.75	33.98	9.46	8.08	6.5	3.712	110.8
335	7/20/2012 0:15:50	12.75	51.81	34.01	9.66	8.09	5.4	3.752	112.8
336	7/20/2012 0:30:50	12.70	51.79	34.00	9.73	8.09	4.8	3.787	113.5
337	7/20/2012 0:45:50	12.68	51.83	34.02	9.66	8.09	3.1	3.819	112.6
338	7/20/2012 1:00:50	12.80	51.80	34.01	9.39	8.06	4.4	3.822	109.7
339	7/20/2012 1:15:50	12.97	51.71	33.95	9.31	8.07	3.4	3.803	109.1
340	7/20/2012 1:30:49	12.75	51.58	33.84	9.65	8.09	4.0	3.771	112.6
341	7/20/2012 1:45:50	12.88	51.78	33.99	9.16	8.06	5.4	3.715	107.2
342	7/20/2012 2:00:50	14.12	51.62	33.92	8.13	8.00	6.1	3.632	97.5
343	7/20/2012 2:15:50	14.35	51.58	33.90	7.59	7.96	5.4	3.558	91.5
344	7/20/2012 2:30:50	14.00	51.60	33.90	7.96	7.98	5.3	3.458	95.3
345	7/20/2012 2:45:50	14.35	51.57	33.90	7.98	7.98	5.1	3.331	96.1
346	7/20/2012 3:00:50	14.63	51.45	33.82	7.84	7.97	6.7	3.233	95.0
347	7/20/2012 3:15:50	14.87	51.46	33.83	7.69	7.96	7.5	3.118	93.6
348	7/20/2012 3:30:50	15.04	51.37	33.77	7.56	7.96	6.1	2.995	92.3
349	7/20/2012 3:45:50	15.31	51.39	33.79	7.30	7.94	5.9	2.880	89.6
350	7/20/2012 4:00:50	15.65	51.22	33.67	7.15	7.93	5.9	2.751	88.3
351	7/20/2012 4:15:50	15.90	51.52	33.90	7.01	7.92	6.2	2.633	87.1
352	7/20/2012 4:30:50	15.85	51.51	33.88	7.18	7.93	7.8	2.495	89.2
353	7/20/2012 4:45:50	15.65	51.35	33.76	6.36	7.87	6.1	2.363	78.6
354	7/20/2012 5:00:49	15.61	51.19	33.65	6.57	7.91	5.7	2.228	81.0
355	7/20/2012 5:15:50	15.91	51.45	33.85	7.10	7.93	6.8	2.106	88.3
356	7/20/2012 5:30:50	16.02	51.47	33.87	6.61	7.91	5.2	1.950	82.4
357	7/20/2012 5:45:50	16.28	51.44	33.84	6.25	7.90	3.9	1.812	78.3
358	7/20/2012 6:00:50	16.60	51.42	33.83	6.63	7.93	4.7	1.693	83.5
359	7/20/2012 6:15:50	16.85	51.42	33.84	6.89	7.94	4.7	1.559	87.2
360	7/20/2012 6:30:50	17.08	51.32	33.76	6.99	7.95	6.1	1.449	88.8
361	7/20/2012 6:45:50	17.21	51.29	33.75	6.96	7.95	5.3	1.364	88.7
362	7/20/2012 7:00:50	17.40	51.29	33.75	6.89	7.96	5.2	1.281	88.0
363	7/20/2012 7:15:50	17.66	51.21	33.69	6.81	7.94	5.4	1.259	87.4
364	7/20/2012 7:30:50	17.47	51.31	33.76	5.30	7.87	4.8	1.264	67.9
365	7/20/2012 7:45:50	17.72	51.19	33.68	7.10	7.98	5.8	1.287	91.2
366	7/20/2012 8:00:50	17.84	51.19	33.68	7.23	7.99	5.6	1.344	93.2
367	7/20/2012 8:15:49	17.81	51.11	33.62	7.21	8.00	5.9	1.418	92.8
368	7/20/2012 8:30:50	17.79	51.21	33.70	7.26	7.99	4.9	1.494	93.4
369	7/20/2012 8:45:49	17.75	51.14	33.64	7.13	7.99	7.3	1.558	91.7
370	7/20/2012 9:00:49	17.67	50.86	33.44	7.05	7.97	5.6	1.663	90.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	7/20/2012 9:15:50	17.60	50.92	33.48	7.05	7.97	5.9	1.739	90.3
372	7/20/2012 9:30:50	17.52	50.96	33.51	7.02	7.97	5.3	1.823	89.8
373	7/20/2012 9:45:50	17.45	50.98	33.52	7.04	7.97	5.3	1.921	89.9
374	7/20/2012 10:00:50	17.31	51.08	33.59	7.08	7.97	5.7	2.004	90.3
375	7/20/2012 10:15:50	17.14	51.14	33.64	7.07	7.96	5.1	2.111	89.9
376	7/20/2012 10:30:50	16.96	51.29	33.74	7.23	7.96	7.0	2.206	91.6
377	7/20/2012 10:45:50	16.75	51.29	33.74	7.22	7.96	5.3	2.304	91.2
378	7/20/2012 11:00:49	16.65	51.30	33.75	7.22	7.96	9.5	2.417	90.9
379	7/20/2012 11:15:50	16.55	51.37	33.80	7.26	7.95	8.1	2.505	91.3
380	7/20/2012 11:30:50	16.44	51.38	33.80	7.29	7.95	8.3	2.607	91.5
381	7/20/2012 11:45:50	16.28	51.39	33.81	7.34	7.96	7.6	2.705	91.8
382	7/20/2012 12:00:50	16.12	51.24	33.69	7.36	7.95	9.9	2.793	91.7
383	7/20/2012 12:15:50	15.94	51.20	33.66	7.40	7.96	8.5	2.876	91.9
384	7/20/2012 12:30:50	15.59	51.29	33.72	7.59	7.96	9.2	2.969	93.7
385	7/20/2012 12:45:49	15.37	51.15	33.62	7.72	7.97	8.6	3.045	94.8
386	7/20/2012 13:00:50	14.86	51.41	33.79	7.91	7.98	9.6	3.117	96.2
387	7/20/2012 13:15:50	14.40	51.41	33.78	8.13	8.00	8.3	3.185	97.9
388	7/20/2012 13:30:50	14.07	51.57	33.89	8.41	8.02	7.6	3.253	100.8
389	7/20/2012 13:45:50	13.86	51.55	33.86	8.58	8.03	5.9	3.312	102.3
390	7/20/2012 14:00:50	13.78	51.56	33.87	8.63	8.03	4.3	3.359	102.8
391	7/20/2012 14:15:50	13.73	51.50	33.83	8.66	8.03	11.8	3.388	103.0
Mean		15.92	51.53	33.90	7.62	7.98	6.29	2.65	94.60
Minimum		12.30	50.85	33.43	5.30	7.82	2.80	1.22	67.90
Maximum		18.33	52.07	34.22	10.05	8.17	19.40	3.83	129.90

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	7/20/2012 14:46:33	13.69	50.91	33.39	8.42	8.04	5.3	3.328	99.8
1	7/20/2012 15:01:33	13.70	50.88	33.37	8.41	8.04	5.9	3.293	99.7
2	7/20/2012 15:16:33	13.77	50.87	33.36	8.25	8.04	6.2	3.237	97.9
3	7/20/2012 15:31:33	14.27	50.86	33.37	8.22	8.05	6.0	3.181	98.6
4	7/20/2012 15:46:33	14.87	50.79	33.34	8.24	8.05	6.7	3.112	100.0
5	7/20/2012 16:01:33	15.47	50.73	33.31	8.60	8.08	6.0	3.022	105.6
6	7/20/2012 16:16:33	15.65	50.75	33.32	8.80	8.09	5.5	2.924	108.5
7	7/20/2012 16:31:33	15.83	50.73	33.32	9.27	8.12	5.7	2.836	114.6
8	7/20/2012 16:46:33	15.94	50.75	33.33	9.69	8.16	5.3	2.758	120.1
9	7/20/2012 17:01:33	16.11	50.69	33.29	10.10	8.17	6.0	2.664	125.6
10	7/20/2012 17:16:33	16.56	50.67	33.28	9.22	8.13	8.2	2.582	115.7
11	7/20/2012 17:31:33	16.81	50.59	33.23	9.44	8.14	5.5	2.521	118.9
12	7/20/2012 17:46:33	16.92	50.67	33.29	9.88	8.17	5.4	2.441	124.8
13	7/20/2012 18:01:33	17.13	50.68	33.30	10.17	8.20	6.2	2.357	129.0
14	7/20/2012 18:16:32	17.30	50.55	33.20	10.45	8.21	5.0	2.299	132.9
15	7/20/2012 18:31:33	17.69	50.63	33.26	9.51	8.18	5.7	2.246	121.9
16	7/20/2012 18:46:33	17.81	50.60	33.25	9.47	8.18	5.0	2.195	121.6
17	7/20/2012 19:01:33	17.96	49.79	32.65	9.42	8.19	4.8	2.154	120.9
18	7/20/2012 19:16:33	18.01	50.62	33.26	9.20	8.20	4.8	2.133	118.7
19	7/20/2012 19:31:32	18.11	50.60	33.25	8.92	8.17	5.1	2.122	115.2
20	7/20/2012 19:46:32	18.05	50.62	33.26	9.24	8.22	4.6	2.134	119.3
21	7/20/2012 20:01:33	17.97	50.63	33.27	9.49	8.18	5.1	2.153	122.3
22	7/20/2012 20:16:33	18.05	50.57	33.22	8.89	8.13	5.9	2.192	114.7
23	7/20/2012 20:31:33	18.17	50.45	33.13	8.53	8.10	5.9	2.253	110.3
24	7/20/2012 20:46:33	18.03	50.48	33.16	8.46	8.10	6.9	2.320	109.1
25	7/20/2012 21:01:33	17.89	50.51	33.18	8.46	8.09	8.7	2.391	108.8
26	7/20/2012 21:16:33	17.94	50.50	33.17	8.40	8.09	7.5	2.470	108.1
27	7/20/2012 21:31:33	17.62	50.57	33.22	8.34	8.08	6.7	2.551	106.7
28	7/20/2012 21:46:33	17.42	50.59	33.24	8.32	8.07	7.7	2.631	106.0
29	7/20/2012 22:01:33	16.85	50.64	33.26	8.17	8.06	7.5	2.702	103.0
30	7/20/2012 22:16:33	16.33	50.69	33.30	7.98	8.04	7.9	2.776	99.6
31	7/20/2012 22:31:33	15.93	50.73	33.32	7.89	8.03	7.5	2.863	97.7
32	7/20/2012 22:46:33	15.72	50.76	33.33	7.95	8.04	7.6	2.944	98.0
33	7/20/2012 23:01:33	15.60	50.76	33.33	7.96	8.04	8.4	3.020	98.0
34	7/20/2012 23:16:33	15.30	50.80	33.35	8.09	8.05	8.1	3.103	99.0
35	7/20/2012 23:31:33	14.98	50.79	33.34	8.24	8.06	7.9	3.186	100.2
36	7/20/2012 23:46:33	14.67	50.80	33.34	8.42	8.07	8.2	3.265	101.8
37	7/21/2012 0:01:33	14.20	50.78	33.31	8.78	8.10	8.9	3.351	105.1
38	7/21/2012 0:16:33	13.87	50.84	33.35	9.06	8.11	9.4	3.425	107.8
39	7/21/2012 0:31:33	13.67	47.59	30.97	9.41	8.13	7.8	3.500	109.8
40	7/21/2012 0:46:33	13.44	49.94	32.67	9.49	8.14	7.0	3.556	111.4
41	7/21/2012 1:01:33	13.26	47.64	31.00	9.74	8.15	4.4	3.615	112.7
42	7/21/2012 1:16:33	13.17	50.87	33.34	9.69	8.16	3.9	3.644	113.6
43	7/21/2012 1:31:33	13.15	48.41	31.55	9.54	8.15	3.6	3.664	110.6
44	7/21/2012 1:46:33	13.66	50.82	33.32	9.25	8.14	4.7	3.666	109.5
45	7/21/2012 2:01:33	13.34	50.89	33.36	9.46	8.15	3.4	3.648	111.4
46	7/21/2012 2:16:33	13.39	50.92	33.39	9.35	8.14	9.0	3.594	110.2
47	7/21/2012 2:31:33	13.90	50.68	33.23	8.76	8.10	6.2	3.524	104.1
48	7/21/2012 2:46:33	14.12	50.80	33.33	8.21	8.07	5.6	3.451	98.1
49	7/21/2012 3:01:33	14.20	50.78	33.31	8.16	8.06	5.4	3.355	97.7
50	7/21/2012 3:16:33	14.34	50.79	33.32	8.37	8.08	6.7	3.245	100.5
51	7/21/2012 3:31:33	14.86	50.74	33.30	8.06	8.06	7.2	3.136	97.7
52	7/21/2012 3:46:33	15.07	50.71	33.29	7.91	8.05	7.6	3.015	96.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
53	7/21/2012 4:01:33	15.21	50.69	33.27	7.77	8.05	7.1	2.909	94.9
54	7/21/2012 4:16:33	15.71	50.68	33.28	7.42	8.02	7.0	2.798	91.5
55	7/21/2012 4:31:33	16.13	50.64	33.25	7.12	8.00	7.1	2.664	88.6
56	7/21/2012 4:46:33	16.17	50.63	33.25	7.06	8.00	7.4	2.545	87.9
57	7/21/2012 5:01:33	16.04	50.58	33.21	7.35	8.02	7.0	2.424	91.2
58	7/21/2012 5:16:33	15.95	50.61	33.23	7.41	8.01	8.2	2.298	91.7
59	7/21/2012 5:31:33	16.03	50.59	33.21	7.27	8.01	9.1	2.155	90.2
60	7/21/2012 5:46:33	16.13	50.68	33.28	7.20	8.00	7.4	2.009	89.6
61	7/21/2012 6:01:33	16.15	50.62	33.24	7.17	8.00	6.9	1.890	89.2
62	7/21/2012 6:16:33	16.41	50.56	33.20	7.02	7.99	6.5	1.744	87.7
63	7/21/2012 6:31:33	16.67	50.60	33.23	7.01	8.00	6.2	1.610	88.1
64	7/21/2012 6:46:33	16.77	50.58	33.22	7.03	7.99	7.0	1.482	88.5
65	7/21/2012 7:01:33	16.94	50.55	33.20	7.14	8.01	7.4	1.376	90.1
66	7/21/2012 7:16:33	17.17	50.54	33.19	7.01	8.01	5.9	1.296	88.9
67	7/21/2012 7:31:33	17.41	50.53	33.19	7.26	8.03	6.7	1.215	92.5
68	7/21/2012 7:46:33	17.74	50.49	33.17	7.28	8.06	6.5	1.199	93.3
69	7/21/2012 8:01:33	17.60	50.55	33.21	6.37	7.99	6.2	1.177	81.4
70	7/21/2012 8:16:33	17.81	50.49	33.16	7.24	8.05	6.1	1.198	92.9
71	7/21/2012 8:31:33	17.88	50.45	33.14	7.31	8.07	6.2	1.267	94.0
72	7/21/2012 8:46:33	17.85	50.44	33.13	7.32	8.07	6.1	1.312	94.0
73	7/21/2012 9:01:33	17.85	50.42	33.11	7.33	8.07	6.6	1.398	94.1
74	7/21/2012 9:16:33	17.80	50.38	33.09	7.33	8.06	7.1	1.483	94.0
75	7/21/2012 9:31:33	17.76	49.99	32.80	7.23	8.04	9.4	1.577	92.6
76	7/21/2012 9:46:33	17.66	50.13	32.90	7.20	8.04	7.9	1.641	92.1
77	7/21/2012 10:01:33	17.61	50.14	32.91	7.18	8.03	8.2	1.734	91.7
78	7/21/2012 10:16:33	17.51	50.25	32.98	7.28	8.04	9.5	1.836	92.8
79	7/21/2012 10:31:33	17.34	50.36	33.06	7.28	8.03	9.1	1.915	92.5
80	7/21/2012 10:46:33	17.24	50.40	33.09	7.28	8.03	7.8	2.015	92.4
81	7/21/2012 11:01:33	17.01	50.45	33.13	7.27	8.02	8.3	2.115	91.8
82	7/21/2012 11:16:33	16.71	50.50	33.16	7.30	8.02	8.7	2.227	91.8
83	7/21/2012 11:31:33	16.64	50.53	33.18	7.26	8.01	9.8	2.320	91.1
84	7/21/2012 11:46:33	16.51	50.58	33.22	7.26	8.01	9.7	2.421	90.9
85	7/21/2012 12:01:33	16.43	50.55	33.19	7.31	8.01	10.3	2.522	91.5
86	7/21/2012 12:16:33	16.32	50.58	33.21	7.41	8.02	10.6	2.611	92.4
87	7/21/2012 12:31:33	16.17	50.48	33.14	7.46	8.02	11.1	2.708	92.8
88	7/21/2012 12:46:33	15.88	50.53	33.17	7.56	8.03	12.5	2.794	93.5
89	7/21/2012 13:01:33	15.63	50.52	33.16	7.71	8.04	11.9	2.873	94.9
90	7/21/2012 13:16:33	15.33	50.61	33.21	7.86	8.04	11.3	2.966	96.1
91	7/21/2012 13:31:33	14.70	50.62	33.21	8.16	8.06	11.9	3.037	98.7
92	7/21/2012 13:46:33	14.35	50.66	33.23	8.39	8.07	10.4	3.117	100.7
93	7/21/2012 14:01:33	14.18	50.69	33.25	8.51	8.09	9.4	3.182	101.8
94	7/21/2012 14:16:33	14.12	50.61	33.19	8.56	8.09	8.2	3.247	102.3
95	7/21/2012 14:31:33	14.11	50.67	33.23	8.59	8.10	7.8	3.302	102.6
96	7/21/2012 14:46:33	14.04	50.70	33.24	8.62	8.10	5.1	3.329	102.8
97	7/21/2012 15:01:33	14.02	50.69	33.24	8.36	8.09	3.9	3.356	99.6
98	7/21/2012 15:16:33	14.14	50.72	33.27	8.57	8.10	4.5	3.351	102.4
99	7/21/2012 15:31:33	14.05	50.69	33.24	8.53	8.10	6.5	3.321	101.8
100	7/21/2012 15:46:33	14.07	50.70	33.25	8.49	8.09	7.1	3.275	101.3
101	7/21/2012 16:01:33	14.23	50.69	33.25	8.56	8.09	6.9	3.220	102.5
102	7/21/2012 16:16:33	14.90	50.65	33.23	8.84	8.12	7.5	3.135	107.3
103	7/21/2012 16:31:33	15.22	50.63	33.23	9.02	8.13	7.5	3.043	110.1
104	7/21/2012 16:46:33	15.28	50.62	33.22	9.17	8.15	7.8	2.954	112.1
105	7/21/2012 17:01:33	15.29	50.62	33.23	9.28	8.16	6.7	2.867	113.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
106	7/21/2012 17:16:33	15.34	50.62	33.22	9.58	8.18	6.2	2.766	117.3
107	7/21/2012 17:31:33	15.70	50.53	33.16	9.60	8.17	7.5	2.668	118.3
108	7/21/2012 17:46:33	15.93	50.42	33.09	9.66	8.18	7.1	2.594	119.5
109	7/21/2012 18:01:33	15.98	50.61	33.23	9.80	8.20	7.1	2.509	121.4
110	7/21/2012 18:16:33	16.30	50.59	33.22	9.48	8.19	7.9	2.420	118.2
111	7/21/2012 18:31:33	16.42	50.57	33.20	9.72	8.20	7.3	2.335	121.5
112	7/21/2012 18:46:33	16.55	50.57	33.21	9.56	8.20	7.5	2.269	119.9
113	7/21/2012 19:01:33	16.79	50.47	33.14	9.38	8.18	7.7	2.192	118.1
114	7/21/2012 19:16:33	16.87	50.46	33.13	9.56	8.20	7.8	2.114	120.5
115	7/21/2012 19:31:33	16.98	50.52	33.18	9.68	8.23	9.2	2.052	122.3
116	7/21/2012 19:46:33	17.25	50.50	33.17	8.93	8.17	7.9	2.024	113.4
117	7/21/2012 20:01:33	17.42	50.50	33.17	8.39	8.14	7.2	1.990	106.9
118	7/21/2012 20:16:33	17.59	50.47	33.15	8.10	8.12	6.2	1.977	103.5
119	7/21/2012 20:31:33	17.75	50.47	33.15	7.74	8.10	6.6	1.986	99.3
120	7/21/2012 20:46:33	17.55	50.51	33.17	8.24	8.12	6.5	2.014	105.2
121	7/21/2012 21:01:33	17.78	50.47	33.15	8.16	8.10	7.6	2.055	104.7
122	7/21/2012 21:16:33	17.89	50.40	33.10	8.18	8.10	8.8	2.107	105.2
123	7/21/2012 21:31:33	17.83	50.46	33.14	8.11	8.10	8.0	2.182	104.1
124	7/21/2012 21:46:33	17.74	50.39	33.09	8.09	8.09	10.9	2.271	103.7
125	7/21/2012 22:01:33	17.76	50.34	33.06	8.12	8.09	9.3	2.342	104.1
126	7/21/2012 22:16:33	17.54	50.41	33.10	8.12	8.09	8.7	2.418	103.7
127	7/21/2012 22:31:33	17.34	50.45	33.13	8.12	8.08	8.3	2.510	103.3
128	7/21/2012 22:46:33	17.14	50.46	33.13	8.11	8.08	8.7	2.579	102.7
129	7/21/2012 23:01:33	16.62	50.50	33.16	8.00	8.07	8.9	2.652	100.4
130	7/21/2012 23:16:33	16.09	50.55	33.19	7.97	8.06	7.7	2.727	98.9
131	7/21/2012 23:31:33	15.98	50.52	33.17	7.95	8.06	7.6	2.807	98.6
132	7/21/2012 23:46:33	15.79	50.58	33.21	8.01	8.06	7.9	2.882	99.0
133	7/22/2012 0:01:33	15.68	50.58	33.20	8.05	8.07	7.0	2.958	99.1
134	7/22/2012 0:16:33	15.33	50.60	33.21	8.17	8.07	8.0	3.036	100.0
135	7/22/2012 0:31:33	15.12	50.60	33.21	8.18	8.08	8.7	3.113	99.7
136	7/22/2012 0:46:33	14.84	50.58	33.19	8.26	8.08	9.2	3.192	100.1
137	7/22/2012 1:01:33	14.43	50.62	33.20	8.31	8.08	8.6	3.262	99.9
138	7/22/2012 1:16:33	14.20	50.63	33.20	8.35	8.08	8.6	3.334	99.9
139	7/22/2012 1:31:33	14.02	50.64	33.21	8.40	8.08	6.4	3.394	100.1
140	7/22/2012 1:46:33	13.75	50.65	33.20	8.47	8.09	5.4	3.447	100.4
141	7/22/2012 2:01:33	13.58	50.68	33.22	8.51	8.10	5.1	3.481	100.5
142	7/22/2012 2:16:33	13.54	50.70	33.23	8.20	8.08	3.3	3.498	96.8
143	7/22/2012 2:31:33	13.90	50.65	33.20	8.29	8.09	4.4	3.508	98.6
144	7/22/2012 2:46:33	13.56	50.67	33.21	8.18	8.08	4.2	3.482	96.6
145	7/22/2012 3:01:33	13.60	50.63	33.18	8.38	8.09	7.7	3.432	99.0
146	7/22/2012 3:16:33	14.01	50.64	33.21	8.14	8.08	8.1	3.380	97.0
147	7/22/2012 3:31:33	14.50	50.62	33.20	7.86	8.06	9.4	3.296	94.5
148	7/22/2012 3:46:33	14.75	50.61	33.20	7.70	8.05	9.2	3.191	93.1
149	7/22/2012 4:01:33	14.66	50.55	33.15	7.72	8.05	7.4	3.090	93.2
150	7/22/2012 4:16:33	15.07	50.70	33.28	7.64	8.05	6.8	3.000	93.0
151	7/22/2012 4:31:33	15.50	50.57	33.19	7.54	8.04	8.1	2.891	92.5
152	7/22/2012 4:46:33	15.74	50.64	33.25	7.40	8.03	8.6	2.778	91.3
153	7/22/2012 5:01:33	16.14	50.57	33.20	7.04	8.01	8.6	2.674	87.6
154	7/22/2012 5:16:33	16.35	50.54	33.19	6.95	8.00	8.7	2.563	86.8
155	7/22/2012 5:31:33	16.45	50.55	33.19	6.84	8.00	9.2	2.446	85.5
156	7/22/2012 5:46:33	16.42	50.53	33.18	7.02	8.01	11.3	2.325	87.8
157	7/22/2012 6:01:33	16.30	50.52	33.17	7.13	8.01	9.8	2.203	88.9
158	7/22/2012 6:16:33	16.06	50.64	33.25	6.91	8.00	14.7	2.076	85.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
159	7/22/2012 6:31:33	16.27	50.56	33.20	6.85	7.99	9.4	1.944	85.4
160	7/22/2012 6:46:33	16.51	50.55	33.19	6.86	7.99	8.4	1.814	85.9
161	7/22/2012 7:01:33	16.62	50.55	33.20	6.90	8.00	8.8	1.692	86.6
162	7/22/2012 7:16:33	16.73	50.56	33.20	6.92	8.00	8.2	1.569	87.0
163	7/22/2012 7:31:33	16.88	50.48	33.15	6.95	8.00	7.6	1.464	87.7
164	7/22/2012 7:46:33	17.02	50.52	33.18	6.91	8.01	11.9	1.371	87.3
165	7/22/2012 8:01:33	17.20	50.44	33.12	6.91	8.01	7.8	1.299	87.6
166	7/22/2012 8:16:33	17.33	50.51	33.18	6.89	8.01	7.2	1.246	87.6
167	7/22/2012 8:31:33	17.44	50.47	33.15	6.87	8.02	6.5	1.212	87.6
168	7/22/2012 8:46:33	17.09	50.53	33.18	6.71	8.00	6.2	1.227	85.0
169	7/22/2012 9:01:33	17.41	50.49	33.16	6.83	8.02	6.5	1.260	87.1
170	7/22/2012 9:16:33	17.44	50.45	33.13	6.89	8.02	7.6	1.308	87.9
171	7/22/2012 9:31:33	17.60	50.46	33.14	6.95	8.03	9.5	1.397	88.8
172	7/22/2012 9:46:33	17.59	50.42	33.11	6.97	8.03	8.0	1.472	89.0
173	7/22/2012 10:01:33	17.56	50.17	32.93	6.91	8.02	9.5	1.558	88.1
174	7/22/2012 10:16:33	17.53	50.05	32.84	6.83	8.02	9.4	1.650	87.0
175	7/22/2012 10:31:33	17.48	50.06	32.84	6.79	8.01	9.0	1.725	86.5
176	7/22/2012 10:46:33	17.33	50.26	32.99	6.90	8.02	9.0	1.820	87.7
177	7/22/2012 11:01:33	17.22	50.31	33.02	6.92	8.02	8.4	1.914	87.8
178	7/22/2012 11:16:33	17.14	50.35	33.06	6.94	8.02	8.6	2.009	87.8
179	7/22/2012 11:31:33	17.00	50.37	33.07	6.98	8.02	8.8	2.099	88.2
180	7/22/2012 11:46:33	16.75	50.44	33.12	7.15	8.02	9.2	2.199	90.0
181	7/22/2012 12:01:33	16.66	50.49	33.15	7.20	8.02	10.0	2.310	90.5
182	7/22/2012 12:16:33	16.61	50.48	33.14	7.20	8.02	11.7	2.408	90.3
183	7/22/2012 12:31:33	16.46	50.50	33.16	7.23	8.02	11.7	2.504	90.4
184	7/22/2012 12:46:33	16.35	50.48	33.14	7.30	8.02	11.5	2.594	91.2
185	7/22/2012 13:01:33	16.24	50.44	33.11	7.38	8.03	11.1	2.693	91.9
186	7/22/2012 13:16:33	16.05	50.43	33.10	7.44	8.03	12.5	2.779	92.3
187	7/22/2012 13:31:33	15.76	50.41	33.08	7.55	8.03	13.0	2.860	93.2
188	7/22/2012 13:46:33	15.47	50.44	33.09	7.68	8.04	12.6	2.951	94.1
189	7/22/2012 14:01:33	15.00	50.47	33.10	7.83	8.04	11.5	3.036	95.2
190	7/22/2012 14:16:33	14.65	50.49	33.11	7.97	8.05	12.5	3.112	96.2
191	7/22/2012 14:31:33	14.41	50.57	33.16	8.07	8.06	12.7	3.190	96.9
192	7/22/2012 14:46:33	14.29	50.53	33.13	8.09	8.06	13.2	3.257	96.9
193	7/22/2012 15:01:33	14.23	50.57	33.16	8.05	8.06	9.3	3.319	96.4
194	7/22/2012 15:16:33	14.10	50.62	33.19	8.16	8.06	5.9	3.359	97.4
195	7/22/2012 15:31:33	14.04	50.62	33.19	8.04	8.06	4.4	3.370	95.9
196	7/22/2012 15:46:33	14.19	50.56	33.15	7.74	8.05	5.4	3.384	92.5
197	7/22/2012 16:01:33	14.05	50.61	33.18	8.06	8.06	6.4	3.352	96.1
198	7/22/2012 16:16:33	14.12	50.60	33.18	8.16	8.06	14.1	3.306	97.5
199	7/22/2012 16:31:33	14.43	50.56	33.16	8.15	8.07	10.1	3.255	98.0
200	7/22/2012 16:46:33	14.98	50.53	33.15	8.30	8.09	11.3	3.175	100.8
201	7/22/2012 17:01:33	15.13	50.55	33.17	8.29	8.09	12.2	3.082	101.0
202	7/22/2012 17:16:33	15.10	50.54	33.16	8.40	8.10	12.3	2.990	102.2
203	7/22/2012 17:31:33	15.06	50.56	33.17	8.37	8.10	11.1	2.902	101.8
204	7/22/2012 17:46:33	15.19	50.57	33.19	8.30	8.10	11.4	2.808	101.3
205	7/22/2012 18:01:33	15.51	50.36	33.03	8.34	8.10	12.3	2.701	102.3
206	7/22/2012 18:16:32	15.88	50.40	33.08	8.23	8.09	15.8	2.621	101.7
207	7/22/2012 18:31:33	16.08	50.47	33.13	8.37	8.10	13.7	2.535	103.9
208	7/22/2012 18:46:33	16.34	50.42	33.10	8.15	8.09	16.2	2.438	101.7
209	7/22/2012 19:01:33	16.50	50.45	33.12	8.21	8.09	17.0	2.345	102.7
210	7/22/2012 19:16:33	16.65	50.46	33.13	8.02	8.08	16.8	2.260	100.7
211	7/22/2012 19:31:33	16.67	50.48	33.14	8.14	8.09	15.4	2.181	102.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	7/22/2012 19:46:33	16.63	50.45	33.12	8.24	8.11	14.5	2.079	103.4
213	7/22/2012 20:01:33	16.71	50.45	33.12	7.95	8.09	12.5	2.015	99.9
214	7/22/2012 20:16:33	16.84	50.47	33.14	8.04	8.10	12.3	1.959	101.3
215	7/22/2012 20:31:33	16.81	50.44	33.11	7.94	8.09	13.9	1.904	99.9
216	7/22/2012 20:46:32	17.15	50.34	33.04	7.67	8.07	13.5	1.873	97.1
217	7/22/2012 21:01:33	17.42	50.42	33.11	7.26	8.05	11.9	1.855	92.4
218	7/22/2012 21:16:33	17.58	50.44	33.13	6.46	8.03	9.4	1.858	82.6
219	7/22/2012 21:31:33	17.58	50.39	33.09	7.24	8.05	11.8	1.888	92.5
220	7/22/2012 21:46:33	17.71	50.46	33.14	7.39	8.05	12.4	1.919	94.7
221	7/22/2012 22:01:33	17.80	50.46	33.14	7.42	8.06	15.0	1.972	95.3
222	7/22/2012 22:16:33	17.80	50.36	33.07	7.41	8.05	16.2	2.055	95.0
223	7/22/2012 22:31:33	17.90	50.25	32.99	7.53	8.07	15.6	2.123	96.8
224	7/22/2012 22:46:33	17.93	50.23	32.97	7.53	8.07	12.6	2.205	96.8
225	7/22/2012 23:01:33	17.60	50.35	33.06	7.52	8.05	17.7	2.293	96.1
226	7/22/2012 23:16:33	17.46	50.38	33.08	7.52	8.05	15.3	2.370	95.8
227	7/22/2012 23:31:33	17.29	50.42	33.11	7.56	8.05	15.8	2.442	96.0
228	7/22/2012 23:46:33	16.84	50.38	33.07	7.54	8.04	17.4	2.513	95.0
229	7/23/2012 0:01:33	16.51	50.50	33.16	7.58	8.04	15.3	2.593	94.9
230	7/23/2012 0:16:33	16.41	50.53	33.18	7.63	8.04	13.0	2.662	95.3
231	7/23/2012 0:31:33	16.23	50.52	33.17	7.68	8.05	11.9	2.724	95.6
232	7/23/2012 0:46:33	16.14	50.50	33.15	7.68	8.05	13.1	2.802	95.4
233	7/23/2012 1:01:33	15.93	50.50	33.15	7.75	8.05	12.6	2.876	95.9
234	7/23/2012 1:16:33	15.69	50.52	33.16	7.79	8.05	10.1	2.939	95.9
235	7/23/2012 1:31:33	15.47	50.55	33.18	7.84	8.06	9.9	3.015	96.2
236	7/23/2012 1:46:33	15.29	50.40	33.06	7.89	8.06	10.4	3.080	96.4
237	7/23/2012 2:01:33	14.92	50.57	33.17	8.00	8.06	8.6	3.148	97.1
238	7/23/2012 2:16:33	14.68	50.58	33.18	7.99	8.05	7.8	3.206	96.5
239	7/23/2012 2:31:33	14.51	50.57	33.16	7.96	8.05	6.4	3.262	95.8
240	7/23/2012 2:46:33	14.30	50.60	33.18	7.90	8.05	5.1	3.296	94.6
241	7/23/2012 3:01:33	14.10	50.66	33.22	7.79	8.03	4.3	3.326	93.1
242	7/23/2012 3:16:33	14.33	50.36	33.01	7.51	8.03	4.1	3.338	90.0
243	7/23/2012 3:31:33	14.17	50.65	33.21	7.79	8.04	3.6	3.322	93.1
244	7/23/2012 3:46:33	14.00	50.69	33.24	7.95	8.04	5.7	3.287	94.7
245	7/23/2012 4:01:33	14.26	50.68	33.24	7.76	8.04	7.2	3.235	93.0
246	7/23/2012 4:16:33	15.69	50.59	33.21	6.42	7.94	8.4	3.159	79.1
247	7/23/2012 4:31:33	15.14	50.64	33.23	7.17	8.01	7.6	3.074	87.4
248	7/23/2012 4:46:33	15.30	50.58	33.19	7.15	8.00	7.2	2.983	87.4
249	7/23/2012 5:01:33	15.50	50.51	33.14	7.02	8.00	7.8	2.877	86.2
250	7/23/2012 5:16:33	15.72	50.57	33.19	6.77	7.99	8.1	2.785	83.5
251	7/23/2012 5:31:33	15.97	50.49	33.14	6.69	7.99	8.9	2.685	82.9
252	7/23/2012 5:46:33	16.22	50.54	33.18	6.35	7.97	8.1	2.584	79.0
253	7/23/2012 6:01:33	16.30	50.53	33.18	6.14	7.95	8.1	2.483	76.6
254	7/23/2012 6:16:33	16.14	50.61	33.23	6.13	7.94	8.9	2.367	76.2
255	7/23/2012 6:31:33	16.13	50.56	33.20	6.13	7.93	8.7	2.267	76.2
256	7/23/2012 6:46:33	16.23	50.59	33.22	6.14	7.94	9.4	2.139	76.5
257	7/23/2012 7:01:33	16.26	50.52	33.17	6.40	7.95	11.0	2.024	79.7
258	7/23/2012 7:16:33	16.22	50.62	33.24	6.24	7.94	9.2	1.914	77.7
259	7/23/2012 7:31:33	16.30	50.59	33.22	6.19	7.94	7.8	1.797	77.2
260	7/23/2012 7:46:33	16.31	50.56	33.20	6.30	7.95	7.7	1.687	78.6
261	7/23/2012 8:01:33	16.46	50.49	33.15	6.26	7.95	7.3	1.584	78.2
262	7/23/2012 8:16:33	16.60	50.53	33.18	6.44	7.96	8.0	1.497	80.8
263	7/23/2012 8:31:33	16.69	50.55	33.19	6.28	7.96	6.5	1.422	79.0
264	7/23/2012 8:46:33	16.79	50.49	33.15	6.11	7.97	6.2	1.365	76.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	7/23/2012 9:01:33	16.88	50.54	33.19	6.28	7.99	6.8	1.355	79.3
266	7/23/2012 9:16:33	16.83	50.58	33.22	5.08	7.89	6.7	1.336	64.0
267	7/23/2012 9:31:33	16.98	50.56	33.21	6.67	8.00	8.1	1.364	84.3
268	7/23/2012 9:46:33	16.97	50.47	33.14	6.78	8.00	8.4	1.403	85.6
269	7/23/2012 10:01:33	17.16	50.51	33.17	6.71	8.00	9.5	1.465	85.1
270	7/23/2012 10:16:33	17.23	50.50	33.17	6.62	8.00	10.4	1.540	84.0
271	7/23/2012 10:31:33	17.19	50.38	33.08	6.56	7.99	10.1	1.621	83.1
272	7/23/2012 10:46:33	17.17	50.13	32.90	6.47	7.98	10.1	1.702	81.9
273	7/23/2012 11:01:33	17.13	50.13	32.89	6.40	7.98	9.8	1.782	80.9
274	7/23/2012 11:16:33	16.99	50.26	32.99	6.50	7.98	9.8	1.873	82.1
275	7/23/2012 11:31:33	16.89	50.37	33.07	6.54	7.98	9.5	1.954	82.4
276	7/23/2012 11:46:33	16.85	50.43	33.11	6.56	7.98	9.8	2.035	82.6
277	7/23/2012 12:01:33	16.80	50.39	33.08	6.56	7.98	10.9	2.136	82.5
278	7/23/2012 12:16:33	16.58	50.42	33.10	6.82	8.00	12.1	2.234	85.4
279	7/23/2012 12:31:33	16.53	50.49	33.15	6.90	8.00	10.6	2.328	86.5
280	7/23/2012 12:46:33	16.59	50.49	33.15	6.98	8.01	13.3	2.430	87.5
281	7/23/2012 13:01:33	16.56	50.50	33.16	7.07	8.01	12.5	2.524	88.5
282	7/23/2012 13:16:33	16.40	50.51	33.16	7.10	8.01	13.4	2.613	88.8
283	7/23/2012 13:31:33	16.30	50.51	33.16	7.16	8.01	13.9	2.707	89.3
284	7/23/2012 13:46:33	16.19	50.47	33.13	7.22	8.02	15.1	2.801	89.8
285	7/23/2012 14:01:33	15.81	50.45	33.11	7.39	8.02	17.4	2.893	91.2
286	7/23/2012 14:16:33	15.54	50.49	33.14	7.52	8.02	15.8	2.982	92.3
287	7/23/2012 14:31:33	14.95	50.52	33.14	7.63	8.01	17.0	3.072	92.7
288	7/23/2012 14:46:33	14.35	50.60	33.18	7.74	8.01	15.7	3.151	92.9
289	7/23/2012 15:01:33	14.08	50.62	33.19	7.81	8.01	16.6	3.230	93.2
290	7/23/2012 15:16:33	13.99	50.59	33.16	7.82	8.02	14.5	3.305	93.1
291	7/23/2012 15:31:33	13.77	50.68	33.22	7.86	8.02	10.6	3.365	93.3
292	7/23/2012 15:46:33	13.57	50.73	33.26	7.90	8.01	7.4	3.414	93.3
293	7/23/2012 16:01:33	13.50	50.71	33.24	7.70	8.00	5.5	3.442	90.9
294	7/23/2012 16:16:33	13.90	50.45	33.06	7.59	8.02	4.7	3.457	90.1
295	7/23/2012 16:31:33	13.60	50.68	33.22	7.79	8.01	5.1	3.441	92.1
296	7/23/2012 16:46:33	13.54	50.70	33.23	7.61	8.00	11.3	3.409	89.9
297	7/23/2012 17:01:33	13.76	50.73	33.26	7.75	8.01	9.5	3.350	91.9
298	7/23/2012 17:16:33	15.26	50.60	33.20	8.55	8.10	12.0	3.271	104.5
299	7/23/2012 17:31:33	15.29	50.59	33.20	8.54	8.09	10.3	3.185	104.4
300	7/23/2012 17:46:33	15.37	50.60	33.21	8.73	8.11	9.2	3.103	106.9
301	7/23/2012 18:01:33	15.65	50.56	33.19	8.45	8.09	9.5	3.004	104.1
302	7/23/2012 18:16:33	15.85	50.56	33.19	8.70	8.11	9.1	2.902	107.6
303	7/23/2012 18:31:33	16.08	50.57	33.20	8.49	8.11	9.4	2.797	105.4
304	7/23/2012 18:46:33	15.96	50.62	33.24	9.05	8.14	7.9	2.718	112.2
305	7/23/2012 19:01:33	16.10	50.55	33.19	8.91	8.14	6.8	2.625	110.7
306	7/23/2012 19:16:33	16.30	50.62	33.25	9.02	8.14	7.0	2.523	112.5
307	7/23/2012 19:31:33	16.35	50.57	33.20	9.17	8.16	7.3	2.430	114.5
308	7/23/2012 19:46:33	16.45	50.50	33.16	9.29	8.16	7.0	2.340	116.1
309	7/23/2012 20:01:33	16.61	50.60	33.24	9.04	8.15	6.4	2.247	113.4
310	7/23/2012 20:16:33	16.70	50.55	33.19	9.23	8.16	7.3	2.152	116.0
311	7/23/2012 20:31:33	16.83	50.50	33.16	8.99	8.15	8.4	2.054	113.3
312	7/23/2012 20:46:33	17.13	50.55	33.20	8.52	8.12	8.4	1.993	108.0
313	7/23/2012 21:01:33	17.41	50.48	33.15	8.12	8.10	7.3	1.935	103.4
314	7/23/2012 21:16:33	17.72	50.51	33.18	7.82	8.09	6.8	1.862	100.2
315	7/23/2012 21:31:33	18.04	50.51	33.18	7.69	8.08	6.5	1.812	99.2
316	7/23/2012 21:46:33	18.19	50.51	33.18	7.24	8.07	5.4	1.803	93.7
317	7/23/2012 22:01:33	18.21	50.57	33.22	6.57	8.06	6.2	1.804	85.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
318	7/23/2012 22:16:33	18.26	50.48	33.16	7.50	8.07	5.8	1.793	97.1
319	7/23/2012 22:31:33	18.28	50.51	33.18	7.63	8.07	7.9	1.830	98.8
320	7/23/2012 22:46:33	18.13	50.49	33.17	7.81	8.07	9.5	1.889	100.9
321	7/23/2012 23:01:33	18.11	50.50	33.17	7.80	8.07	8.4	1.946	100.7
322	7/23/2012 23:16:33	18.23	50.40	33.10	7.75	8.07	8.7	2.005	100.2
323	7/23/2012 23:31:33	18.40	50.29	33.02	7.71	8.06	8.8	2.069	100.0
324	7/23/2012 23:46:33	18.23	50.30	33.03	7.78	8.06	9.2	2.166	100.7
325	7/24/2012 0:01:33	18.01	50.42	33.11	7.72	8.06	8.0	2.234	99.4
326	7/24/2012 0:16:33	17.87	50.44	33.13	7.67	8.06	7.1	2.292	98.6
327	7/24/2012 0:31:33	17.61	50.45	33.13	7.71	8.06	7.0	2.368	98.5
328	7/24/2012 0:46:33	17.28	50.51	33.17	7.63	8.05	7.3	2.439	96.9
329	7/24/2012 1:01:33	17.06	50.52	33.18	7.52	8.04	7.3	2.517	95.2
330	7/24/2012 1:16:33	16.83	50.51	33.17	7.45	8.03	6.9	2.579	93.9
331	7/24/2012 1:31:33	16.63	50.46	33.13	7.54	8.04	6.6	2.651	94.6
332	7/24/2012 1:46:33	16.45	50.53	33.18	7.55	8.04	7.4	2.724	94.4
333	7/24/2012 2:01:33	16.25	50.55	33.19	7.61	8.04	7.9	2.785	94.8
334	7/24/2012 2:16:33	15.98	50.57	33.20	7.59	8.03	7.3	2.857	94.0
335	7/24/2012 2:31:33	15.78	50.58	33.20	7.62	8.03	6.4	2.917	94.1
336	7/24/2012 2:46:33	15.65	50.60	33.21	7.62	8.03	6.7	2.980	93.8
337	7/24/2012 3:01:33	15.35	50.58	33.20	7.69	8.03	6.4	3.036	94.1
338	7/24/2012 3:16:33	14.99	50.65	33.24	7.71	8.03	5.5	3.087	93.8
339	7/24/2012 3:31:33	14.93	50.72	33.29	7.65	8.02	4.7	3.134	92.9
340	7/24/2012 3:46:33	14.80	50.70	33.27	7.57	8.01	4.1	3.168	91.7
341	7/24/2012 4:01:33	14.61	50.70	33.26	7.30	8.01	3.4	3.181	88.1
342	7/24/2012 4:16:33	14.79	50.73	33.29	6.95	7.98	4.6	3.186	84.2
343	7/24/2012 4:31:33	14.65	50.75	33.30	7.33	7.97	4.7	3.181	88.5
344	7/24/2012 4:46:33	14.80	50.66	33.24	7.51	8.01	5.3	3.136	90.9
345	7/24/2012 5:01:33	15.24	50.42	33.07	7.25	8.00	7.0	3.078	88.5
346	7/24/2012 5:16:33	16.17	50.48	33.14	6.75	7.96	7.3	3.028	83.9
347	7/24/2012 5:31:33	15.67	50.58	33.20	7.23	8.00	6.6	2.943	89.1
348	7/24/2012 5:46:33	16.20	50.55	33.19	6.58	7.96	7.5	2.850	81.9
349	7/24/2012 6:01:33	16.17	50.57	33.20	6.69	7.97	7.1	2.760	83.2
350	7/24/2012 6:16:33	16.27	50.54	33.18	6.71	7.97	7.3	2.674	83.6
351	7/24/2012 6:31:33	16.37	50.54	33.18	6.52	7.96	7.1	2.589	81.4
352	7/24/2012 6:46:33	16.50	50.54	33.19	6.41	7.95	6.5	2.485	80.3
353	7/24/2012 7:01:33	16.51	50.50	33.16	6.37	7.94	6.8	2.392	79.8
354	7/24/2012 7:16:33	16.40	50.59	33.23	6.38	7.94	8.9	2.295	79.7
355	7/24/2012 7:31:33	16.75	50.53	33.18	6.59	7.97	7.8	2.194	82.9
356	7/24/2012 7:46:33	16.47	50.65	33.27	6.52	7.95	8.0	2.100	81.6
357	7/24/2012 8:01:33	16.63	50.58	33.22	6.60	7.96	7.2	2.004	82.8
358	7/24/2012 8:16:33	16.70	50.57	33.21	6.70	7.97	6.8	1.914	84.3
359	7/24/2012 8:31:33	16.81	50.63	33.26	6.84	7.98	6.8	1.822	86.2
360	7/24/2012 8:46:33	17.00	50.58	33.22	6.95	7.99	6.3	1.746	87.9
361	7/24/2012 9:01:33	17.10	50.56	33.21	6.85	8.00	5.7	1.682	86.7
362	7/24/2012 9:16:33	17.30	50.57	33.22	7.07	8.02	5.7	1.622	89.9
363	7/24/2012 9:31:33	17.45	50.56	33.22	7.17	8.03	5.5	1.597	91.4
364	7/24/2012 9:46:33	17.55	50.58	33.23	7.03	8.03	5.6	1.572	89.9
365	7/24/2012 10:01:33	17.45	50.54	33.20	6.16	7.98	6.2	1.572	78.6
366	7/24/2012 10:16:33	17.68	50.55	33.21	6.98	8.01	6.2	1.599	89.4
367	7/24/2012 10:31:33	17.64	50.52	33.18	6.96	8.01	6.7	1.623	89.0
368	7/24/2012 10:46:33	17.67	50.52	33.18	6.89	8.00	8.4	1.689	88.2
369	7/24/2012 11:01:33	17.65	50.56	33.21	6.89	8.00	8.1	1.758	88.2
370	7/24/2012 11:16:33	17.75	50.33	33.04	6.81	7.99	11.6	1.817	87.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	7/24/2012 11:31:33	17.68	50.27	33.00	6.65	7.98	9.9	1.902	85.1
372	7/24/2012 11:46:33	17.58	50.33	33.05	6.71	7.98	9.2	1.991	85.7
373	7/24/2012 12:01:33	17.43	50.38	33.08	6.76	7.99	8.7	2.068	86.1
374	7/24/2012 12:16:33	17.41	50.46	33.14	6.78	7.99	8.3	2.157	86.4
375	7/24/2012 12:31:33	17.31	50.50	33.17	6.77	7.98	8.4	2.249	86.1
376	7/24/2012 12:46:33	17.18	50.53	33.19	6.81	7.98	8.1	2.327	86.4
377	7/24/2012 13:01:33	17.06	50.56	33.21	7.04	8.00	13.4	2.428	89.1
378	7/24/2012 13:16:33	16.97	50.58	33.22	7.15	8.01	10.0	2.510	90.3
379	7/24/2012 13:31:33	16.80	50.61	33.24	7.19	8.01	10.6	2.595	90.5
380	7/24/2012 13:46:33	16.59	50.61	33.24	7.27	8.01	10.9	2.685	91.2
381	7/24/2012 14:01:33	16.43	50.55	33.20	7.31	8.01	13.4	2.780	91.4
382	7/24/2012 14:16:33	16.24	50.58	33.21	7.32	8.00	11.2	2.869	91.2
383	7/24/2012 14:31:33	15.61	50.57	33.19	7.54	8.00	13.1	2.960	92.7
384	7/24/2012 14:46:33	15.21	50.64	33.24	7.63	8.00	12.1	3.046	93.1
385	7/24/2012 15:01:33	14.94	50.67	33.25	7.73	8.00	11.8	3.129	93.9
386	7/24/2012 15:16:33	14.49	50.71	33.27	7.85	7.99	11.5	3.217	94.5
387	7/24/2012 15:31:33	14.05	50.75	33.28	7.99	7.99	10.7	3.299	95.3
388	7/24/2012 15:46:33	13.83	50.77	33.29	8.02	8.00	9.8	3.373	95.2
389	7/24/2012 16:01:33	13.70	50.80	33.31	8.04	8.00	8.1	3.437	95.3
390	7/24/2012 16:16:33	13.55	50.83	33.32	8.06	7.99	5.8	3.494	95.2
391	7/24/2012 16:31:33	13.46	50.81	33.31	7.98	7.99	4.7	3.533	94.1
392	7/24/2012 16:46:33	13.37	50.81	33.31	7.77	7.99	3.9	3.555	91.4
393	7/24/2012 17:01:33	13.78	50.76	33.29	8.15	8.01	6.5	3.567	96.8
394	7/24/2012 17:16:33	13.40	50.80	33.30	8.19	8.00	6.8	3.548	96.5
395	7/24/2012 17:31:33	13.31	50.79	33.29	8.20	8.00	7.2	3.510	96.4
396	7/24/2012 17:46:33	13.51	50.75	33.26	8.03	8.00	7.2	3.454	94.8
397	7/24/2012 18:01:33	15.45	50.74	33.31	8.54	8.09	7.4	3.382	104.8
398	7/24/2012 18:16:33	15.29	50.58	33.19	8.52	8.08	7.5	3.297	104.1
399	7/24/2012 18:31:33	15.84	50.61	33.22	8.69	8.10	8.9	3.191	107.4
400	7/24/2012 18:46:33	15.59	50.60	33.21	8.21	8.06	9.4	3.098	101.0
401	7/24/2012 19:01:33	15.91	50.58	33.20	8.09	8.06	11.9	3.000	100.2
402	7/24/2012 19:16:33	16.12	50.54	33.18	7.96	8.05	11.3	2.894	98.9
403	7/24/2012 19:31:33	16.27	50.59	33.22	7.92	8.06	7.8	2.797	98.8
404	7/24/2012 19:46:33	16.50	50.53	33.18	7.93	8.06	8.2	2.703	99.3
405	7/24/2012 20:01:33	16.73	50.52	33.18	7.74	8.06	7.2	2.608	97.3
406	7/24/2012 20:16:33	16.85	50.54	33.19	7.57	8.04	7.3	2.507	95.5
407	7/24/2012 20:31:33	16.81	50.71	33.32	7.96	8.06	9.4	2.399	100.4
408	7/24/2012 20:46:33	16.94	50.58	33.22	7.80	8.04	8.5	2.313	98.5
409	7/24/2012 21:01:33	16.63	50.55	33.19	7.99	8.05	7.4	2.218	100.2
410	7/24/2012 21:16:33	16.72	50.60	33.23	7.87	8.05	7.5	2.118	98.9
411	7/24/2012 21:31:33	16.93	50.59	33.23	7.77	8.04	7.8	2.029	98.1
412	7/24/2012 21:46:33	17.47	50.61	33.25	7.69	8.05	7.4	1.959	98.2
413	7/24/2012 22:01:33	18.02	50.62	33.26	7.78	8.07	7.5	1.888	100.3
414	7/24/2012 22:16:33	17.97	50.68	33.31	7.68	8.06	7.0	1.817	99.0
415	7/24/2012 22:31:33	18.42	50.63	33.27	7.76	8.08	6.6	1.790	100.9
416	7/24/2012 22:46:32	18.58	50.60	33.25	7.71	8.08	6.2	1.774	100.4
417	7/24/2012 23:01:33	18.44	50.69	33.31	7.15	8.06	5.6	1.753	93.0
418	7/24/2012 23:16:33	18.49	50.62	33.26	7.39	8.06	5.9	1.758	96.2
419	7/24/2012 23:31:32	18.41	50.58	33.23	7.69	8.07	6.5	1.818	99.9
420	7/24/2012 23:46:33	18.30	50.61	33.25	7.70	8.07	6.9	1.855	99.8
421	7/25/2012 0:01:33	18.26	50.59	33.24	7.69	8.06	6.5	1.902	99.6
422	7/25/2012 0:16:33	18.21	50.47	33.16	7.70	8.06	6.9	1.972	99.6
423	7/25/2012 0:31:33	18.38	50.41	33.10	7.53	8.05	8.6	2.057	97.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
424	7/25/2012 0:46:33	18.23	50.46	33.15	7.53	8.05	6.7	2.123	97.4
425	7/25/2012 1:01:33	18.05	50.50	33.17	7.50	8.05	6.7	2.180	96.7
426	7/25/2012 1:16:33	17.93	50.55	33.21	7.50	8.04	6.8	2.257	96.5
427	7/25/2012 1:31:33	17.71	50.50	33.17	7.51	8.04	6.1	2.318	96.2
428	7/25/2012 1:46:33	17.42	50.57	33.22	7.47	8.03	6.2	2.378	95.2
429	7/25/2012 2:01:33	17.19	50.55	33.20	7.39	8.03	6.0	2.446	93.8
430	7/25/2012 2:16:33	17.06	50.61	33.25	7.33	8.02	6.1	2.506	92.8
431	7/25/2012 2:31:33	16.91	50.62	33.25	7.32	8.02	6.5	2.571	92.4
432	7/25/2012 2:46:33	16.72	50.60	33.24	7.35	8.02	6.5	2.631	92.4
433	7/25/2012 3:01:33	16.57	50.64	33.26	7.36	8.02	6.2	2.692	92.4
434	7/25/2012 3:16:33	16.41	50.64	33.26	7.39	8.02	5.9	2.752	92.4
435	7/25/2012 3:31:33	16.20	50.64	33.25	7.39	8.01	5.7	2.806	92.0
436	7/25/2012 3:46:33	16.05	50.62	33.24	7.38	8.01	5.5	2.864	91.7
437	7/25/2012 4:01:33	15.86	50.65	33.26	7.36	8.00	5.4	2.915	91.1
438	7/25/2012 4:16:33	15.72	50.66	33.26	7.38	8.00	5.0	2.962	91.0
439	7/25/2012 4:31:33	15.46	50.71	33.29	7.34	8.00	4.8	2.999	90.1
440	7/25/2012 4:46:33	15.30	50.66	33.25	7.21	7.98	3.9	3.043	88.2
441	7/25/2012 5:01:33	15.21	50.69	33.27	7.19	7.98	3.9	3.064	87.8
442	7/25/2012 5:16:33	15.55	50.64	33.24	7.00	7.99	5.9	3.066	86.0
443	7/25/2012 5:31:33	15.14	50.70	33.28	7.07	7.97	4.8	3.064	86.2
444	7/25/2012 5:46:33	15.15	50.73	33.30	7.24	7.99	5.4	3.032	88.3
445	7/25/2012 6:01:33	15.32	50.68	33.27	7.22	7.99	5.4	3.000	88.4
446	7/25/2012 6:16:33	15.96	50.57	33.20	6.79	7.95	6.5	2.931	84.1
447	7/25/2012 6:31:33	16.00	50.67	33.28	6.75	7.95	7.1	2.854	83.7
448	7/25/2012 6:46:33	16.09	50.68	33.28	6.63	7.95	7.3	2.791	82.4
449	7/25/2012 7:01:33	16.21	50.65	33.26	6.40	7.93	7.1	2.701	79.7
450	7/25/2012 7:16:33	16.26	50.67	33.28	6.53	7.94	6.7	2.617	81.4
451	7/25/2012 7:31:33	16.20	50.70	33.30	6.48	7.93	7.0	2.528	80.8
452	7/25/2012 7:46:33	16.15	50.67	33.27	6.48	7.93	6.4	2.449	80.6
453	7/25/2012 8:01:33	16.41	50.60	33.23	6.48	7.94	6.4	2.371	81.0
454	7/25/2012 8:16:33	16.34	50.70	33.30	6.40	7.94	6.4	2.280	79.9
455	7/25/2012 8:31:33	16.21	50.47	33.13	6.59	7.94	6.5	2.211	82.0
456	7/25/2012 8:46:33	16.66	50.67	33.29	6.60	7.96	6.2	2.129	82.9
457	7/25/2012 9:01:33	16.75	50.67	33.29	6.77	7.97	5.9	2.055	85.2
458	7/25/2012 9:16:33	17.06	50.67	33.29	6.87	7.98	5.8	1.991	87.0
459	7/25/2012 9:31:33	17.21	50.62	33.25	6.95	8.00	6.0	1.921	88.2
460	7/25/2012 9:46:33	17.44	50.62	33.26	6.93	8.00	5.7	1.885	88.4
461	7/25/2012 10:01:33	17.53	50.65	33.28	7.00	8.01	5.3	1.843	89.4
462	7/25/2012 10:16:33	17.74	50.58	33.23	6.82	8.00	5.3	1.816	87.4
463	7/25/2012 10:31:33	17.88	50.55	33.21	6.55	8.00	5.0	1.815	84.2
464	7/25/2012 10:46:33	17.75	50.60	33.24	5.91	7.97	4.5	1.814	75.8
465	7/25/2012 11:01:33	17.89	50.64	33.27	6.44	7.98	5.0	1.831	82.8
466	7/25/2012 11:16:33	17.79	50.62	33.26	6.55	7.99	5.6	1.870	84.2
467	7/25/2012 11:31:33	17.82	50.62	33.26	6.61	7.99	6.4	1.921	84.9
468	7/25/2012 11:46:33	17.78	50.62	33.26	6.69	7.99	5.9	1.978	85.9
469	7/25/2012 12:01:33	17.72	50.59	33.24	6.75	7.99	7.2	2.049	86.6
470	7/25/2012 12:16:33	17.66	50.52	33.18	6.62	7.98	7.5	2.117	84.8
471	7/25/2012 12:31:33	17.51	50.56	33.21	6.73	7.98	7.6	2.198	86.0
472	7/25/2012 12:46:33	17.43	50.62	33.26	6.77	7.98	7.9	2.263	86.3
473	7/25/2012 13:01:33	17.26	50.60	33.24	6.77	7.98	9.2	2.341	86.0
474	7/25/2012 13:16:33	17.10	50.61	33.24	6.77	7.97	7.9	2.427	85.8
475	7/25/2012 13:31:33	16.82	50.65	33.27	6.89	7.98	8.0	2.503	86.8
476	7/25/2012 13:46:33	16.69	50.59	33.23	6.99	7.98	7.9	2.576	87.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
477	7/25/2012 14:01:33	16.61	50.66	33.28	7.05	7.98	10.0	2.662	88.6
478	7/25/2012 14:16:33	16.52	50.66	33.28	7.13	7.98	9.4	2.748	89.3
479	7/25/2012 14:31:33	16.34	50.67	33.28	7.22	7.99	10.3	2.827	90.2
480	7/25/2012 14:46:33	16.11	50.63	33.24	7.29	7.98	9.9	2.913	90.6
481	7/25/2012 15:01:33	15.81	50.57	33.20	7.30	7.98	9.5	2.993	90.2
482	7/25/2012 15:16:33	15.25	50.65	33.24	7.43	7.97	10.7	3.084	90.8
483	7/25/2012 15:31:33	14.84	50.69	33.27	7.57	7.97	11.1	3.173	91.8
484	7/25/2012 15:46:33	14.44	50.72	33.27	7.69	7.97	10.0	3.252	92.5
485	7/25/2012 16:01:33	13.87	50.74	33.27	7.91	7.98	9.7	3.336	94.0
486	7/25/2012 16:16:33	13.54	50.81	33.31	8.07	7.98	9.5	3.414	95.3
487	7/25/2012 16:31:33	13.31	50.84	33.32	8.25	7.99	8.1	3.482	97.0
488	7/25/2012 16:46:33	13.15	50.85	33.32	8.36	8.00	7.2	3.542	97.9
489	7/25/2012 17:01:33	13.06	50.88	33.35	8.46	8.01	6.8	3.590	98.9
490	7/25/2012 17:16:33	12.97	50.90	33.35	8.55	8.01	5.4	3.627	99.8
491	7/25/2012 17:31:33	12.98	50.89	33.35	8.17	8.01	4.3	3.638	95.4
492	7/25/2012 17:46:33	13.22	50.83	33.31	7.97	7.99	4.3	3.641	93.5
493	7/25/2012 18:01:33	13.05	50.87	33.34	8.23	8.00	4.2	3.618	96.3
494	7/25/2012 18:16:33	13.01	50.86	33.33	8.45	8.01	5.6	3.578	98.7
495	7/25/2012 18:31:33	13.22	50.76	33.26	8.27	8.01	5.4	3.519	97.0
496	7/25/2012 18:46:33	14.81	50.79	33.33	8.55	8.06	7.7	3.439	103.6
497	7/25/2012 19:01:33	14.81	50.70	33.27	8.49	8.06	7.3	3.357	102.9
498	7/25/2012 19:16:33	15.18	50.53	33.15	8.30	8.06	7.8	3.257	101.2
499	7/25/2012 19:31:33	15.36	50.66	33.25	8.01	8.05	6.9	3.168	98.2
500	7/25/2012 19:46:33	15.66	50.65	33.25	7.86	8.04	7.5	3.064	96.9
501	7/25/2012 20:01:33	15.80	50.61	33.23	7.61	8.02	8.7	2.961	94.0
502	7/25/2012 20:16:33	15.99	50.63	33.25	7.68	8.03	7.5	2.870	95.3
503	7/25/2012 20:31:33	16.12	50.60	33.22	7.58	8.03	7.3	2.768	94.2
504	7/25/2012 20:46:33	16.33	50.63	33.25	7.56	8.02	6.7	2.670	94.4
505	7/25/2012 21:01:33	16.75	50.51	33.17	7.53	8.03	8.1	2.574	94.8
506	7/25/2012 21:16:33	16.78	50.49	33.16	7.41	8.02	7.7	2.468	93.3
507	7/25/2012 21:31:33	16.62	50.63	33.26	7.38	8.02	9.2	2.372	92.7
508	7/25/2012 21:46:33	16.46	50.64	33.26	7.39	8.01	7.6	2.267	92.5
509	7/25/2012 22:01:33	16.43	50.64	33.26	7.37	8.01	7.5	2.170	92.1
510	7/25/2012 22:16:33	16.64	50.71	33.32	7.24	8.00	7.6	2.070	91.0
511	7/25/2012 22:31:33	16.74	50.68	33.30	7.15	8.00	6.5	1.976	89.9
512	7/25/2012 22:46:33	16.99	50.67	33.29	6.99	8.00	6.2	1.890	88.4
513	7/25/2012 23:01:33	17.17	50.69	33.31	6.80	8.00	6.0	1.816	86.4
514	7/25/2012 23:16:33	17.54	50.74	33.35	6.92	8.01	5.6	1.748	88.5
515	7/25/2012 23:31:33	17.80	50.71	33.33	7.13	8.03	5.6	1.688	91.6
516	7/25/2012 23:46:33	18.20	50.61	33.26	6.85	8.04	6.1	1.683	88.7
517	7/26/2012 0:01:33	18.30	50.65	33.28	6.97	8.05	5.5	1.661	90.4
518	7/26/2012 0:16:33	18.16	50.56	33.22	6.88	8.03	4.7	1.660	88.9
519	7/26/2012 0:31:33	18.16	50.65	33.28	7.31	8.05	5.9	1.688	94.5
520	7/26/2012 0:46:33	18.09	50.64	33.27	7.44	8.05	6.4	1.739	96.1
521	7/26/2012 1:01:33	18.17	50.61	33.26	7.62	8.06	7.1	1.798	98.5
522	7/26/2012 1:16:33	18.11	50.64	33.28	7.53	8.05	5.8	1.837	97.3
523	7/26/2012 1:31:33	18.18	50.54	33.20	7.35	8.03	7.3	1.912	95.0
524	7/26/2012 1:46:33	18.18	50.43	33.12	7.30	8.02	8.0	1.991	94.4
525	7/26/2012 2:01:33	18.04	50.48	33.16	7.31	8.02	7.7	2.058	94.2
526	7/26/2012 2:16:33	17.87	50.56	33.21	7.27	8.02	6.7	2.109	93.5
527	7/26/2012 2:31:33	17.78	50.57	33.22	7.27	8.02	6.4	2.176	93.3
528	7/26/2012 2:46:33	17.59	50.59	33.24	7.32	8.02	6.9	2.252	93.5
529	7/26/2012 3:01:33	17.37	50.58	33.23	7.25	8.01	6.2	2.301	92.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
530	7/26/2012 3:16:33	17.15	50.58	33.23	7.23	8.01	6.4	2.360	91.7
531	7/26/2012 3:31:33	17.00	50.60	33.24	7.21	8.00	6.8	2.424	91.2
532	7/26/2012 3:46:33	16.88	50.63	33.26	7.17	8.00	6.4	2.487	90.5
533	7/26/2012 4:01:33	16.78	50.58	33.22	7.22	8.00	6.4	2.544	90.9
534	7/26/2012 4:16:33	16.66	50.61	33.24	7.25	8.00	6.0	2.595	91.1
535	7/26/2012 4:31:33	16.55	50.65	33.27	7.26	8.00	5.9	2.655	91.0
536	7/26/2012 4:46:33	16.44	50.66	33.27	7.33	8.00	6.0	2.712	91.7
537	7/26/2012 5:01:33	16.27	50.64	33.26	7.29	8.00	6.7	2.761	90.9
538	7/26/2012 5:16:33	16.10	50.64	33.25	7.28	7.99	5.3	2.805	90.5
539	7/26/2012 5:31:33	15.98	50.64	33.25	7.22	7.99	5.1	2.851	89.5
540	7/26/2012 5:46:33	15.83	50.67	33.27	7.23	7.99	4.8	2.893	89.4
541	7/26/2012 6:01:33	15.72	50.67	33.27	7.15	7.98	4.2	2.913	88.2
542	7/26/2012 6:16:33	15.88	50.85	33.40	6.59	7.97	4.3	2.931	81.6
543	7/26/2012 6:31:33	15.89	50.59	33.21	6.01	7.95	5.9	2.947	74.3
544	7/26/2012 6:46:33	15.73	50.63	33.24	6.65	7.96	5.0	2.936	82.0
545	7/26/2012 7:01:33	15.59	50.62	33.23	7.08	7.97	6.6	2.908	87.1
546	7/26/2012 7:16:33	15.78	50.54	33.18	6.98	7.96	5.6	2.872	86.2
547	7/26/2012 7:31:33	16.07	50.58	33.21	6.80	7.95	5.7	2.832	84.5
548	7/26/2012 7:46:33	16.38	50.58	33.22	5.80	7.86	6.4	2.759	72.5
549	7/26/2012 8:01:33	16.34	50.60	33.23	6.27	7.91	6.3	2.697	78.3
550	7/26/2012 8:16:33	16.41	50.62	33.25	6.12	7.90	7.2	2.635	76.5
551	7/26/2012 8:31:33	16.44	50.62	33.24	6.22	7.90	5.6	2.557	77.8
552	7/26/2012 8:46:33	16.46	50.64	33.26	6.31	7.91	5.6	2.488	79.0
553	7/26/2012 9:01:33	16.46	50.64	33.26	6.43	7.92	6.1	2.424	80.4
554	7/26/2012 9:16:33	16.49	50.69	33.30	6.54	7.92	5.6	2.362	81.9
555	7/26/2012 9:31:33	16.62	50.57	33.21	6.71	7.94	5.9	2.293	84.2
556	7/26/2012 9:46:33	16.78	50.62	33.25	6.62	7.94	6.5	2.236	83.4
557	7/26/2012 10:01:33	16.89	50.54	33.19	6.94	7.97	5.3	2.187	87.6
558	7/26/2012 10:16:33	16.93	50.60	33.24	7.00	7.97	5.3	2.128	88.4
559	7/26/2012 10:31:33	17.05	50.57	33.22	7.37	8.00	5.0	2.092	93.2
560	7/26/2012 10:46:33	17.25	50.58	33.22	6.87	8.00	5.1	2.069	87.2
561	7/26/2012 11:01:33	17.34	50.58	33.22	6.96	8.01	4.8	2.033	88.6
562	7/26/2012 11:16:33	17.37	50.65	33.28	6.16	7.97	4.6	2.031	78.5
563	7/26/2012 11:31:33	17.41	50.61	33.25	5.58	7.96	5.9	2.038	71.2
564	7/26/2012 11:46:33	17.54	50.59	33.23	6.54	7.99	5.4	2.046	83.6
565	7/26/2012 12:01:33	17.50	50.63	33.27	6.81	7.99	4.8	2.061	87.0
566	7/26/2012 12:16:33	17.44	50.61	33.25	6.96	7.99	6.0	2.107	88.8
567	7/26/2012 12:31:33	17.40	50.60	33.24	6.92	7.99	5.9	2.159	88.2
568	7/26/2012 12:46:33	17.33	50.63	33.26	6.87	7.98	6.4	2.196	87.4
569	7/26/2012 13:01:33	17.35	50.52	33.18	6.81	7.97	7.6	2.263	86.7
570	7/26/2012 13:16:33	17.27	50.54	33.19	6.73	7.96	7.3	2.329	85.5
571	7/26/2012 13:31:33	17.09	50.60	33.24	6.79	7.97	6.6	2.389	86.0
572	7/26/2012 13:46:33	16.97	50.58	33.22	6.84	7.97	6.7	2.459	86.4
573	7/26/2012 14:01:33	16.79	50.61	33.25	6.85	7.96	6.4	2.531	86.2
574	7/26/2012 14:16:33	16.61	50.62	33.25	6.85	7.96	7.0	2.599	85.9
575	7/26/2012 14:31:33	16.37	50.62	33.24	7.02	7.97	6.8	2.673	87.7
576	7/26/2012 14:46:33	16.25	50.63	33.25	7.11	7.97	7.0	2.744	88.6
577	7/26/2012 15:01:33	16.09	50.61	33.23	7.17	7.97	7.4	2.820	89.0
578	7/26/2012 15:16:33	15.92	50.63	33.24	7.23	7.97	7.5	2.891	89.5
579	7/26/2012 15:31:33	15.74	50.60	33.22	7.34	7.97	8.4	2.973	90.6
580	7/26/2012 15:46:33	15.49	50.66	33.26	7.49	7.97	8.3	3.054	92.0
581	7/26/2012 16:01:33	15.13	50.66	33.25	7.71	7.98	9.0	3.139	94.0
582	7/26/2012 16:16:33	14.64	50.69	33.26	7.91	7.98	9.3	3.222	95.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	7/26/2012 16:31:33	14.47	50.68	33.25	7.99	7.98	7.9	3.302	96.1
584	7/26/2012 16:46:33	14.13	50.68	33.24	8.16	7.99	7.7	3.384	97.5
585	7/26/2012 17:01:33	13.76	50.79	33.30	8.39	8.00	6.8	3.460	99.5
586	7/26/2012 17:16:33	13.19	50.84	33.32	8.80	8.01	7.0	3.524	103.2
587	7/26/2012 17:31:33	12.89	50.87	33.33	9.02	8.02	5.9	3.579	105.1
588	7/26/2012 17:46:33	12.78	50.86	33.32	9.13	8.03	5.6	3.631	106.1
589	7/26/2012 18:01:33	12.74	50.86	33.31	9.08	8.04	4.8	3.674	105.4
590	7/26/2012 18:16:33	12.67	50.90	33.34	8.94	8.04	3.6	3.689	103.8
591	7/26/2012 18:31:33	13.01	50.88	33.34	8.77	8.03	4.2	3.692	102.5
592	7/26/2012 18:46:33	12.82	50.79	33.27	8.61	8.02	3.7	3.690	100.2
593	7/26/2012 19:01:33	12.74	50.85	33.31	9.03	8.03	4.3	3.653	104.9
594	7/26/2012 19:16:33	13.06	50.66	33.18	8.98	8.03	5.3	3.594	105.0
595	7/26/2012 19:31:33	14.59	50.75	33.30	8.22	8.03	6.3	3.525	99.1
596	7/26/2012 19:46:33	14.62	50.65	33.23	8.14	8.02	6.6	3.453	98.2
597	7/26/2012 20:01:33	15.04	50.67	33.25	7.95	8.02	7.1	3.364	96.8
598	7/26/2012 20:16:33	15.18	50.68	33.26	8.16	8.04	8.9	3.263	99.6
599	7/26/2012 20:31:33	15.29	50.66	33.25	8.03	8.03	8.0	3.174	98.2
600	7/26/2012 20:46:33	15.44	50.65	33.25	7.76	8.01	9.2	3.079	95.2
601	7/26/2012 21:01:33	15.44	50.63	33.23	7.76	8.01	7.8	2.978	95.2
602	7/26/2012 21:16:33	15.66	50.62	33.23	7.67	8.01	6.9	2.884	94.4
603	7/26/2012 21:31:33	15.94	50.57	33.20	7.52	8.00	9.8	2.778	93.1
604	7/26/2012 21:46:33	16.16	50.57	33.20	7.38	8.00	7.0	2.678	91.8
605	7/26/2012 22:01:33	16.32	50.62	33.24	7.17	7.98	6.5	2.579	89.5
606	7/26/2012 22:16:33	16.42	50.60	33.23	7.13	7.98	8.3	2.470	89.2
607	7/26/2012 22:31:33	16.21	50.63	33.25	6.87	7.96	7.2	2.352	85.5
608	7/26/2012 22:46:33	16.38	50.47	33.14	6.93	7.97	11.2	2.250	86.6
609	7/26/2012 23:01:33	16.29	50.60	33.23	6.96	7.97	7.8	2.156	86.8
610	7/26/2012 23:16:33	16.25	50.61	33.23	6.90	7.95	7.5	2.032	86.0
611	7/26/2012 23:31:33	16.69	50.55	33.20	6.90	7.97	6.9	1.927	86.7
612	7/26/2012 23:46:33	16.85	50.50	33.16	6.86	7.97	6.8	1.837	86.4
613	7/27/2012 0:01:33	16.89	50.66	33.28	6.93	7.97	6.4	1.742	87.4
614	7/27/2012 0:16:33	17.17	50.61	33.24	6.84	7.98	6.2	1.668	86.8
615	7/27/2012 0:31:33	17.31	50.66	33.29	6.70	7.99	7.0	1.602	85.2
616	7/27/2012 0:46:33	17.53	50.65	33.28	7.06	8.01	6.1	1.572	90.2
617	7/27/2012 1:01:33	17.84	50.61	33.25	7.24	8.04	5.6	1.540	93.1
618	7/27/2012 1:16:33	17.98	50.65	33.28	6.94	8.03	5.1	1.533	89.4
619	7/27/2012 1:31:33	17.96	50.61	33.26	7.26	8.05	6.7	1.573	93.6
620	7/27/2012 1:46:33	18.02	50.62	33.26	7.43	8.05	5.9	1.586	95.8
621	7/27/2012 2:01:33	18.02	50.51	33.18	7.51	8.05	6.3	1.634	96.8
622	7/27/2012 2:16:33	18.00	50.61	33.25	7.49	8.05	6.3	1.688	96.6
623	7/27/2012 2:31:33	17.95	50.62	33.26	7.45	8.04	6.1	1.756	96.0
624	7/27/2012 2:46:33	17.95	50.50	33.17	7.26	8.02	8.1	1.825	93.4
625	7/27/2012 3:01:33	17.85	50.54	33.20	7.19	8.01	6.8	1.879	92.4
626	7/27/2012 3:16:33	17.82	50.50	33.17	7.14	8.01	7.9	1.961	91.7
627	7/27/2012 3:31:33	17.71	50.45	33.13	7.21	8.01	6.7	2.016	92.4
628	7/27/2012 3:46:33	17.60	50.58	33.23	7.17	8.01	6.4	2.073	91.7
629	7/27/2012 4:01:33	17.48	50.55	33.21	7.15	8.00	6.5	2.154	91.3
630	7/27/2012 4:16:33	17.36	50.57	33.22	7.12	8.00	6.4	2.203	90.6
631	7/27/2012 4:31:33	17.19	50.62	33.25	7.09	7.99	6.9	2.278	90.0
632	7/27/2012 4:46:33	16.93	50.53	33.18	7.08	7.99	7.9	2.346	89.4
633	7/27/2012 5:01:33	16.80	50.58	33.22	7.05	7.98	6.5	2.408	88.8
634	7/27/2012 5:16:33	16.70	50.66	33.28	7.05	7.98	7.0	2.471	88.7
635	7/27/2012 5:31:33	16.56	50.68	33.29	7.10	7.98	7.5	2.531	89.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	7/27/2012 5:46:33	16.49	50.59	33.23	7.11	7.98	7.3	2.599	89.0
637	7/27/2012 6:01:33	16.39	50.77	33.35	7.15	7.98	6.1	2.648	89.4
638	7/27/2012 6:16:33	16.27	50.72	33.31	7.15	7.98	6.3	2.701	89.2
639	7/27/2012 6:31:33	16.15	50.68	33.28	7.13	7.97	6.3	2.747	88.7
640	7/27/2012 6:46:33	15.97	50.64	33.25	7.16	7.97	5.8	2.788	88.8
641	7/27/2012 7:01:33	15.85	50.77	33.34	7.15	7.97	5.8	2.829	88.5
642	7/27/2012 7:16:33	15.82	50.74	33.33	7.06	7.97	5.0	2.856	87.3
643	7/27/2012 7:31:33	15.74	50.66	33.26	6.91	7.97	4.5	2.881	85.3
644	7/27/2012 7:46:33	16.07	50.53	33.17	6.43	7.96	4.9	2.891	79.8
645	7/27/2012 8:01:33	15.80	50.72	33.31	6.75	7.96	4.7	2.884	83.5
646	7/27/2012 8:16:33	15.69	50.70	33.29	6.81	7.95	4.7	2.886	84.0
647	7/27/2012 8:31:33	15.64	50.77	33.34	6.96	7.95	6.2	2.838	85.8
648	7/27/2012 8:46:33	15.88	50.75	33.33	6.91	7.95	6.1	2.801	85.5
649	7/27/2012 9:01:33	16.16	50.77	33.35	6.82	7.95	5.5	2.760	84.9
650	7/27/2012 9:16:33	16.22	50.77	33.35	6.90	7.95	5.7	2.702	86.0
651	7/27/2012 9:31:33	16.35	50.66	33.27	6.88	7.95	6.4	2.637	86.0
652	7/27/2012 9:46:33	16.45	50.79	33.37	6.82	7.95	5.7	2.584	85.4
653	7/27/2012 10:01:33	16.51	50.80	33.38	6.89	7.95	5.8	2.528	86.3
654	7/27/2012 10:16:33	16.58	50.76	33.35	7.09	7.97	5.6	2.465	88.9
655	7/27/2012 10:31:33	16.67	50.78	33.37	7.47	7.99	5.8	2.425	93.9
656	7/27/2012 10:46:33	16.76	50.81	33.39	7.44	8.00	5.3	2.356	93.7
657	7/27/2012 11:01:33	16.85	50.80	33.38	8.23	8.05	5.4	2.312	103.9
658	7/27/2012 11:16:33	16.95	50.68	33.30	8.39	8.07	5.1	2.284	106.0
659	7/27/2012 11:31:33	17.12	50.64	33.27	7.95	8.04	5.0	2.239	100.8
660	7/27/2012 11:46:33	17.16	50.68	33.30	7.07	8.00	4.9	2.212	89.7
661	7/27/2012 12:01:33	17.20	50.70	33.31	6.77	8.01	4.7	2.192	85.9
662	7/27/2012 12:16:33	17.23	50.63	33.26	6.63	8.01	4.1	2.184	84.2
663	7/27/2012 12:31:33	17.31	50.68	33.30	7.67	8.04	4.9	2.186	97.6
664	7/27/2012 12:46:33	17.36	50.59	33.24	7.56	8.02	4.8	2.186	96.2
665	7/27/2012 13:01:33	17.39	50.76	33.36	7.34	8.01	5.0	2.204	93.5
666	7/27/2012 13:16:33	17.36	50.78	33.37	7.29	8.00	6.5	2.248	93.0
667	7/27/2012 13:31:33	17.34	50.64	33.27	7.14	7.99	5.3	2.274	90.9
668	7/27/2012 13:46:33	17.27	50.70	33.31	7.10	7.99	5.7	2.315	90.3
669	7/27/2012 14:01:33	17.04	50.77	33.36	7.02	7.98	6.3	2.380	88.9
670	7/27/2012 14:16:33	17.17	50.76	33.35	7.10	7.98	7.4	2.438	90.2
671	7/27/2012 14:31:33	16.97	50.73	33.33	7.13	7.98	7.7	2.493	90.2
672	7/27/2012 14:46:33	16.87	50.70	33.31	7.13	7.97	5.8	2.556	89.9
673	7/27/2012 15:01:33	16.76	50.77	33.36	7.10	7.97	5.9	2.625	89.4
674	7/27/2012 15:16:33	16.56	50.77	33.36	7.05	7.96	6.0	2.692	88.4
675	7/27/2012 15:31:33	16.38	50.67	33.28	7.09	7.96	5.9	2.763	88.7
676	7/27/2012 15:46:33	16.12	50.65	33.26	7.29	7.97	6.8	2.833	90.6
677	7/27/2012 16:01:33	15.67	50.70	33.29	7.36	7.96	6.5	2.911	90.7
678	7/27/2012 16:16:33	15.52	50.75	33.32	7.51	7.97	7.5	2.983	92.3
679	7/27/2012 16:31:33	15.36	50.68	33.27	7.54	7.97	6.2	3.053	92.3
680	7/27/2012 16:46:33	15.23	50.76	33.33	7.65	7.98	7.0	3.141	93.5
681	7/27/2012 17:01:33	15.01	50.69	33.27	7.78	7.98	7.7	3.222	94.7
682	7/27/2012 17:16:33	14.74	50.67	33.25	8.04	7.99	8.7	3.292	97.3
683	7/27/2012 17:31:33	14.33	50.80	33.33	8.38	8.00	7.9	3.373	100.6
684	7/27/2012 17:46:33	14.13	50.86	33.36	8.56	8.01	7.6	3.449	102.3
685	7/27/2012 18:01:33	13.87	50.84	33.35	8.82	8.03	6.8	3.520	104.9
686	7/27/2012 18:16:33	13.50	50.90	33.37	9.15	8.05	6.0	3.578	108.1
687	7/27/2012 18:31:33	13.21	50.94	33.39	9.45	8.07	6.2	3.636	110.9
688	7/27/2012 18:46:33	12.92	50.97	33.41	9.82	8.08	5.4	3.689	114.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
689	7/27/2012 19:01:33	12.84	51.00	33.42	9.89	8.09	4.8	3.708	115.2
690	7/27/2012 19:16:33	12.85	50.99	33.42	9.37	8.08	3.7	3.730	109.2
691	7/27/2012 19:31:33	12.86	51.03	33.44	9.33	8.08	3.8	3.734	108.7
692	7/27/2012 19:46:33	12.86	50.93	33.38	9.66	8.09	3.5	3.722	112.5
693	7/27/2012 20:01:33	12.98	50.90	33.35	9.56	8.08	4.3	3.673	111.6
694	7/27/2012 20:16:33	13.97	50.82	33.34	8.54	8.03	7.0	3.619	101.8
695	7/27/2012 20:31:33	13.94	50.82	33.33	8.50	8.03	7.3	3.566	101.2
696	7/27/2012 20:46:33	13.91	50.74	33.27	8.48	8.03	7.3	3.479	100.8
697	7/27/2012 21:01:33	14.45	50.71	33.26	8.06	8.00	11.3	3.382	96.9
698	7/27/2012 21:16:33	15.40	50.71	33.29	8.29	8.05	9.4	3.299	101.7
699	7/27/2012 21:31:33	15.45	50.60	33.21	8.22	8.05	9.0	3.206	100.8
700	7/27/2012 21:46:33	15.60	50.68	33.27	8.11	8.04	9.5	3.100	99.8
701	7/27/2012 22:01:33	15.80	50.64	33.24	7.93	8.03	9.4	3.002	97.9
702	7/27/2012 22:16:33	16.02	50.56	33.19	7.73	8.02	10.0	2.898	95.9
703	7/27/2012 22:31:33	16.28	50.66	33.27	7.60	8.01	8.6	2.801	94.8
704	7/27/2012 22:46:33	16.48	50.65	33.27	7.51	8.01	8.9	2.685	94.0
705	7/27/2012 23:01:33	16.13	50.71	33.30	7.34	7.98	8.3	2.569	91.3
706	7/27/2012 23:16:33	16.13	50.80	33.37	7.36	7.98	11.3	2.453	91.6
707	7/27/2012 23:31:33	15.95	50.83	33.39	7.27	7.97	9.8	2.342	90.2
708	7/27/2012 23:46:33	16.31	50.84	33.40	7.28	7.98	10.3	2.221	90.9
709	7/28/2012 0:01:33	16.47	50.83	33.40	7.23	7.98	15.6	2.085	90.5
710	7/28/2012 0:16:33	16.74	50.68	33.29	7.28	7.99	9.0	1.981	91.6
711	7/28/2012 0:31:33	16.98	50.70	33.31	7.27	8.00	8.6	1.861	92.0
712	7/28/2012 0:46:33	17.25	50.74	33.34	7.30	8.01	8.1	1.742	92.9
713	7/28/2012 1:01:33	17.32	50.73	33.34	7.19	8.01	7.8	1.647	91.6
714	7/28/2012 1:16:33	17.40	50.75	33.35	7.14	8.00	7.7	1.546	91.1
715	7/28/2012 1:31:33	17.68	50.72	33.33	7.21	8.01	7.4	1.484	92.4
716	7/28/2012 1:46:33	17.98	50.67	33.30	7.15	8.03	6.5	1.427	92.2
717	7/28/2012 2:01:33	18.47	50.76	33.36	7.40	8.08	6.5	1.396	96.3
718	7/28/2012 2:16:33	18.53	50.75	33.36	6.99	8.07	5.9	1.384	91.1
719	7/28/2012 2:31:33	18.39	50.74	33.35	5.95	8.01	5.6	1.398	77.3
720	7/28/2012 2:46:33	18.52	50.73	33.34	7.50	8.08	6.2	1.436	97.7
721	7/28/2012 3:01:33	18.42	50.72	33.34	7.49	8.07	6.4	1.471	97.4
722	7/28/2012 3:16:33	18.50	50.78	33.38	7.57	8.09	6.8	1.531	98.6
723	7/28/2012 3:31:33	18.43	50.64	33.28	7.54	8.08	7.3	1.596	98.0
724	7/28/2012 3:46:33	18.39	50.56	33.22	7.41	8.07	8.6	1.665	96.2
725	7/28/2012 4:01:33	18.26	50.58	33.23	7.27	8.05	7.5	1.719	94.2
726	7/28/2012 4:16:33	18.19	50.57	33.23	7.20	8.04	6.5	1.787	93.2
727	7/28/2012 4:31:33	18.17	50.55	33.21	7.26	8.04	7.3	1.854	93.8
728	7/28/2012 4:46:33	18.13	50.54	33.20	7.21	8.04	7.4	1.922	93.2
729	7/28/2012 5:01:33	18.02	50.53	33.20	7.16	8.03	8.2	1.995	92.3
730	7/28/2012 5:16:33	17.79	50.60	33.25	7.20	8.02	7.5	2.069	92.4
731	7/28/2012 5:31:33	17.51	50.61	33.25	7.17	8.01	7.9	2.144	91.5
732	7/28/2012 5:46:33	17.34	50.58	33.22	7.10	8.00	7.3	2.218	90.4
733	7/28/2012 6:01:33	17.18	50.60	33.24	7.11	8.00	23.0	2.293	90.3
734	7/28/2012 6:16:33	16.91	50.56	33.21	7.18	8.00	7.6	2.366	90.6
735	7/28/2012 6:31:33	16.80	50.63	33.25	7.20	8.00	7.5	2.436	90.7
736	7/28/2012 6:46:33	16.71	50.64	33.26	7.18	8.00	6.6	2.503	90.3
737	7/28/2012 7:01:33	16.66	50.65	33.27	7.23	8.00	7.0	2.565	90.8
738	7/28/2012 7:16:33	16.61	50.64	33.26	7.20	7.99	7.0	2.626	90.3
739	7/28/2012 7:31:33	16.47	50.73	33.33	7.22	7.99	7.1	2.685	90.4
740	7/28/2012 7:46:33	16.30	50.73	33.32	7.17	7.98	6.8	2.736	89.5
741	7/28/2012 8:01:33	16.18	50.74	33.33	7.15	7.98	6.3	2.784	89.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	7/28/2012 8:16:33	16.09	50.68	33.28	7.13	7.98	6.1	2.832	88.7
743	7/28/2012 8:31:33	15.83	50.71	33.30	7.14	7.97	5.9	2.865	88.3
744	7/28/2012 8:46:33	15.72	50.54	33.17	7.15	7.97	5.1	2.897	88.2
745	7/28/2012 9:01:33	15.73	50.58	33.20	6.84	7.96	4.3	2.912	84.4
746	7/28/2012 9:16:33	15.72	50.74	33.32	6.40	7.94	4.8	2.938	78.9
747	7/28/2012 9:31:33	15.78	50.78	33.35	6.42	7.96	5.0	2.934	79.3
748	7/28/2012 9:46:33	15.69	50.63	33.24	6.89	7.97	5.7	2.908	84.9
749	7/28/2012 10:01:33	15.68	50.64	33.25	7.00	7.96	5.3	2.894	86.2
750	7/28/2012 10:16:33	15.75	50.65	33.26	6.97	7.96	5.7	2.854	86.0
751	7/28/2012 10:31:33	15.95	50.59	33.22	7.00	7.96	6.5	2.799	86.7
752	7/28/2012 10:46:33	16.18	50.59	33.22	7.24	7.97	6.3	2.747	90.1
753	7/28/2012 11:01:33	16.38	50.62	33.24	7.40	7.99	6.5	2.688	92.4
754	7/28/2012 11:16:33	16.58	50.71	33.31	7.53	8.01	6.1	2.633	94.4
755	7/28/2012 11:31:33	16.70	50.62	33.25	7.52	8.02	5.5	2.574	94.6
756	7/28/2012 11:46:33	16.80	50.71	33.31	7.66	8.03	5.9	2.513	96.5
757	7/28/2012 12:01:33	16.90	50.61	33.24	7.58	8.03	5.5	2.466	95.6
758	7/28/2012 12:16:33	17.03	50.61	33.25	7.50	8.03	5.0	2.413	94.9
759	7/28/2012 12:31:33	17.16	50.66	33.28	7.34	8.03	4.7	2.380	93.2
760	7/28/2012 12:46:33	17.25	50.62	33.25	7.27	8.01	5.0	2.324	92.4
761	7/28/2012 13:01:33	17.34	50.63	33.26	7.09	8.02	4.7	2.303	90.2
762	7/28/2012 13:16:33	17.40	50.66	33.29	6.86	8.02	5.8	2.292	87.4
763	7/28/2012 13:31:33	17.57	50.66	33.29	6.13	8.05	4.8	2.272	78.4
764	7/28/2012 13:46:33	17.61	50.75	33.35	8.01	8.06	5.3	2.273	102.5
765	7/28/2012 14:01:33	17.49	50.68	33.30	7.96	8.05	5.3	2.277	101.6
766	7/28/2012 14:16:33	17.54	50.70	33.32	7.94	8.05	6.2	2.315	101.5
767	7/28/2012 14:31:33	17.54	50.71	33.33	7.64	8.03	5.7	2.336	97.7
768	7/28/2012 14:46:33	17.72	50.70	33.32	7.67	8.03	6.1	2.372	98.4
769	7/28/2012 15:01:33	17.51	50.70	33.31	7.62	8.02	6.2	2.429	97.3
770	7/28/2012 15:16:33	17.25	50.71	33.32	7.53	8.01	6.4	2.478	95.7
771	7/28/2012 15:31:33	17.37	50.62	33.25	7.56	8.01	6.8	2.534	96.3
772	7/28/2012 15:46:33	17.15	50.70	33.31	7.60	8.01	5.9	2.591	96.5
773	7/28/2012 16:01:33	17.00	50.68	33.29	7.63	8.00	5.9	2.655	96.5
774	7/28/2012 16:16:33	16.77	50.73	33.33	7.30	7.98	6.2	2.722	91.9
775	7/28/2012 16:31:33	16.40	50.68	33.29	7.27	7.97	7.6	2.784	90.9
776	7/28/2012 16:46:33	15.95	50.68	33.28	7.38	7.98	7.4	2.854	91.4
777	7/28/2012 17:01:33	15.62	50.69	33.28	7.50	7.98	6.9	2.925	92.3
778	7/28/2012 17:16:33	15.41	50.74	33.31	7.69	7.99	6.5	3.004	94.3
779	7/28/2012 17:31:33	15.15	50.70	33.28	7.71	7.99	6.6	3.080	94.0
780	7/28/2012 17:46:33	15.00	50.74	33.30	7.80	7.99	7.2	3.160	94.9
781	7/28/2012 18:01:33	14.41	50.75	33.30	7.83	7.99	7.6	3.240	94.1
782	7/28/2012 18:16:33	14.09	50.76	33.29	7.90	7.99	8.5	3.317	94.4
783	7/28/2012 18:31:33	13.73	50.81	33.32	7.93	7.98	9.2	3.397	94.0
784	7/28/2012 18:46:33	13.43	50.92	33.39	7.93	7.98	8.1	3.477	93.6
785	7/28/2012 19:01:33	13.11	50.99	33.43	7.94	7.98	7.3	3.551	93.1
786	7/28/2012 19:16:33	12.78	51.06	33.46	7.96	7.97	6.9	3.621	92.7
787	7/28/2012 19:31:33	12.36	51.05	33.44	8.04	7.97	5.9	3.678	92.8
788	7/28/2012 19:46:33	12.21	51.10	33.47	8.07	7.97	5.0	3.734	92.8
789	7/28/2012 20:01:33	12.10	51.05	33.43	8.15	7.98	4.3	3.766	93.5
790	7/28/2012 20:16:33	12.07	51.16	33.50	8.09	7.98	3.4	3.788	92.8
791	7/28/2012 20:31:33	12.21	51.06	33.44	7.22	7.98	3.9	3.802	83.1
792	7/28/2012 20:46:33	12.08	51.14	33.49	7.76	7.97	3.2	3.787	89.0
793	7/28/2012 21:01:33	12.13	51.07	33.44	8.18	7.99	4.0	3.750	93.9
794	7/28/2012 21:16:33	12.76	50.94	33.38	7.77	7.97	5.6	3.702	90.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	7/28/2012 21:31:33	13.17	51.00	33.44	7.51	7.96	6.7	3.631	88.1
796	7/28/2012 21:46:33	13.43	50.87	33.35	7.42	7.95	6.4	3.555	87.4
797	7/28/2012 22:01:33	14.13	50.90	33.40	7.57	7.99	7.5	3.452	90.6
798	7/28/2012 22:16:33	14.88	50.81	33.35	7.95	8.05	9.7	3.350	96.5
799	7/28/2012 22:31:33	14.95	50.83	33.37	7.93	8.04	8.6	3.244	96.4
800	7/28/2012 22:46:33	15.19	50.76	33.33	7.69	8.02	7.9	3.144	93.9
801	7/28/2012 23:01:33	15.39	50.73	33.31	7.53	8.01	6.5	3.030	92.3
802	7/28/2012 23:16:33	15.70	50.62	33.23	7.36	8.00	8.1	2.911	90.7
803	7/28/2012 23:31:33	15.96	50.73	33.32	7.33	7.99	7.6	2.797	90.9
804	7/28/2012 23:46:33	16.25	50.70	33.30	7.26	8.00	9.3	2.679	90.5
805	7/29/2012 0:01:33	16.12	50.76	33.34	7.28	7.99	6.5	2.565	90.6
806	7/29/2012 0:16:33	16.34	50.75	33.34	7.21	7.99	11.1	2.427	90.1
807	7/29/2012 0:31:33	16.33	50.73	33.32	7.21	8.00	9.0	2.295	90.0
808	7/29/2012 0:46:33	16.42	50.70	33.30	7.14	7.99	9.6	2.167	89.3
809	7/29/2012 1:01:33	16.63	50.71	33.31	7.09	7.99	8.2	2.027	89.1
810	7/29/2012 1:16:33	16.93	50.78	33.37	7.26	8.00	8.1	1.893	91.8
811	7/29/2012 1:31:33	17.02	50.67	33.29	7.13	8.00	8.3	1.766	90.2
812	7/29/2012 1:46:33	17.13	50.64	33.27	7.14	8.00	7.3	1.628	90.5
813	7/29/2012 2:01:33	17.27	50.65	33.28	7.09	8.00	6.9	1.516	90.1
814	7/29/2012 2:16:33	17.45	50.79	33.38	7.07	8.01	6.8	1.406	90.3
815	7/29/2012 2:31:33	17.56	50.80	33.39	7.12	8.02	7.1	1.321	91.1
816	7/29/2012 2:46:33	17.63	50.77	33.37	7.09	8.01	6.7	1.252	90.9
817	7/29/2012 3:01:33	17.99	50.71	33.33	7.18	8.04	6.3	1.216	92.5
818	7/29/2012 3:16:33	18.27	50.79	33.39	7.31	8.07	6.1	1.206	94.7
819	7/29/2012 3:31:33	18.09	50.61	33.26	7.07	8.05	6.8	1.219	91.3
820	7/29/2012 3:46:33	18.36	50.73	33.35	7.44	8.08	5.9	1.269	96.7
821	7/29/2012 4:01:33	18.24	50.71	33.33	7.38	8.07	6.2	1.303	95.6
822	7/29/2012 4:16:33	18.47	50.76	33.36	7.52	8.09	6.2	1.368	97.9
823	7/29/2012 4:31:33	18.40	50.74	33.35	7.52	8.09	6.2	1.436	97.7
824	7/29/2012 4:46:33	18.35	50.72	33.33	7.42	8.08	6.5	1.505	96.3
825	7/29/2012 5:01:33	18.33	50.50	33.18	7.14	8.05	7.8	1.563	92.5
826	7/29/2012 5:16:33	18.18	50.62	33.26	7.15	8.05	6.5	1.632	92.5
827	7/29/2012 5:31:33	18.14	50.51	33.18	7.19	8.04	7.5	1.717	92.8
828	7/29/2012 5:46:33	18.12	50.53	33.20	7.12	8.04	7.5	1.795	91.9
829	7/29/2012 6:01:33	17.94	50.55	33.21	7.10	8.03	7.4	1.857	91.4
830	7/29/2012 6:16:33	17.78	50.58	33.23	7.14	8.03	6.6	1.940	91.6
831	7/29/2012 6:31:33	17.55	50.65	33.28	7.17	8.02	7.6	2.036	91.6
832	7/29/2012 6:46:33	17.36	50.64	33.27	7.10	8.01	7.2	2.110	90.5
833	7/29/2012 7:01:33	17.14	50.62	33.25	7.11	8.00	7.0	2.200	90.2
834	7/29/2012 7:16:33	16.90	50.61	33.25	7.10	7.99	7.2	2.280	89.6
835	7/29/2012 7:31:33	16.75	50.64	33.26	7.07	7.99	7.4	2.372	88.9
836	7/29/2012 7:46:33	16.63	50.66	33.28	6.96	7.98	7.8	2.451	87.4
837	7/29/2012 8:01:33	16.58	50.66	33.27	6.88	7.98	7.2	2.523	86.3
838	7/29/2012 8:16:33	16.40	50.67	33.28	6.91	7.98	7.1	2.595	86.4
839	7/29/2012 8:31:33	16.25	50.68	33.29	6.91	7.97	6.6	2.663	86.2
840	7/29/2012 8:46:33	16.07	50.63	33.24	6.90	7.96	6.9	2.728	85.7
841	7/29/2012 9:01:33	15.83	50.63	33.24	6.87	7.95	6.4	2.781	84.9
842	7/29/2012 9:16:33	15.57	50.64	33.24	6.93	7.95	5.8	2.837	85.3
843	7/29/2012 9:31:33	15.45	50.67	33.26	6.98	7.96	5.8	2.885	85.6
844	7/29/2012 9:46:33	15.26	50.65	33.25	6.89	7.95	5.2	2.924	84.2
845	7/29/2012 10:01:33	15.17	50.69	33.27	6.89	7.95	4.7	2.957	84.1
846	7/29/2012 10:16:33	14.73	50.74	33.30	6.81	7.94	4.3	2.976	82.3
847	7/29/2012 10:31:33	14.67	50.68	33.25	6.53	7.92	3.9	2.988	78.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
848	7/29/2012 10:46:33	14.84	50.75	33.31	5.80	7.92	4.0	2.993	70.3
849	7/29/2012 11:01:33	14.57	50.79	33.33	6.68	7.93	4.2	2.963	80.6
850	7/29/2012 11:16:33	14.85	50.74	33.30	6.89	7.94	5.4	2.931	83.5
851	7/29/2012 11:31:33	15.23	50.61	33.21	6.88	7.94	5.6	2.887	84.0
852	7/29/2012 11:46:33	15.58	50.67	33.27	7.03	7.95	5.7	2.837	86.5
853	7/29/2012 12:01:33	15.74	50.63	33.24	7.07	7.96	5.9	2.772	87.3
854	7/29/2012 12:16:33	16.07	50.60	33.22	7.36	7.99	6.0	2.700	91.4
855	7/29/2012 12:31:33	16.28	50.63	33.25	7.53	8.01	5.5	2.651	93.9
856	7/29/2012 12:46:33	16.40	50.63	33.25	7.53	8.01	5.6	2.574	94.1
857	7/29/2012 13:01:33	16.59	50.64	33.26	7.80	8.03	5.4	2.521	97.9
858	7/29/2012 13:16:33	16.73	50.64	33.27	7.73	8.04	5.7	2.461	97.3
859	7/29/2012 13:31:33	16.87	50.62	33.25	8.03	8.06	5.0	2.405	101.3
860	7/29/2012 13:46:33	17.02	50.62	33.25	8.29	8.09	4.5	2.360	104.9
861	7/29/2012 14:01:33	17.12	50.67	33.29	8.14	8.07	4.7	2.316	103.2
862	7/29/2012 14:16:33	17.16	50.66	33.28	7.77	8.07	4.2	2.289	98.6
863	7/29/2012 14:31:33	17.20	50.73	33.33	7.29	8.09	5.0	2.255	92.6
864	7/29/2012 14:46:33	17.23	50.65	33.28	6.95	8.06	6.2	2.243	88.3
865	7/29/2012 15:01:33	17.15	50.63	33.26	8.94	8.11	4.7	2.254	113.4
866	7/29/2012 15:16:33	17.32	50.59	33.23	8.42	8.09	4.7	2.253	107.1
867	7/29/2012 15:31:33	17.32	50.64	33.27	8.21	8.07	5.1	2.275	104.5
868	7/29/2012 15:46:33	17.36	50.65	33.28	7.83	8.05	5.1	2.308	99.7
869	7/29/2012 16:01:33	17.34	50.62	33.26	7.57	8.03	5.5	2.358	96.4
870	7/29/2012 16:16:33	17.18	50.60	33.24	7.57	8.03	5.4	2.402	96.1
871	7/29/2012 16:31:33	17.00	50.64	33.26	7.47	8.02	5.6	2.462	94.5
872	7/29/2012 16:46:33	16.99	50.53	33.18	7.50	8.01	6.8	2.534	94.8
873	7/29/2012 17:01:33	16.85	50.58	33.22	7.47	8.01	5.8	2.593	94.2
874	7/29/2012 17:16:33	16.60	50.63	33.26	7.44	8.00	5.6	2.669	93.3
875	7/29/2012 17:31:33	16.20	50.62	33.24	7.30	7.98	5.9	2.739	90.9
876	7/29/2012 17:46:33	15.84	50.60	33.22	7.37	7.98	7.2	2.813	91.1
877	7/29/2012 18:01:33	15.55	50.60	33.22	7.37	7.97	6.8	2.888	90.6
878	7/29/2012 18:16:33	14.95	50.68	33.26	7.35	7.96	6.4	2.959	89.2
879	7/29/2012 18:31:33	14.74	50.69	33.26	7.41	7.96	6.9	3.049	89.7
880	7/29/2012 18:46:33	14.58	50.71	33.27	7.38	7.96	7.7	3.130	89.0
881	7/29/2012 19:01:33	14.30	50.72	33.27	7.37	7.95	7.3	3.215	88.4
882	7/29/2012 19:16:33	13.79	50.80	33.31	7.39	7.95	7.7	3.304	87.7
883	7/29/2012 19:31:33	13.30	50.84	33.32	7.42	7.94	8.1	3.388	87.3
884	7/29/2012 19:46:33	12.92	50.91	33.36	7.38	7.93	7.4	3.469	86.1
885	7/29/2012 20:01:33	12.52	50.94	33.36	7.37	7.92	7.5	3.548	85.3
886	7/29/2012 20:16:33	12.26	50.96	33.37	7.35	7.92	6.1	3.614	84.6
887	7/29/2012 20:31:33	12.12	50.99	33.38	7.36	7.92	5.6	3.683	84.5
888	7/29/2012 20:46:33	11.85	51.03	33.40	7.51	7.93	5.3	3.743	85.7
889	7/29/2012 21:01:33	11.73	51.08	33.43	7.66	7.95	4.5	3.776	87.2
890	7/29/2012 21:16:33	11.69	51.09	33.44	7.60	7.95	3.9	3.809	86.5
891	7/29/2012 21:31:33	11.69	51.07	33.42	7.27	7.93	3.4	3.827	82.7
892	7/29/2012 21:46:33	11.76	51.06	33.42	7.26	7.93	3.1	3.815	82.7
893	7/29/2012 22:01:33	11.73	51.08	33.43	7.62	7.95	3.9	3.776	86.8
894	7/29/2012 22:16:33	12.16	50.95	33.36	7.32	7.92	5.3	3.729	84.0
895	7/29/2012 22:31:33	12.63	50.93	33.36	6.96	7.90	6.9	3.658	80.7
896	7/29/2012 22:46:33	12.76	50.89	33.34	6.88	7.90	7.8	3.570	80.0
897	7/29/2012 23:01:33	13.43	50.78	33.29	7.01	7.93	7.8	3.467	82.6
898	7/29/2012 23:16:33	14.31	50.80	33.33	7.45	8.00	9.2	3.360	89.4
899	7/29/2012 23:31:33	14.32	50.82	33.34	7.46	8.00	9.9	3.241	89.5
900	7/29/2012 23:46:33	14.50	50.76	33.31	7.34	7.98	8.3	3.119	88.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
901	7/30/2012 0:01:33	14.74	50.79	33.33	7.27	7.98	8.2	2.998	88.0
902	7/30/2012 0:16:33	15.19	50.70	33.28	7.10	7.97	9.5	2.880	86.7
903	7/30/2012 0:31:33	15.37	50.72	33.30	7.14	7.97	8.9	2.752	87.5
904	7/30/2012 0:46:33	15.58	50.68	33.28	6.98	7.96	8.5	2.619	85.9
905	7/30/2012 1:01:33	15.42	50.61	33.22	6.99	7.96	10.0	2.492	85.6
906	7/30/2012 1:16:33	15.40	50.78	33.34	6.99	7.95	10.7	2.348	85.7
907	7/30/2012 1:31:33	15.62	50.80	33.36	6.97	7.96	9.1	2.207	85.9
908	7/30/2012 1:46:33	15.71	50.79	33.35	6.86	7.94	12.4	2.061	84.7
909	7/30/2012 2:01:33	15.99	50.76	33.34	6.89	7.96	8.6	1.910	85.5
910	7/30/2012 2:16:33	16.33	50.66	33.27	6.91	7.98	9.0	1.764	86.3
911	7/30/2012 2:31:33	16.61	50.70	33.30	6.94	7.99	8.6	1.616	87.2
912	7/30/2012 2:46:33	16.69	50.66	33.28	6.90	7.98	13.4	1.466	86.8
913	7/30/2012 3:01:33	16.87	50.62	33.25	6.98	7.99	10.9	1.338	88.0
914	7/30/2012 3:16:33	17.04	50.59	33.23	6.91	8.00	8.7	1.221	87.4
915	7/30/2012 3:31:33	17.16	50.53	33.19	6.86	8.01	9.7	1.116	87.0
916	7/30/2012 3:46:33	17.20	50.64	33.27	6.78	8.00	6.8	1.032	86.0
917	7/30/2012 4:01:33	17.56	50.60	33.24	7.13	8.05	6.7	1.008	91.2
918	7/30/2012 4:16:33	17.42	50.58	33.23	7.00	8.03	6.0	1.000	89.3
919	7/30/2012 4:31:33	17.61	50.70	33.31	7.05	8.05	6.8	1.040	90.3
920	7/30/2012 4:46:33	17.72	50.65	33.28	7.29	8.07	6.7	1.119	93.5
921	7/30/2012 5:01:33	17.86	50.70	33.32	7.43	8.09	6.6	1.174	95.6
922	7/30/2012 5:16:33	17.85	50.67	33.29	7.42	8.09	6.6	1.250	95.4
923	7/30/2012 5:31:33	17.80	50.62	33.26	7.35	8.08	6.8	1.319	94.3
924	7/30/2012 5:46:33	17.76	50.37	33.07	7.11	8.05	8.3	1.378	91.1
925	7/30/2012 6:01:33	17.73	50.45	33.14	7.13	8.05	7.4	1.452	91.4
926	7/30/2012 6:16:33	17.67	50.49	33.16	7.08	8.04	7.3	1.521	90.6
927	7/30/2012 6:31:33	17.63	50.34	33.05	7.04	8.03	8.1	1.595	90.0
928	7/30/2012 6:46:33	17.58	50.41	33.10	7.06	8.03	10.0	1.681	90.2
929	7/30/2012 7:01:33	17.47	50.61	33.25	7.11	8.03	8.1	1.763	90.8
930	7/30/2012 7:16:33	17.33	50.61	33.25	7.09	8.03	8.2	1.860	90.2
931	7/30/2012 7:31:33	17.06	50.62	33.25	7.03	8.01	8.1	1.957	89.0
932	7/30/2012 7:46:33	16.78	50.62	33.25	6.98	8.00	8.6	2.053	87.9
933	7/30/2012 8:01:33	16.57	50.67	33.28	6.92	7.99	8.1	2.153	86.8
934	7/30/2012 8:16:33	16.37	50.68	33.29	6.91	7.98	10.3	2.267	86.4
935	7/30/2012 8:31:33	16.20	50.72	33.31	6.91	7.98	9.0	2.352	86.1
936	7/30/2012 8:46:33	16.13	50.72	33.31	6.86	7.97	8.2	2.440	85.4
937	7/30/2012 9:01:33	15.98	50.69	33.28	6.87	7.97	8.4	2.535	85.2
938	7/30/2012 9:16:33	15.75	50.61	33.22	6.82	7.96	8.6	2.620	84.2
939	7/30/2012 9:31:33	15.60	50.65	33.25	6.75	7.95	8.7	2.685	83.1
940	7/30/2012 9:46:33	15.29	50.54	33.17	6.82	7.95	9.2	2.761	83.4
941	7/30/2012 10:01:33	15.05	50.57	33.18	6.85	7.95	9.2	2.836	83.3
942	7/30/2012 10:16:33	14.81	50.64	33.23	6.88	7.95	8.7	2.893	83.3
943	7/30/2012 10:31:33	14.31	50.59	33.18	6.96	7.94	9.1	2.951	83.4
944	7/30/2012 10:46:33	13.96	50.71	33.25	6.98	7.94	7.1	2.996	83.1
945	7/30/2012 11:01:33	13.74	50.74	33.26	7.05	7.94	6.1	3.041	83.6
946	7/30/2012 11:16:33	13.63	50.79	33.30	7.00	7.94	5.6	3.074	82.8
947	7/30/2012 11:31:33	13.80	50.53	33.11	6.73	7.93	4.1	3.081	79.8
948	7/30/2012 11:46:33	13.68	50.78	33.29	6.86	7.94	5.3	3.087	81.2
949	7/30/2012 12:01:33	13.62	50.78	33.29	6.80	7.92	4.5	3.063	80.4
950	7/30/2012 12:16:33	13.70	50.78	33.29	7.01	7.94	6.7	3.016	83.1
951	7/30/2012 12:31:33	13.96	50.72	33.26	6.94	7.93	7.1	2.963	82.6
952	7/30/2012 12:46:33	14.77	50.62	33.21	7.43	7.99	7.5	2.889	89.9
953	7/30/2012 13:01:33	15.26	50.64	33.24	7.74	8.01	7.6	2.815	94.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
954	7/30/2012 13:16:33	15.54	50.60	33.21	7.84	8.03	7.8	2.749	96.4
955	7/30/2012 13:31:33	15.75	50.64	33.25	8.09	8.05	7.3	2.660	99.8
956	7/30/2012 13:46:33	15.87	50.65	33.25	8.38	8.06	7.2	2.584	103.7
957	7/30/2012 14:01:33	16.09	50.65	33.26	9.05	8.11	6.5	2.521	112.4
958	7/30/2012 14:16:33	16.27	50.63	33.25	9.81	8.15	5.5	2.450	122.3
959	7/30/2012 14:31:33	16.46	50.65	33.26	10.19	8.20	5.4	2.385	127.6
960	7/30/2012 14:46:33	16.73	50.61	33.24	9.49	8.14	5.7	2.327	119.3
961	7/30/2012 15:01:33	16.87	50.67	33.28	10.23	8.19	5.3	2.272	129.1
962	7/30/2012 15:16:33	17.00	50.61	33.24	8.67	8.13	5.1	2.214	109.7
963	7/30/2012 15:31:33	17.15	50.59	33.23	9.44	8.16	5.0	2.189	119.8
964	7/30/2012 15:46:33	17.28	50.64	33.27	9.31	8.16	4.8	2.170	118.4
965	7/30/2012 16:01:33	17.32	50.65	33.27	8.33	8.14	4.0	2.141	106.0
966	7/30/2012 16:16:33	17.32	50.64	33.27	10.05	8.18	5.1	2.162	128.0
967	7/30/2012 16:31:33	17.35	50.65	33.28	9.48	8.15	5.4	2.186	120.7
968	7/30/2012 16:46:33	17.32	50.60	33.24	8.43	8.09	5.9	2.211	107.3
969	7/30/2012 17:01:33	17.58	50.56	33.22	8.05	8.07	5.8	2.257	102.9
970	7/30/2012 17:16:33	17.38	50.68	33.30	7.92	8.05	6.0	2.315	100.9
971	7/30/2012 17:31:33	17.05	50.63	33.26	7.82	8.04	7.9	2.396	99.0
972	7/30/2012 17:46:33	17.19	50.58	33.22	7.81	8.04	6.6	2.453	99.1
973	7/30/2012 18:01:33	16.88	50.64	33.26	7.79	8.03	6.4	2.528	98.3
974	7/30/2012 18:16:33	16.67	50.64	33.26	7.81	8.03	6.9	2.611	98.1
975	7/30/2012 18:31:33	16.18	50.66	33.27	7.64	8.01	6.8	2.684	95.1
976	7/30/2012 18:46:33	15.92	50.65	33.26	7.48	7.99	7.2	2.761	92.6
977	7/30/2012 19:01:33	15.18	50.71	33.29	7.26	7.97	9.2	2.840	88.6
978	7/30/2012 19:16:33	14.92	50.69	33.26	7.27	7.96	9.4	2.932	88.2
979	7/30/2012 19:31:33	14.56	50.77	33.32	7.24	7.96	8.7	3.013	87.3
980	7/30/2012 19:46:33	14.09	50.81	33.33	7.31	7.95	9.8	3.103	87.3
981	7/30/2012 20:01:33	13.60	50.86	33.35	7.37	7.94	9.9	3.196	87.1
982	7/30/2012 20:16:33	13.16	50.88	33.35	7.41	7.94	9.0	3.286	86.9
983	7/30/2012 20:31:33	12.80	50.91	33.35	7.40	7.93	9.0	3.386	86.1
984	7/30/2012 20:46:33	12.37	50.95	33.36	7.45	7.93	7.5	3.472	85.9
985	7/30/2012 21:01:33	12.10	51.00	33.39	7.55	7.93	8.0	3.560	86.6
986	7/30/2012 21:16:33	11.89	50.96	33.35	7.76	7.95	7.0	3.646	88.6
987	7/30/2012 21:31:33	11.76	51.00	33.38	8.15	7.98	5.7	3.718	92.8
988	7/30/2012 21:46:33	11.68	51.01	33.38	8.32	7.99	5.0	3.773	94.6
989	7/30/2012 22:01:33	11.56	51.03	33.38	8.52	8.01	4.2	3.832	96.7
990	7/30/2012 22:16:33	11.52	51.03	33.38	8.53	8.01	3.7	3.861	96.6
991	7/30/2012 22:31:33	12.04	50.78	33.23	7.93	7.98	4.4	3.872	90.8
992	7/30/2012 22:46:33	11.76	51.01	33.38	8.14	7.99	4.4	3.861	92.7
993	7/30/2012 23:01:33	11.56	51.02	33.38	8.51	8.01	4.5	3.831	96.5
994	7/30/2012 23:16:33	11.79	50.99	33.37	8.31	7.99	5.1	3.775	94.7
995	7/30/2012 23:31:33	12.80	50.89	33.34	7.20	7.93	7.6	3.690	83.8
996	7/30/2012 23:46:33	13.04	50.80	33.28	7.03	7.92	9.3	3.583	82.2
997	7/31/2012 0:01:33	13.07	50.83	33.30	7.41	7.96	9.2	3.477	86.7
998	7/31/2012 0:16:33	13.63	50.82	33.32	7.53	7.99	9.7	3.359	89.1
999	7/31/2012 0:31:33	13.69	50.78	33.29	7.67	7.99	10.0	3.236	90.8
1000	7/31/2012 0:46:33	13.84	50.77	33.29	7.42	7.97	9.8	3.100	88.2
1001	7/31/2012 1:01:33	13.75	50.80	33.31	7.36	7.97	8.7	2.969	87.3
1002	7/31/2012 1:16:33	14.23	50.77	33.30	7.15	7.96	6.6	2.847	85.7
1003	7/31/2012 1:31:33	15.09	50.69	33.27	7.11	7.97	8.6	2.718	86.7
1004	7/31/2012 1:46:33	14.99	50.79	33.34	7.11	7.97	7.9	2.569	86.5
1005	7/31/2012 2:01:33	14.93	50.76	33.32	7.16	7.97	9.6	2.417	87.0
1006	7/31/2012 2:16:33	15.22	50.73	33.30	7.13	7.97	8.9	2.277	87.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1007	7/31/2012 2:31:33	15.33	50.72	33.29	7.01	7.96	9.7	2.127	85.8
1008	7/31/2012 2:46:33	15.81	50.59	33.21	7.02	7.97	10.0	1.959	86.7
1009	7/31/2012 3:01:33	15.85	50.60	33.22	6.87	7.96	9.3	1.809	85.0
1010	7/31/2012 3:16:33	16.42	50.59	33.23	7.03	7.99	9.2	1.660	87.9
1011	7/31/2012 3:31:33	16.80	50.54	33.19	7.16	8.01	9.2	1.503	90.1
1012	7/31/2012 3:46:33	17.05	50.58	33.22	7.24	8.02	9.0	1.350	91.6
1013	7/31/2012 4:01:33	17.21	50.64	33.27	7.30	8.02	13.9	1.204	92.6
1014	7/31/2012 4:16:33	17.48	50.60	33.24	7.36	8.03	10.1	1.082	94.0
1015	7/31/2012 4:31:33	17.48	50.58	33.23	7.22	8.03	8.6	0.991	92.2
1016	7/31/2012 4:46:33	17.75	50.63	33.26	7.38	8.05	7.9	0.907	94.7
1017	7/31/2012 5:01:33	17.46	50.62	33.26	6.91	8.02	7.6	0.894	88.1
1018	7/31/2012 5:16:33	18.08	50.54	33.20	7.39	8.08	6.1	0.926	95.3
1019	7/31/2012 5:31:33	18.26	50.54	33.20	7.74	8.09	6.3	0.990	100.2
1020	7/31/2012 5:46:33	18.22	50.59	33.24	7.80	8.09	6.4	1.067	100.9
1021	7/31/2012 6:01:33	18.23	50.60	33.25	7.84	8.10	6.7	1.157	101.4
1022	7/31/2012 6:16:33	18.14	50.58	33.23	7.78	8.09	7.1	1.224	100.5
1023	7/31/2012 6:31:33	18.21	50.33	33.05	7.54	8.07	9.7	1.301	97.5
1024	7/31/2012 6:46:33	18.11	50.40	33.10	7.56	8.07	7.4	1.373	97.6
1025	7/31/2012 7:01:33	18.06	50.49	33.17	7.42	8.05	7.4	1.433	95.8
1026	7/31/2012 7:16:33	17.96	50.35	33.07	7.44	8.05	20.0	1.531	95.7
1027	7/31/2012 7:31:33	17.87	50.31	33.03	7.37	8.05	9.0	1.619	94.6
1028	7/31/2012 7:46:33	17.67	50.40	33.10	7.34	8.04	8.5	1.705	93.9
1029	7/31/2012 8:01:33	17.44	50.48	33.15	7.28	8.03	8.0	1.797	92.8
1030	7/31/2012 8:16:33	17.05	50.54	33.19	7.16	8.01	9.2	1.919	90.7
1031	7/31/2012 8:31:33	16.88	50.56	33.21	7.10	8.00	8.2	2.029	89.5
1032	7/31/2012 8:46:33	16.63	50.63	33.25	7.04	7.99	9.4	2.131	88.5
1033	7/31/2012 9:01:33	16.51	50.60	33.23	7.03	7.99	8.7	2.238	88.0
1034	7/31/2012 9:16:33	16.33	50.65	33.26	7.01	7.99	9.0	2.344	87.5
1035	7/31/2012 9:31:33	16.22	50.67	33.28	7.00	7.98	9.3	2.455	87.2
1036	7/31/2012 9:46:33	15.96	50.60	33.22	6.94	7.97	9.4	2.547	86.0
1037	7/31/2012 10:01:33	15.69	50.62	33.23	6.90	7.96	9.5	2.635	85.1
1038	7/31/2012 10:16:33	15.37	50.61	33.22	6.93	7.96	10.4	2.725	84.8
1039	7/31/2012 10:31:33	15.01	50.67	33.25	6.95	7.95	10.8	2.801	84.5
1040	7/31/2012 10:46:33	14.62	50.67	33.24	6.99	7.94	10.7	2.885	84.4
1041	7/31/2012 11:01:33	13.87	50.76	33.29	7.14	7.94	10.3	2.953	84.9
1042	7/31/2012 11:16:33	13.51	50.78	33.28	7.23	7.94	10.1	3.018	85.3
1043	7/31/2012 11:31:33	13.36	50.75	33.26	7.28	7.95	8.9	3.080	85.6
1044	7/31/2012 11:46:33	13.25	50.79	33.28	7.33	7.95	7.3	3.134	86.1
1045	7/31/2012 12:01:33	13.20	50.78	33.27	7.24	7.95	6.0	3.167	84.9
1046	7/31/2012 12:16:33	13.14	50.80	33.29	7.15	7.95	4.3	3.189	83.7
1047	7/31/2012 12:31:33	13.41	50.78	33.29	7.31	7.96	6.0	3.206	86.1
1048	7/31/2012 12:46:33	13.36	50.73	33.25	7.25	7.94	7.8	3.180	85.3
1049	7/31/2012 13:01:33	13.28	50.76	33.27	7.29	7.94	7.3	3.136	85.6
1050	7/31/2012 13:16:33	13.42	50.70	33.23	7.27	7.95	8.9	3.076	85.6
1051	7/31/2012 13:31:33	14.19	50.67	33.23	7.76	8.00	9.4	2.995	92.9
1052	7/31/2012 13:46:33	14.71	50.67	33.25	7.90	8.02	9.5	2.923	95.5
1053	7/31/2012 14:01:33	15.03	50.68	33.26	7.83	8.01	9.7	2.833	95.2
1054	7/31/2012 14:16:33	15.46	50.65	33.25	8.04	8.04	8.3	2.733	98.7
1055	7/31/2012 14:31:33	15.83	50.67	33.27	8.31	8.05	7.8	2.659	102.8
1056	7/31/2012 14:46:33	16.17	50.61	33.24	8.56	8.07	7.5	2.572	106.5
1057	7/31/2012 15:01:33	16.49	50.61	33.24	9.44	8.13	7.3	2.498	118.2
1058	7/31/2012 15:16:33	16.67	50.65	33.27	9.93	8.16	6.7	2.413	124.7
1059	7/31/2012 15:31:33	16.89	50.51	33.17	10.57	8.21	6.0	2.336	133.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1060	7/31/2012 15:46:33	17.10	50.59	33.23	9.42	8.15	6.2	2.269	119.4
1061	7/31/2012 16:01:33	17.38	50.60	33.24	9.28	8.14	5.6	2.205	118.2
1062	7/31/2012 16:16:33	17.64	50.51	33.18	10.77	8.22	5.7	2.153	137.8
1063	7/31/2012 16:31:33	17.94	50.59	33.24	11.35	8.28	6.0	2.104	146.1
1064	7/31/2012 16:46:33	18.10	50.57	33.23	10.48	8.24	5.6	2.087	135.3
1065	7/31/2012 17:01:33	18.17	50.61	33.26	10.54	8.24	4.5	2.069	136.3
1066	7/31/2012 17:16:33	18.07	50.63	33.27	11.30	8.26	5.1	2.068	145.9
1067	7/31/2012 17:31:33	18.06	50.62	33.26	10.25	8.19	5.5	2.101	132.3
1068	7/31/2012 17:46:33	17.98	50.61	33.25	9.34	8.14	5.5	2.128	120.4
1069	7/31/2012 18:01:33	18.05	50.60	33.25	8.56	8.09	6.0	2.197	110.4
1070	7/31/2012 18:16:33	17.80	50.62	33.26	8.61	8.09	6.8	2.253	110.6
1071	7/31/2012 18:31:33	17.86	50.58	33.23	8.36	8.08	6.3	2.314	107.5
1072	7/31/2012 18:46:33	17.86	50.59	33.24	8.31	8.07	6.8	2.412	106.8
1073	7/31/2012 19:01:33	17.42	50.58	33.23	8.23	8.06	6.7	2.488	104.9
1074	7/31/2012 19:16:33	17.10	50.63	33.26	8.17	8.05	6.5	2.569	103.6
1075	7/31/2012 19:31:33	16.47	50.67	33.28	7.94	8.03	6.7	2.648	99.4
1076	7/31/2012 19:46:33	15.87	50.73	33.31	7.65	8.00	7.9	2.737	94.7
1077	7/31/2012 20:01:33	15.31	50.75	33.32	7.46	7.98	7.8	2.821	91.3
1078	7/31/2012 20:16:33	15.17	50.71	33.28	7.43	7.98	8.0	2.908	90.7
1079	7/31/2012 20:31:33	14.90	50.77	33.32	7.45	7.97	9.0	3.003	90.4
1080	7/31/2012 20:46:33	14.35	50.80	33.33	7.46	7.96	9.9	3.091	89.6
1081	7/31/2012 21:01:33	13.77	50.83	33.33	7.54	7.96	10.4	3.192	89.5
1082	7/31/2012 21:16:33	13.20	50.84	33.32	7.81	7.97	11.5	3.290	91.6
1083	7/31/2012 21:31:33	12.66	50.86	33.31	7.81	7.96	9.5	3.390	90.6
1084	7/31/2012 21:46:33	12.32	50.91	33.33	7.99	7.96	9.8	3.488	92.0
1085	7/31/2012 22:01:33	11.96	50.93	33.33	8.46	7.99	7.5	3.581	96.7
1086	7/31/2012 22:16:34	11.80	50.98	33.36	8.74	8.01	6.7	3.675	99.6
1087	7/31/2012 22:31:33	11.63	50.97	33.35	9.14	8.04	5.4	3.741	103.7
1088	7/31/2012 22:46:33	11.62	50.98	33.35	9.26	8.05	6.4	3.856	105.1
1089	7/31/2012 23:01:33	11.59	50.96	33.33	9.35	8.06	5.6	3.919	106.1
1090	7/31/2012 23:16:33	11.59	50.98	33.35	9.23	8.06	4.4	3.939	104.7
1091	7/31/2012 23:31:33	11.91	50.83	33.25	8.77	8.03	6.7	3.943	100.1
1092	7/31/2012 23:46:34	11.78	50.94	33.33	8.99	8.04	6.2	3.930	102.4
1093	8/1/2012 0:01:33	11.66	50.93	33.31	9.27	8.06	5.5	3.886	105.3
1094	8/1/2012 0:16:33	13.17	50.73	33.24	8.15	8.00	7.3	3.811	95.5
1095	8/1/2012 0:31:33	13.30	50.84	33.32	7.56	7.96	6.4	3.719	88.9
1096	8/1/2012 0:46:33	13.21	50.81	33.30	7.61	7.96	8.3	3.604	89.2
1097	8/1/2012 1:01:33	13.29	50.81	33.30	7.96	8.00	9.3	3.479	93.6
1098	8/1/2012 1:16:33	13.48	50.75	33.26	7.95	8.00	9.4	3.350	93.7
1099	8/1/2012 1:31:33	13.76	50.75	33.27	7.74	7.99	10.0	3.230	91.8
1100	8/1/2012 1:46:33	13.75	50.76	33.28	7.71	7.98	7.5	3.091	91.4
1101	8/1/2012 2:01:33	14.21	50.63	33.20	7.55	7.98	10.9	2.946	90.3
1102	8/1/2012 2:16:33	14.72	50.59	33.19	7.34	7.97	8.6	2.820	88.7
1103	8/1/2012 2:31:33	15.00	50.65	33.24	7.18	7.96	8.3	2.672	87.3
1104	8/1/2012 2:46:33	15.13	50.53	33.16	7.22	7.97	9.2	2.530	88.0
1105	8/1/2012 3:01:33	14.87	50.67	33.25	7.22	7.96	9.0	2.378	87.6
1106	8/1/2012 3:16:33	15.42	50.61	33.22	7.30	7.98	10.3	2.227	89.5
1107	8/1/2012 3:31:33	15.59	50.57	33.19	7.21	7.98	9.2	2.077	88.7
1108	8/1/2012 3:46:33	15.98	50.53	33.17	7.17	7.98	10.1	1.905	88.8
1109	8/1/2012 4:01:33	16.25	50.54	33.19	7.01	7.97	11.3	1.743	87.3
1110	8/1/2012 4:16:33	16.80	50.51	33.17	7.17	8.00	10.9	1.593	90.3
1111	8/1/2012 4:31:33	17.15	50.51	33.17	7.35	8.02	10.6	1.437	93.2
1112	8/1/2012 4:46:33	17.42	50.49	33.16	7.40	8.03	10.7	1.274	94.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1113	8/1/2012 5:01:33	17.67	50.54	33.20	7.47	8.04	13.3	1.146	95.7
1114	8/1/2012 5:16:33	17.91	50.55	33.21	7.48	8.05	99.6	1.026	96.3
1115	8/1/2012 5:31:33	18.09	50.53	33.19	7.37	8.05	11.2	0.929	95.1
1116	8/1/2012 5:46:33	17.71	50.50	33.17	6.97	8.02	9.5	0.919	89.3
1117	8/1/2012 6:01:33	18.30	50.51	33.18	7.38	8.07	16.3	0.920	95.6
1118	8/1/2012 6:16:33	18.56	50.50	33.17	7.67	8.10	8.0	0.984	99.9
1119	8/1/2012 6:31:33	18.45	50.55	33.22	7.70	8.09	8.3	1.076	100.1
1120	8/1/2012 6:46:33	18.50	50.48	33.16	7.68	8.10	8.5	1.158	99.9
1121	8/1/2012 7:01:33	18.43	50.47	33.15	7.65	8.10	7.3	1.233	99.4
1122	8/1/2012 7:16:33	18.36	50.48	33.16	7.62	8.08	7.8	1.318	98.8
1123	8/1/2012 7:31:33	18.39	50.29	33.02	7.48	8.07	9.7	1.403	96.9
1124	8/1/2012 7:46:33	18.32	50.34	33.05	7.40	8.07	10.8	1.461	95.8
1125	8/1/2012 8:01:33	18.24	50.30	33.02	7.41	8.06	11.5	1.560	95.7
1126	8/1/2012 8:16:33	18.16	50.36	33.07	7.44	8.05	10.3	1.656	96.1
1127	8/1/2012 8:31:33	17.97	50.39	33.09	7.44	8.05	10.5	1.754	95.7
1128	8/1/2012 8:46:33	17.68	50.41	33.10	7.36	8.04	10.0	1.869	94.3
1129	8/1/2012 9:01:33	17.25	50.45	33.13	7.22	8.02	10.1	1.975	91.7
1130	8/1/2012 9:16:33	17.01	50.55	33.20	7.18	8.00	10.3	2.103	90.7
1131	8/1/2012 9:31:33	16.79	50.44	33.12	7.15	8.00	11.4	2.220	89.9
1132	8/1/2012 9:46:33	16.61	50.57	33.21	7.13	7.99	10.9	2.333	89.5
1133	8/1/2012 10:01:33	16.48	50.57	33.21	7.13	7.99	11.2	2.446	89.3
1134	8/1/2012 10:16:33	16.27	50.45	33.12	7.15	7.99	12.8	2.557	89.1
1135	8/1/2012 10:31:33	15.95	50.53	33.17	7.11	7.98	11.8	2.659	88.1
1136	8/1/2012 10:46:33	15.65	50.52	33.16	7.11	7.97	13.3	2.753	87.6
1137	8/1/2012 11:01:33	15.22	50.53	33.16	7.17	7.97	13.9	2.844	87.5
1138	8/1/2012 11:16:33	14.81	50.54	33.15	7.28	7.96	12.7	2.931	88.2
1139	8/1/2012 11:31:33	14.28	50.61	33.19	7.49	7.97	13.4	3.019	89.8
1140	8/1/2012 11:46:33	13.85	50.64	33.20	7.67	7.98	13.4	3.084	91.1
1141	8/1/2012 12:01:33	13.63	50.65	33.20	7.80	7.99	12.6	3.161	92.3
1142	8/1/2012 12:16:33	13.47	50.65	33.19	7.88	7.99	11.7	3.229	92.9
1143	8/1/2012 12:31:33	13.27	50.67	33.20	7.84	7.99	10.1	3.277	92.0
1144	8/1/2012 12:46:33	13.08	50.71	33.22	7.60	7.97	8.2	3.315	88.9
1145	8/1/2012 13:01:33	12.92	50.72	33.22	7.56	7.97	5.7	3.348	88.2
1146	8/1/2012 13:16:33	13.09	50.68	33.20	7.25	7.95	5.6	3.348	84.7
1147	8/1/2012 13:31:33	12.98	50.68	33.20	7.50	7.96	7.3	3.317	87.5
1148	8/1/2012 13:46:33	13.05	50.64	33.17	7.57	7.96	9.1	3.272	88.5
1149	8/1/2012 14:01:33	13.47	50.64	33.18	7.70	7.98	10.1	3.204	90.8
1150	8/1/2012 14:16:33	14.00	50.52	33.11	8.03	8.01	11.4	3.124	95.6
1151	8/1/2012 14:31:33	14.69	50.47	33.10	8.25	8.04	13.7	3.020	99.7
1152	8/1/2012 14:46:33	14.89	50.53	33.15	8.18	8.04	27.2	2.925	99.2
1153	8/1/2012 15:01:33	15.34	50.54	33.16	8.31	8.04	9.2	2.831	101.6
1154	8/1/2012 15:16:33	15.72	50.48	33.13	8.41	8.06	8.3	2.728	103.6
1155	8/1/2012 15:31:33	15.94	50.46	33.12	9.27	8.12	8.1	2.641	114.7
1156	8/1/2012 15:46:33	16.29	50.44	33.11	9.50	8.15	9.5	2.557	118.4
1157	8/1/2012 16:01:33	16.41	50.50	33.16	10.35	8.19	7.2	2.449	129.3
1158	8/1/2012 16:16:33	16.49	50.51	33.16	10.47	8.23	6.8	2.359	131.0
1159	8/1/2012 16:31:33	16.82	50.49	33.16	10.34	8.19	7.2	2.294	130.2
1160	8/1/2012 16:46:33	16.91	50.44	33.12	10.27	8.19	6.1	2.201	129.6
1161	8/1/2012 17:01:33	17.21	50.49	33.16	10.49	8.20	6.2	2.124	133.2
1162	8/1/2012 17:16:33	17.46	50.51	33.18	10.53	8.24	5.3	2.077	134.3
1163	8/1/2012 17:31:33	17.50	50.47	33.15	9.80	8.19	5.1	2.034	125.0
1164	8/1/2012 17:46:33	17.78	50.47	33.15	10.57	8.24	5.7	1.987	135.6
1165	8/1/2012 18:01:33	17.86	50.54	33.20	10.39	8.23	5.5	1.991	133.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	8/1/2012 18:16:33	17.85	50.40	33.10	10.40	8.22	6.4	2.004	133.5
1167	8/1/2012 18:31:33	17.89	50.58	33.23	9.52	8.17	10.1	2.036	122.4
1168	8/1/2012 18:46:33	18.04	50.44	33.13	8.75	8.12	6.5	2.078	112.8
1169	8/1/2012 19:01:33	18.05	50.47	33.15	8.37	8.09	6.5	2.149	107.9
1170	8/1/2012 19:16:33	17.74	50.50	33.17	8.40	8.09	7.4	2.232	107.7
1171	8/1/2012 19:31:33	17.92	50.36	33.07	8.38	8.08	8.3	2.312	107.7
1172	8/1/2012 19:46:33	17.59	50.38	33.08	8.29	8.07	8.6	2.401	105.9
1173	8/1/2012 20:01:33	17.24	50.45	33.13	8.28	8.07	7.9	2.494	105.1
1174	8/1/2012 20:16:33	16.93	50.45	33.12	8.18	8.06	15.5	2.581	103.2
1175	8/1/2012 20:31:33	16.42	50.52	33.17	7.91	8.03	8.3	2.668	98.8
1176	8/1/2012 20:46:33	15.77	50.49	33.14	7.61	8.00	8.9	2.761	93.9
1177	8/1/2012 21:01:33	15.53	50.53	33.16	7.61	8.00	9.0	2.841	93.4
1178	8/1/2012 21:16:33	15.34	50.46	33.11	7.61	8.00	9.4	2.943	93.1
1179	8/1/2012 21:31:33	14.98	50.58	33.19	7.66	7.99	10.4	3.035	93.0
1180	8/1/2012 21:46:33	14.49	50.56	33.16	7.67	7.98	11.2	3.122	92.3
1181	8/1/2012 22:01:33	13.99	50.58	33.16	7.81	7.99	12.6	3.223	93.0
1182	8/1/2012 22:16:33	13.29	50.63	33.17	7.98	7.99	12.5	3.329	93.7
1183	8/1/2012 22:31:33	12.80	50.73	33.22	8.02	7.98	15.5	3.426	93.3
1184	8/1/2012 22:46:33	12.34	50.75	33.22	8.23	7.99	11.4	3.519	94.8
1185	8/1/2012 23:01:33	12.08	50.75	33.21	8.57	8.01	11.4	3.617	98.1
1186	8/1/2012 23:16:33	11.90	50.79	33.22	8.77	8.02	8.5	3.701	100.1
1187	8/1/2012 23:31:33	11.81	50.78	33.22	8.85	8.03	7.1	3.768	100.8
1188	8/1/2012 23:46:33	11.77	50.80	33.23	8.77	8.03	6.2	3.826	99.8
1189	8/2/2012 0:01:33	11.71	50.88	33.28	8.68	8.03	4.8	3.872	98.7
1190	8/2/2012 0:16:33	11.60	50.83	33.24	8.42	8.03	4.0	3.891	95.5
1191	8/2/2012 0:31:33	11.82	50.87	33.28	8.47	8.02	5.0	3.875	96.5
1192	8/2/2012 0:46:33	11.71	50.84	33.25	8.77	8.03	6.2	3.848	99.7
1193	8/2/2012 1:01:33	11.73	50.83	33.24	8.76	8.03	6.2	3.786	99.6
1194	8/2/2012 1:16:33	12.87	50.79	33.27	7.91	7.99	6.9	3.696	92.2
1195	8/2/2012 1:31:33	13.01	50.84	33.31	7.72	7.98	6.8	3.598	90.2
1196	8/2/2012 1:46:33	12.63	50.80	33.27	8.03	7.99	7.2	3.476	93.1
1197	8/2/2012 2:01:33	13.39	50.76	33.27	7.95	8.00	9.3	3.354	93.6
1198	8/2/2012 2:16:33	13.78	50.65	33.20	7.78	8.00	9.4	3.225	92.2
1199	8/2/2012 2:31:33	13.95	50.67	33.22	7.70	7.99	7.8	3.095	91.6
1200	8/2/2012 2:46:33	14.46	50.67	33.24	7.48	7.99	8.3	2.960	90.0
1201	8/2/2012 3:01:33	14.82	50.58	33.19	7.43	7.99	9.2	2.823	90.0
1202	8/2/2012 3:16:33	15.30	50.55	33.17	7.20	7.98	9.7	2.692	88.1
1203	8/2/2012 3:31:33	14.99	50.61	33.21	7.32	7.98	8.9	2.538	89.0
1204	8/2/2012 3:46:33	14.79	50.61	33.20	7.32	7.97	10.4	2.385	88.6
1205	8/2/2012 4:01:33	14.47	50.45	33.08	7.24	7.92	11.9	2.255	87.0
1206	8/2/2012 4:16:33	15.16	50.42	33.07	7.14	7.96	10.1	2.086	86.9
1207	8/2/2012 4:31:33	15.60	50.43	33.09	7.05	7.97	10.8	1.930	86.7
1208	8/2/2012 4:46:33	15.90	50.39	33.07	7.04	7.97	10.1	1.769	87.0
1209	8/2/2012 5:01:33	16.33	50.61	33.23	7.05	7.99	22.5	1.612	88.0
1210	8/2/2012 5:16:33	16.69	50.44	33.11	7.16	8.01	10.5	1.455	90.0
1211	8/2/2012 5:31:33	16.89	50.33	33.04	7.24	8.02	10.2	1.301	91.2
1212	8/2/2012 5:46:33	17.11	50.50	33.17	7.21	8.02	10.8	1.169	91.4
1213	8/2/2012 6:01:33	17.24	50.42	33.11	7.18	8.02	8.6	1.062	91.2
1214	8/2/2012 6:16:33	17.52	50.50	33.17	7.26	8.04	8.7	0.971	92.7
1215	8/2/2012 6:31:33	17.12	50.58	33.23	6.98	8.01	7.8	0.926	88.5
1216	8/2/2012 6:46:33	17.56	50.58	33.23	7.37	8.05	7.9	0.957	94.2
1217	8/2/2012 7:01:33	17.74	50.38	33.08	7.39	8.06	7.7	1.011	94.7
1218	8/2/2012 7:16:33	17.80	50.49	33.16	7.53	8.08	7.6	1.113	96.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1219	8/2/2012 7:31:33	17.99	50.49	33.16	7.59	8.09	8.1	1.211	97.8
1220	8/2/2012 7:46:33	17.95	50.36	33.07	7.56	8.08	7.6	1.294	97.3
1221	8/2/2012 8:01:33	17.85	50.33	33.05	7.38	8.06	9.4	1.384	94.7
1222	8/2/2012 8:16:33	17.82	50.18	32.94	7.22	8.04	10.1	1.457	92.6
1223	8/2/2012 8:31:33	17.74	50.17	32.93	7.15	8.04	9.4	1.537	91.6
1224	8/2/2012 8:46:33	17.64	50.19	32.95	7.23	8.04	9.3	1.634	92.5
1225	8/2/2012 9:01:33	17.37	50.29	33.01	7.23	8.03	9.8	1.745	92.0
1226	8/2/2012 9:16:33	17.25	50.43	33.11	7.20	8.02	9.4	1.831	91.5
1227	8/2/2012 9:31:33	17.06	50.40	33.09	7.15	8.01	9.2	1.940	90.5
1228	8/2/2012 9:46:33	16.67	50.37	33.07	7.10	8.00	10.9	2.080	89.2
1229	8/2/2012 10:01:33	16.44	50.28	32.99	7.14	7.99	46.5	2.192	89.2
1230	8/2/2012 10:16:33	16.37	50.18	32.92	7.14	7.99	9.7	2.308	89.0
1231	8/2/2012 10:31:33	16.21	49.84	32.67	7.18	7.99	10.0	2.427	89.2
1232	8/2/2012 10:46:33	16.04	50.13	32.88	7.20	7.98	10.7	2.552	89.1
	Mean	15.99	50.62	33.23	7.61	8.02	7.86	2.53	94.25
	Minimum	11.52	47.59	30.97	5.08	7.86	3.10	0.89	64.00
	Maximum	18.58	51.16	33.50	11.35	8.28	99.60	3.94	146.10

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	8/2/2012 11:15:49	15.60	51.25	33.70	7.33	7.97	12.0	2.718	90.4
1	8/2/2012 11:30:49	15.07	51.19	33.63	7.44	7.97	15.0	2.821	90.8
2	8/2/2012 11:45:49	14.72	51.26	33.68	7.53	7.97	13.4	2.915	91.3
3	8/2/2012 12:00:49	13.96	51.31	33.69	7.75	7.98	13.3	3.006	92.5
4	8/2/2012 12:15:49	13.62	51.33	33.69	7.84	7.98	13.3	3.084	92.9
5	8/2/2012 12:30:49	13.35	51.27	33.64	7.93	7.99	12.3	3.167	93.5
6	8/2/2012 12:45:49	13.07	51.38	33.71	7.92	7.99	11.9	3.248	92.9
7	8/2/2012 13:00:50	12.64	51.50	33.78	7.79	7.98	12.8	3.310	90.6
8	8/2/2012 13:15:50	12.23	51.60	33.83	7.65	7.97	9.5	3.368	88.3
9	8/2/2012 13:30:49	11.93	51.47	33.73	7.53	7.95	7.8	3.405	86.2
10	8/2/2012 13:45:49	11.83	51.58	33.80	7.44	7.95	5.5	3.430	85.1
11	8/2/2012 14:00:49	12.03	51.53	33.77	7.39	7.95	6.4	3.429	84.8
12	8/2/2012 14:15:49	11.77	51.53	33.76	7.31	7.94	7.5	3.387	83.5
13	8/2/2012 14:30:49	12.06	51.54	33.78	7.40	7.95	8.8	3.333	85.0
14	8/2/2012 14:45:50	13.82	51.42	33.77	8.40	8.05	14.6	3.250	100.1
15	8/2/2012 15:00:49	14.02	51.18	33.60	8.37	8.04	10.8	3.160	100.0
16	8/2/2012 15:15:49	14.45	51.35	33.74	8.36	8.04	12.4	3.051	100.8
17	8/2/2012 15:30:49	14.87	51.15	33.60	8.54	8.06	10.1	2.936	103.8
18	8/2/2012 15:45:49	15.17	51.28	33.70	8.31	8.04	9.0	2.843	101.7
19	8/2/2012 16:00:49	15.68	51.17	33.64	8.53	8.07	8.0	2.740	105.4
20	8/2/2012 16:15:49	16.08	51.21	33.67	8.95	8.11	8.5	2.644	111.4
21	8/2/2012 16:30:49	16.31	51.22	33.68	9.32	8.13	7.0	2.538	116.6
22	8/2/2012 16:45:49	16.31	51.25	33.70	10.17	8.19	6.7	2.436	127.3
23	8/2/2012 17:00:49	16.48	51.27	33.72	9.23	8.12	7.0	2.359	115.9
24	8/2/2012 17:15:49	16.54	51.21	33.68	10.71	8.21	6.7	2.254	134.5
25	8/2/2012 17:30:49	16.63	51.20	33.67	11.87	8.28	5.9	2.167	149.4
26	8/2/2012 17:45:49	16.94	51.23	33.70	10.49	8.22	6.0	2.096	132.8
27	8/2/2012 18:00:49	17.11	51.18	33.66	11.17	8.26	6.0	2.023	141.9
28	8/2/2012 18:15:49	17.29	51.01	33.54	11.45	8.29	5.4	1.969	145.9
29	8/2/2012 18:30:49	17.77	51.17	33.66	10.43	8.25	5.3	1.923	134.2
30	8/2/2012 18:45:49	17.90	51.11	33.62	9.94	8.22	4.8	1.909	128.1
31	8/2/2012 19:00:49	17.99	51.12	33.63	9.77	8.21	4.5	1.913	126.1
32	8/2/2012 19:15:49	18.07	51.14	33.64	9.23	8.17	5.4	1.937	119.4
33	8/2/2012 19:30:49	17.90	51.22	33.70	9.19	8.15	5.4	1.973	118.6
34	8/2/2012 19:45:49	18.00	51.12	33.63	8.62	8.11	5.9	2.031	111.4
35	8/2/2012 20:00:49	17.81	51.12	33.62	8.54	8.10	7.2	2.126	109.9
36	8/2/2012 20:15:49	18.08	51.02	33.56	8.65	8.10	9.2	2.208	111.8
37	8/2/2012 20:30:49	17.73	51.03	33.56	8.55	8.09	8.3	2.301	109.8
38	8/2/2012 20:45:49	17.40	51.22	33.69	8.53	8.09	7.6	2.390	109.0
39	8/2/2012 21:00:49	17.04	51.18	33.67	8.51	8.08	6.7	2.485	108.0
40	8/2/2012 21:15:49	16.46	51.01	33.53	8.18	8.05	8.2	2.578	102.5
41	8/2/2012 21:30:49	15.80	51.25	33.70	7.81	8.01	7.8	2.668	96.7
42	8/2/2012 21:45:49	15.51	51.22	33.67	7.81	8.01	7.8	2.756	96.1
43	8/2/2012 22:00:49	15.32	51.04	33.53	7.77	8.01	7.9	2.845	95.3
44	8/2/2012 22:15:49	14.93	51.08	33.55	7.85	8.01	9.3	2.941	95.5
45	8/2/2012 22:30:49	14.51	51.35	33.74	7.82	8.00	9.9	3.029	94.5
46	8/2/2012 22:45:49	14.15	51.34	33.72	7.79	8.00	10.9	3.128	93.4
47	8/2/2012 23:00:49	13.37	51.36	33.70	7.77	7.98	10.6	3.223	91.6
48	8/2/2012 23:15:50	12.89	51.46	33.76	7.68	7.97	9.2	3.323	89.7
49	8/2/2012 23:30:50	12.35	51.52	33.78	7.67	7.97	9.2	3.418	88.7
50	8/2/2012 23:45:49	11.94	51.55	33.78	7.72	7.96	8.5	3.501	88.5
51	8/3/2012 0:00:49	11.74	51.55	33.77	7.83	7.97	8.1	3.584	89.4
52	8/3/2012 0:15:50	11.61	51.54	33.76	7.90	7.98	6.2	3.659	89.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	8/3/2012 0:30:49	11.60	51.51	33.74	7.93	7.98	6.0	3.718	90.2
54	8/3/2012 0:45:49	11.64	51.56	33.77	7.91	7.98	5.1	3.760	90.1
55	8/3/2012 1:00:50	11.49	51.61	33.80	7.93	7.99	5.6	3.784	90.0
56	8/3/2012 1:15:50	11.85	51.57	33.80	7.74	7.97	3.4	3.795	88.6
57	8/3/2012 1:30:50	11.56	51.63	33.82	7.77	7.98	4.7	3.770	88.4
58	8/3/2012 1:45:50	11.61	51.56	33.77	7.81	7.98	6.2	3.719	88.9
59	8/3/2012 2:00:50	12.72	51.40	33.71	7.36	7.95	6.3	3.636	85.6
60	8/3/2012 2:15:49	13.10	51.23	33.60	7.26	7.95	5.9	3.550	85.1
61	8/3/2012 2:30:49	13.16	51.44	33.75	7.15	7.94	6.4	3.448	84.0
62	8/3/2012 2:45:50	13.18	51.35	33.69	7.37	7.96	6.5	3.319	86.6
63	8/3/2012 3:00:49	13.54	51.35	33.71	7.44	7.97	8.5	3.195	88.1
64	8/3/2012 3:15:50	14.09	51.37	33.74	7.36	7.97	7.6	3.069	88.2
65	8/3/2012 3:30:50	14.31	51.41	33.77	7.32	7.97	8.4	2.947	88.0
66	8/3/2012 3:45:50	14.49	51.30	33.70	7.28	7.97	7.3	2.815	87.9
67	8/3/2012 4:00:49	15.01	51.23	33.66	7.35	7.99	9.4	2.671	89.6
68	8/3/2012 4:15:49	14.98	51.00	33.49	7.20	7.96	7.5	2.541	87.7
69	8/3/2012 4:30:49	14.82	51.31	33.72	7.11	7.96	7.6	2.397	86.4
70	8/3/2012 4:45:49	15.04	51.24	33.67	7.14	7.97	12.0	2.240	87.2
71	8/3/2012 5:00:49	14.89	51.24	33.67	7.02	7.94	9.4	2.101	85.4
72	8/3/2012 5:15:49	15.47	51.10	33.58	7.14	7.98	9.5	1.952	87.8
73	8/3/2012 5:30:49	15.71	51.19	33.65	7.02	7.97	10.0	1.805	86.7
74	8/3/2012 5:45:49	15.87	51.21	33.67	6.89	7.96	9.0	1.646	85.4
75	8/3/2012 6:00:49	16.26	51.13	33.62	7.09	7.99	9.0	1.501	88.6
76	8/3/2012 6:15:49	16.59	51.27	33.72	7.15	8.00	9.8	1.374	90.0
77	8/3/2012 6:30:49	16.74	51.16	33.64	7.19	8.01	9.7	1.232	90.7
78	8/3/2012 6:45:49	16.99	51.22	33.70	7.21	8.01	8.5	1.132	91.4
79	8/3/2012 7:00:49	17.27	51.23	33.70	7.15	8.02	8.4	1.067	91.2
80	8/3/2012 7:15:49	17.39	51.23	33.70	7.11	8.03	7.3	1.024	90.8
81	8/3/2012 7:30:49	17.66	51.07	33.59	7.30	8.05	7.8	1.045	93.8
82	8/3/2012 7:45:49	17.78	51.25	33.72	7.37	8.06	6.3	1.099	94.8
83	8/3/2012 8:00:49	17.72	51.18	33.67	7.43	8.06	6.4	1.177	95.5
84	8/3/2012 8:15:49	17.94	51.14	33.65	7.42	8.07	6.5	1.269	95.7
85	8/3/2012 8:30:49	17.88	51.08	33.60	7.42	8.07	6.4	1.366	95.6
86	8/3/2012 8:45:49	17.73	50.82	33.40	7.26	8.04	9.4	1.462	93.1
87	8/3/2012 9:00:49	17.66	50.91	33.47	7.18	8.03	9.7	1.558	92.1
88	8/3/2012 9:15:49	17.50	51.06	33.58	7.24	8.03	9.5	1.649	92.6
89	8/3/2012 9:30:49	17.25	51.53	33.93	7.23	8.02	8.7	1.749	92.2
90	8/3/2012 9:45:50	17.10	51.27	33.73	7.24	8.02	8.3	1.859	92.0
91	8/3/2012 10:00:49	16.86	51.33	33.77	7.21	8.01	8.5	1.954	91.2
92	8/3/2012 10:15:50	16.46	51.89	34.18	7.18	8.00	7.5	2.065	90.4
93	8/3/2012 10:30:49	16.29	51.69	34.03	7.20	7.99	11.1	2.182	90.2
94	8/3/2012 10:45:49	16.21	51.43	33.84	7.19	7.99	8.6	2.288	89.9
95	8/3/2012 11:00:49	16.06	51.49	33.88	7.22	7.99	9.4	2.406	90.0
96	8/3/2012 11:15:49	15.79	51.25	33.70	7.26	7.99	10.1	2.517	89.9
97	8/3/2012 11:30:49	15.62	51.47	33.86	7.26	7.98	10.9	2.618	89.8
98	8/3/2012 11:45:50	15.36	51.45	33.84	7.28	7.98	12.2	2.728	89.5
99	8/3/2012 12:00:50	14.80	51.31	33.71	7.33	7.97	13.3	2.824	89.1
100	8/3/2012 12:15:49	14.45	51.33	33.72	7.37	7.97	12.5	2.926	88.9
101	8/3/2012 12:30:50	13.58	51.44	33.78	7.48	7.96	11.8	3.020	88.7
102	8/3/2012 12:45:50	13.15	51.37	33.71	7.56	7.97	12.3	3.108	88.8
103	8/3/2012 13:00:50	12.90	51.41	33.73	7.60	7.97	11.7	3.204	88.9
104	8/3/2012 13:15:50	12.52	51.37	33.68	7.50	7.95	12.5	3.288	86.9
105	8/3/2012 13:30:50	11.77	51.44	33.70	7.21	7.93	11.4	3.357	82.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	8/3/2012 13:45:50	11.22	51.55	33.74	7.12	7.92	9.3	3.425	80.4
107	8/3/2012 14:00:50	11.04	51.96	34.03	7.08	7.92	7.8	3.478	79.7
108	8/3/2012 14:15:50	11.03	51.75	33.88	7.13	7.93	5.6	3.504	80.2
109	8/3/2012 14:30:50	11.62	51.94	34.05	7.34	7.94	5.4	3.511	83.7
110	8/3/2012 14:45:50	11.08	52.01	34.07	7.03	7.92	6.1	3.498	79.3
111	8/3/2012 15:00:50	11.18	51.49	33.70	7.14	7.93	8.9	3.450	80.5
112	8/3/2012 15:15:50	11.89	51.44	33.70	7.43	7.96	10.0	3.374	85.0
113	8/3/2012 15:30:50	13.53	51.36	33.71	8.25	8.03	9.2	3.272	97.7
114	8/3/2012 15:45:49	13.90	51.28	33.67	8.44	8.05	12.8	3.169	100.6
115	8/3/2012 16:00:50	13.96	51.42	33.77	8.27	8.03	10.0	3.076	98.8
116	8/3/2012 16:15:49	14.62	51.26	33.68	8.30	8.04	9.5	2.966	100.4
117	8/3/2012 16:30:49	14.81	51.20	33.64	8.29	8.04	8.7	2.843	100.6
118	8/3/2012 16:45:50	15.38	51.21	33.66	8.46	8.05	8.4	2.753	103.9
119	8/3/2012 17:00:49	15.81	51.29	33.73	8.64	8.07	7.8	2.656	107.1
120	8/3/2012 17:15:49	15.76	51.37	33.78	9.77	8.15	6.5	2.543	121.0
121	8/3/2012 17:30:49	15.60	51.06	33.55	10.21	8.17	5.8	2.444	125.8
122	8/3/2012 17:45:49	15.87	51.05	33.55	9.89	8.15	6.1	2.358	122.5
123	8/3/2012 18:00:49	16.01	51.28	33.72	9.86	8.17	5.6	2.255	122.7
124	8/3/2012 18:15:49	16.11	51.43	33.84	10.01	8.17	5.9	2.164	124.8
125	8/3/2012 18:30:49	16.39	51.53	33.91	9.94	8.17	5.9	2.076	124.8
126	8/3/2012 18:45:49	16.70	51.00	33.53	10.21	8.19	5.6	1.999	128.6
127	8/3/2012 19:00:49	17.06	51.29	33.75	9.69	8.17	5.9	1.946	123.1
128	8/3/2012 19:15:49	17.52	51.07	33.59	9.55	8.17	6.6	1.887	122.3
129	8/3/2012 19:30:49	17.83	51.18	33.67	8.87	8.13	5.5	1.865	114.2
130	8/3/2012 19:45:49	18.10	51.16	33.66	8.75	8.13	5.0	1.870	113.3
131	8/3/2012 20:00:49	18.04	51.00	33.54	8.63	8.11	5.7	1.871	111.5
132	8/3/2012 20:15:49	17.92	51.13	33.64	8.67	8.11	5.3	1.912	111.8
133	8/3/2012 20:30:50	17.81	51.34	33.79	8.52	8.10	5.2	1.968	109.8
134	8/3/2012 20:45:49	17.71	50.96	33.51	8.40	8.09	5.7	2.050	107.9
135	8/3/2012 21:00:49	17.82	51.10	33.61	8.50	8.09	8.1	2.136	109.5
136	8/3/2012 21:15:50	17.71	51.18	33.67	8.52	8.09	7.3	2.221	109.5
137	8/3/2012 21:30:50	17.27	51.25	33.72	8.43	8.08	6.6	2.319	107.5
138	8/3/2012 21:45:49	16.98	51.20	33.68	8.44	8.07	6.1	2.414	107.0
139	8/3/2012 22:00:49	16.60	51.15	33.64	8.33	8.06	6.1	2.496	104.8
140	8/3/2012 22:15:49	15.99	51.28	33.72	7.87	8.02	6.1	2.582	97.9
141	8/3/2012 22:30:49	15.72	51.20	33.66	7.70	8.00	6.5	2.673	95.3
142	8/3/2012 22:45:49	15.38	51.29	33.71	7.67	7.99	7.2	2.757	94.2
143	8/3/2012 23:00:50	15.20	51.26	33.69	7.68	7.99	7.9	2.845	94.0
144	8/3/2012 23:15:50	14.70	51.31	33.71	7.71	7.99	8.1	2.932	93.5
145	8/3/2012 23:30:49	14.40	51.31	33.70	7.69	7.99	8.4	3.024	92.6
146	8/3/2012 23:45:50	13.87	51.35	33.72	7.69	7.98	8.4	3.112	91.7
147	8/4/2012 0:00:50	13.39	51.40	33.74	7.67	7.97	8.8	3.203	90.5
148	8/4/2012 0:15:49	12.98	51.41	33.73	7.64	7.96	8.3	3.300	89.4
149	8/4/2012 0:30:50	12.44	51.48	33.76	7.75	7.97	8.0	3.387	89.7
150	8/4/2012 0:45:50	12.15	51.44	33.71	7.80	7.97	7.6	3.467	89.7
151	8/4/2012 1:00:49	11.89	51.53	33.76	7.82	7.97	8.0	3.535	89.5
152	8/4/2012 1:15:50	11.74	51.55	33.77	7.88	7.97	5.4	3.599	89.9
153	8/4/2012 1:30:50	11.70	51.60	33.81	7.86	7.97	6.2	3.644	89.6
154	8/4/2012 1:45:50	11.63	51.36	33.63	7.84	7.97	4.7	3.665	89.2
155	8/4/2012 2:00:49	11.87	51.33	33.62	7.66	7.96	3.8	3.685	87.6
156	8/4/2012 2:15:50	11.81	51.53	33.76	7.61	7.96	4.5	3.669	87.0
157	8/4/2012 2:30:49	11.68	51.33	33.61	7.77	7.97	5.4	3.624	88.5
158	8/4/2012 2:45:49	12.45	51.23	33.57	7.51	7.95	6.1	3.553	86.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	8/4/2012 3:00:49	12.95	51.41	33.73	7.33	7.94	5.3	3.468	85.8
160	8/4/2012 3:15:49	13.25	51.33	33.68	7.20	7.93	6.1	3.371	84.8
161	8/4/2012 3:30:49	13.23	51.35	33.69	7.33	7.95	5.9	3.256	86.3
162	8/4/2012 3:45:50	13.82	51.34	33.71	7.33	7.96	8.1	3.128	87.2
163	8/4/2012 4:00:49	14.11	51.26	33.66	7.29	7.96	8.1	3.014	87.3
164	8/4/2012 4:15:49	14.45	51.34	33.73	7.14	7.95	6.5	2.891	86.1
165	8/4/2012 4:30:49	14.89	51.14	33.60	7.07	7.95	6.5	2.765	85.9
166	8/4/2012 4:45:49	15.31	51.20	33.65	6.95	7.95	10.9	2.636	85.2
167	8/4/2012 5:00:49	15.33	51.28	33.71	7.00	7.96	7.3	2.518	85.9
168	8/4/2012 5:15:50	14.79	51.27	33.69	7.01	7.92	7.9	2.386	85.1
169	8/4/2012 5:30:49	14.97	51.26	33.69	7.06	7.95	7.4	2.252	86.0
170	8/4/2012 5:45:50	14.89	51.30	33.71	6.97	7.92	8.8	2.130	84.8
171	8/4/2012 6:00:50	15.21	51.19	33.64	6.99	7.94	8.3	1.981	85.6
172	8/4/2012 6:15:49	15.51	51.20	33.66	6.99	7.95	8.8	1.857	86.1
173	8/4/2012 6:30:49	15.87	51.31	33.74	6.92	7.96	8.3	1.713	85.9
174	8/4/2012 6:45:49	16.08	51.21	33.67	7.05	7.96	9.6	1.580	87.8
175	8/4/2012 7:00:50	16.42	51.31	33.75	7.11	7.98	9.3	1.478	89.2
176	8/4/2012 7:15:50	16.63	51.30	33.75	7.18	8.00	8.9	1.369	90.5
177	8/4/2012 7:30:50	16.88	51.30	33.75	7.24	8.01	8.6	1.288	91.6
178	8/4/2012 7:45:49	17.06	51.23	33.70	7.22	8.01	7.7	1.228	91.7
179	8/4/2012 8:00:49	17.29	51.28	33.74	7.27	8.03	7.5	1.211	92.8
180	8/4/2012 8:15:49	16.91	51.28	33.74	7.19	8.00	6.7	1.240	91.0
181	8/4/2012 8:30:50	17.49	51.28	33.74	7.33	8.04	6.1	1.273	93.9
182	8/4/2012 8:45:50	17.44	51.26	33.73	7.32	8.03	6.2	1.362	93.7
183	8/4/2012 9:00:50	17.40	51.29	33.75	7.34	8.03	6.5	1.444	93.8
184	8/4/2012 9:15:49	17.34	51.12	33.62	7.28	8.02	7.0	1.544	92.8
185	8/4/2012 9:30:49	17.35	50.97	33.51	7.13	8.00	8.7	1.646	90.9
186	8/4/2012 9:45:50	17.16	51.11	33.61	7.18	8.00	9.4	1.745	91.3
187	8/4/2012 10:00:49	16.98	51.03	33.55	7.19	8.00	8.5	1.850	91.1
188	8/4/2012 10:15:49	16.85	51.16	33.65	7.18	8.00	8.2	1.937	90.8
189	8/4/2012 10:30:49	16.65	51.16	33.65	7.21	7.99	8.5	2.054	90.7
190	8/4/2012 10:45:50	16.26	51.28	33.72	7.20	7.98	7.7	2.154	90.0
191	8/4/2012 11:00:50	16.12	51.25	33.70	7.21	7.98	7.6	2.256	89.8
192	8/4/2012 11:15:50	16.03	51.20	33.66	7.21	7.97	7.5	2.367	89.7
193	8/4/2012 11:30:50	15.94	51.23	33.69	7.22	7.97	8.8	2.468	89.7
194	8/4/2012 11:45:50	15.67	51.28	33.71	7.24	7.97	9.4	2.575	89.4
195	8/4/2012 12:00:50	15.47	51.34	33.76	7.27	7.97	9.5	2.671	89.5
196	8/4/2012 12:15:50	15.30	51.29	33.71	7.30	7.97	10.8	2.776	89.6
197	8/4/2012 12:30:50	14.70	51.29	33.70	7.37	7.96	12.0	2.875	89.3
198	8/4/2012 12:45:50	14.32	51.32	33.71	7.40	7.95	11.5	2.975	89.0
199	8/4/2012 13:00:50	13.51	51.37	33.72	7.41	7.94	11.9	3.080	87.7
200	8/4/2012 13:15:50	13.03	51.38	33.71	7.42	7.94	11.7	3.167	86.9
201	8/4/2012 13:30:49	12.77	51.32	33.65	7.46	7.94	10.5	3.260	86.9
202	8/4/2012 13:45:50	12.37	51.48	33.75	7.37	7.94	11.2	3.351	85.3
203	8/4/2012 14:00:50	11.79	51.51	33.74	7.26	7.92	8.8	3.429	83.0
204	8/4/2012 14:15:50	11.46	51.55	33.76	7.21	7.91	7.4	3.494	81.7
205	8/4/2012 14:30:50	11.17	51.66	33.82	7.14	7.91	5.9	3.551	80.5
206	8/4/2012 14:45:50	10.95	51.57	33.74	7.04	7.90	4.6	3.582	79.0
207	8/4/2012 15:00:50	11.79	51.44	33.69	7.30	7.93	4.8	3.597	83.3
208	8/4/2012 15:15:50	11.20	51.58	33.76	6.90	7.90	4.2	3.589	77.8
209	8/4/2012 15:30:50	11.13	51.61	33.78	6.99	7.90	6.2	3.543	78.8
210	8/4/2012 15:45:50	11.46	51.60	33.80	7.13	7.91	7.0	3.469	80.9
211	8/4/2012 16:00:50	14.16	51.38	33.75	9.57	8.11	6.7	3.394	114.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
212	8/4/2012 16:15:50	13.35	51.32	33.68	8.30	8.01	8.0	3.291	97.8
213	8/4/2012 16:30:50	14.21	51.39	33.76	8.88	8.06	8.2	3.192	106.6
214	8/4/2012 16:45:49	14.46	51.15	33.59	8.47	8.03	8.1	3.082	102.1
215	8/4/2012 17:00:49	14.57	51.24	33.66	8.14	8.00	8.3	2.970	98.4
216	8/4/2012 17:15:50	14.86	51.28	33.70	8.21	8.02	7.5	2.877	99.8
217	8/4/2012 17:30:50	15.51	51.21	33.66	8.47	8.05	7.4	2.765	104.3
218	8/4/2012 17:45:49	15.67	51.12	33.60	8.33	8.04	6.8	2.667	102.8
219	8/4/2012 18:00:49	15.98	51.14	33.62	8.47	8.06	6.7	2.576	105.3
220	8/4/2012 18:15:49	16.09	51.15	33.63	8.74	8.06	6.7	2.469	108.8
221	8/4/2012 18:30:49	16.10	51.19	33.66	8.49	8.05	7.0	2.373	105.7
222	8/4/2012 18:45:50	15.85	51.35	33.77	9.08	8.10	6.4	2.270	112.7
223	8/4/2012 19:00:49	15.88	51.09	33.58	9.24	8.10	5.8	2.194	114.6
224	8/4/2012 19:15:49	16.07	51.18	33.65	9.27	8.12	5.6	2.111	115.4
225	8/4/2012 19:30:50	16.25	51.28	33.72	9.24	8.12	5.6	2.014	115.5
226	8/4/2012 19:45:49	16.58	51.07	33.57	9.08	8.11	5.7	1.956	114.1
227	8/4/2012 20:00:49	16.83	51.27	33.73	8.90	8.11	5.5	1.911	112.6
228	8/4/2012 20:15:49	17.15	51.16	33.65	8.50	8.08	5.1	1.895	108.0
229	8/4/2012 20:30:49	17.54	51.09	33.61	8.26	8.08	5.1	1.871	105.8
230	8/4/2012 20:45:49	17.46	51.21	33.69	8.01	8.06	4.7	1.868	102.4
231	8/4/2012 21:00:49	17.47	51.25	33.72	8.21	8.07	5.2	1.938	105.0
232	8/4/2012 21:15:50	17.41	51.27	33.73	8.20	8.06	5.9	1.968	104.9
233	8/4/2012 21:30:50	17.36	51.26	33.73	8.18	8.06	5.5	2.032	104.4
234	8/4/2012 21:45:50	17.34	51.16	33.65	8.16	8.06	7.3	2.129	104.1
235	8/4/2012 22:00:50	17.42	51.15	33.65	8.18	8.05	8.4	2.215	104.6
236	8/4/2012 22:15:50	17.11	51.18	33.67	8.18	8.05	6.7	2.297	103.9
237	8/4/2012 22:30:49	16.87	51.04	33.56	8.16	8.04	6.5	2.393	103.1
238	8/4/2012 22:45:49	16.61	51.13	33.62	8.13	8.04	8.4	2.470	102.3
239	8/4/2012 23:00:50	16.12	51.24	33.69	7.92	8.01	9.3	2.555	98.7
240	8/4/2012 23:15:50	15.87	51.23	33.68	7.72	8.00	10.2	2.634	95.7
241	8/4/2012 23:30:50	15.64	51.25	33.69	7.57	7.98	13.8	2.703	93.5
242	8/4/2012 23:45:49	15.47	51.13	33.60	7.54	7.98	6.3	2.798	92.7
243	8/5/2012 0:00:49	15.19	51.26	33.69	7.56	7.98	8.3	2.866	92.5
244	8/5/2012 0:15:50	14.83	51.28	33.69	7.60	7.97	14.8	2.947	92.3
245	8/5/2012 0:30:49	14.57	51.21	33.64	7.59	7.97	11.5	3.017	91.8
246	8/5/2012 0:45:50	14.24	51.35	33.73	7.58	7.97	13.9	3.104	91.1
247	8/5/2012 1:00:50	13.70	51.29	33.67	7.59	7.96	7.8	3.180	90.2
248	8/5/2012 1:15:49	13.33	51.09	33.51	7.57	7.95	12.9	3.265	89.2
249	8/5/2012 1:30:49	13.00	51.27	33.62	7.52	7.94	11.4	3.345	88.0
250	8/5/2012 1:45:49	12.70	51.43	33.73	7.51	7.94	10.7	3.396	87.4
251	8/5/2012 2:00:50	12.40	51.50	33.77	7.50	7.94	6.6	3.461	86.8
252	8/5/2012 2:15:50	12.24	51.40	33.69	7.49	7.94	6.0	3.493	86.3
253	8/5/2012 2:30:50	12.13	51.37	33.66	7.49	7.94	5.1	3.537	86.1
254	8/5/2012 2:45:50	12.35	51.38	33.68	7.38	7.93	4.4	3.523	85.3
255	8/5/2012 3:00:50	12.28	51.43	33.71	7.23	7.92	3.7	3.522	83.4
256	8/5/2012 3:15:50	12.19	51.30	33.62	7.35	7.93	5.9	3.479	84.5
257	8/5/2012 3:30:50	12.44	51.48	33.76	7.30	7.93	6.8	3.436	84.6
258	8/5/2012 3:45:50	14.12	51.14	33.57	7.00	7.92	17.2	3.343	83.8
259	8/5/2012 4:00:49	13.88	51.18	33.59	7.18	7.93	11.4	3.248	85.5
260	8/5/2012 4:15:50	14.00	51.21	33.62	7.25	7.94	8.3	3.147	86.6
261	8/5/2012 4:30:50	14.41	51.35	33.73	7.21	7.94	6.7	3.048	86.9
262	8/5/2012 4:45:50	14.64	51.36	33.75	7.15	7.94	8.7	2.924	86.5
263	8/5/2012 5:00:50	15.04	51.24	33.67	7.07	7.94	7.4	2.819	86.2
264	8/5/2012 5:15:50	15.40	51.16	33.62	6.99	7.94	6.8	2.725	85.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
265	8/5/2012 5:30:49	15.69	51.19	33.65	6.97	7.94	6.7	2.589	86.1
266	8/5/2012 5:45:50	15.96	51.25	33.70	6.66	7.92	7.8	2.488	82.7
267	8/5/2012 6:00:50	15.67	51.25	33.69	6.90	7.93	8.5	2.354	85.2
268	8/5/2012 6:15:50	15.48	51.30	33.73	6.92	7.91	6.4	2.254	85.2
269	8/5/2012 6:30:50	15.63	51.28	33.72	6.75	7.92	7.5	2.123	83.3
270	8/5/2012 6:45:50	15.72	51.15	33.62	6.77	7.92	7.2	1.983	83.6
271	8/5/2012 7:00:49	15.89	51.11	33.59	6.69	7.91	7.4	1.886	83.0
272	8/5/2012 7:15:49	16.11	51.11	33.60	6.84	7.93	6.7	1.781	85.2
273	8/5/2012 7:30:49	16.19	51.04	33.55	6.73	7.92	6.7	1.679	83.9
274	8/5/2012 7:45:49	16.48	51.27	33.72	6.90	7.95	6.0	1.589	86.6
275	8/5/2012 8:00:49	16.61	51.21	33.68	6.91	7.95	6.0	1.518	87.0
276	8/5/2012 8:15:49	17.02	51.22	33.69	6.97	7.97	5.7	1.445	88.4
277	8/5/2012 8:30:49	17.28	51.17	33.66	7.03	7.99	5.7	1.446	89.6
278	8/5/2012 8:45:49	17.08	51.16	33.65	7.01	7.98	5.4	1.465	89.1
279	8/5/2012 9:00:49	17.42	51.22	33.70	7.09	8.00	4.9	1.463	90.6
280	8/5/2012 9:15:50	17.33	51.30	33.76	7.12	7.99	5.4	1.506	90.8
281	8/5/2012 9:30:50	17.41	51.28	33.74	7.13	8.00	6.2	1.606	91.1
282	8/5/2012 9:45:50	17.33	51.23	33.70	7.21	8.00	5.9	1.684	92.0
283	8/5/2012 10:00:49	17.38	50.91	33.47	6.96	7.97	8.3	1.753	88.8
284	8/5/2012 10:15:49	17.35	50.76	33.36	6.89	7.96	9.2	1.878	87.8
285	8/5/2012 10:30:49	16.99	51.09	33.60	7.04	7.97	7.9	1.967	89.2
286	8/5/2012 10:45:49	16.89	50.95	33.49	7.05	7.97	8.5	2.066	89.1
287	8/5/2012 11:00:50	16.76	51.23	33.69	7.04	7.97	7.5	2.140	88.8
288	8/5/2012 11:15:49	16.50	51.14	33.63	7.06	7.96	7.3	2.258	88.6
289	8/5/2012 11:30:50	16.19	51.25	33.71	7.11	7.96	7.6	2.356	88.7
290	8/5/2012 11:45:49	16.05	51.21	33.67	7.12	7.96	6.8	2.443	88.7
291	8/5/2012 12:00:50	15.93	51.22	33.68	7.13	7.95	7.9	2.545	88.5
292	8/5/2012 12:15:50	15.72	51.24	33.69	7.14	7.95	8.3	2.648	88.3
293	8/5/2012 12:30:50	15.48	51.27	33.70	7.14	7.95	9.4	2.738	87.9
294	8/5/2012 12:45:50	15.29	51.32	33.74	7.18	7.95	8.5	2.827	88.1
295	8/5/2012 13:00:50	14.96	51.21	33.65	7.23	7.94	10.6	2.930	88.1
296	8/5/2012 13:15:49	14.64	51.05	33.52	7.30	7.94	11.7	3.028	88.2
297	8/5/2012 13:30:50	14.22	51.24	33.65	7.36	7.94	9.1	3.107	88.3
298	8/5/2012 13:45:50	13.64	51.38	33.73	7.49	7.94	10.1	3.207	88.9
299	8/5/2012 14:00:50	13.16	51.32	33.67	7.63	7.94	9.4	3.299	89.6
300	8/5/2012 14:15:50	12.82	51.43	33.74	7.77	7.95	8.1	3.376	90.6
301	8/5/2012 14:30:50	12.66	51.40	33.70	7.86	7.96	7.2	3.452	91.4
302	8/5/2012 14:45:50	12.36	51.47	33.74	8.30	7.99	7.2	3.520	96.0
303	8/5/2012 15:00:50	12.16	51.44	33.71	8.73	8.02	5.4	3.580	100.5
304	8/5/2012 15:15:50	12.13	51.45	33.72	8.93	8.03	4.5	3.596	102.7
305	8/5/2012 15:30:50	12.37	51.32	33.64	8.75	8.02	4.7	3.620	101.1
306	8/5/2012 15:45:50	12.35	51.39	33.69	8.57	8.01	4.0	3.613	99.0
307	8/5/2012 16:00:50	12.31	51.35	33.66	8.60	8.01	4.8	3.584	99.2
308	8/5/2012 16:15:50	12.40	51.46	33.74	8.46	8.00	5.8	3.514	97.9
309	8/5/2012 16:30:49	13.69	51.15	33.56	8.73	8.04	6.4	3.436	103.6
310	8/5/2012 16:45:50	13.65	51.33	33.69	8.44	8.01	7.1	3.351	100.1
311	8/5/2012 17:00:50	14.43	51.58	33.90	8.51	8.03	8.1	3.253	102.8
312	8/5/2012 17:15:50	14.27	51.36	33.74	8.24	8.01	6.7	3.154	99.0
313	8/5/2012 17:30:49	14.79	51.20	33.64	8.07	8.00	8.7	3.039	97.9
314	8/5/2012 17:45:49	14.94	51.23	33.67	8.00	7.99	7.2	2.946	97.4
315	8/5/2012 18:00:50	15.36	51.35	33.76	7.95	8.00	6.8	2.852	97.7
316	8/5/2012 18:15:49	15.52	51.27	33.70	7.80	7.99	7.0	2.742	96.1
317	8/5/2012 18:30:50	15.81	51.35	33.77	7.92	8.00	6.8	2.644	98.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
318	8/5/2012 18:45:49	15.86	51.26	33.70	8.15	8.01	6.0	2.549	101.0
319	8/5/2012 19:00:49	15.50	51.17	33.63	8.67	8.05	6.4	2.445	106.7
320	8/5/2012 19:15:50	15.35	51.41	33.80	8.33	8.05	7.0	2.338	102.3
321	8/5/2012 19:30:50	15.72	51.39	33.79	8.43	8.02	5.8	2.255	104.3
322	8/5/2012 19:45:50	15.68	51.41	33.81	8.29	8.03	5.7	2.162	102.5
323	8/5/2012 20:00:49	16.05	51.31	33.74	8.27	8.03	6.1	2.072	102.9
324	8/5/2012 20:15:49	16.25	51.26	33.71	8.10	8.03	5.9	2.010	101.2
325	8/5/2012 20:30:50	16.63	51.15	33.64	8.02	8.03	5.6	1.947	100.9
326	8/5/2012 20:45:49	16.81	51.20	33.67	7.90	8.03	5.7	1.898	99.8
327	8/5/2012 21:00:49	17.28	51.14	33.64	7.91	8.04	5.2	1.877	100.9
328	8/5/2012 21:15:49	17.47	51.12	33.62	7.75	8.03	5.1	1.879	99.2
329	8/5/2012 21:30:49	17.45	51.05	33.57	7.91	8.04	5.0	1.880	101.1
330	8/5/2012 21:45:49	17.36	51.07	33.59	7.87	8.03	5.3	1.915	100.5
331	8/5/2012 22:00:49	17.32	51.20	33.68	7.88	8.03	5.5	1.972	100.5
332	8/5/2012 22:15:50	17.27	51.19	33.67	7.87	8.03	5.6	2.042	100.3
333	8/5/2012 22:30:49	17.28	51.08	33.59	7.85	8.02	6.8	2.101	99.9
334	8/5/2012 22:45:49	17.42	50.86	33.43	7.88	8.02	7.0	2.193	100.6
335	8/5/2012 23:00:49	17.10	51.11	33.61	7.83	8.01	6.8	2.282	99.5
336	8/5/2012 23:15:49	16.90	51.08	33.59	7.77	8.01	6.1	2.339	98.3
337	8/5/2012 23:30:49	16.67	51.09	33.60	7.77	8.00	6.8	2.422	97.8
338	8/5/2012 23:45:50	16.28	51.26	33.71	7.79	8.00	5.8	2.499	97.5
339	8/6/2012 0:00:50	15.97	51.13	33.61	7.63	7.98	5.4	2.565	94.7
340	8/6/2012 0:15:50	15.83	51.18	33.64	7.49	7.97	5.6	2.639	92.7
341	8/6/2012 0:30:50	15.69	51.27	33.71	7.40	7.96	5.6	2.705	91.5
342	8/6/2012 0:45:49	15.49	51.13	33.60	7.44	7.96	5.4	2.783	91.6
343	8/6/2012 1:00:50	15.35	51.28	33.71	7.47	7.96	5.6	2.849	91.7
344	8/6/2012 1:15:50	15.08	51.28	33.70	7.53	7.96	5.6	2.912	92.0
345	8/6/2012 1:30:50	14.89	51.22	33.65	7.58	7.96	5.6	2.988	92.2
346	8/6/2012 1:45:49	14.69	51.29	33.70	7.60	7.96	6.1	3.056	92.1
347	8/6/2012 2:00:50	14.40	51.33	33.72	7.74	7.97	6.2	3.118	93.3
348	8/6/2012 2:15:50	14.02	51.29	33.68	7.99	7.98	5.5	3.178	95.5
349	8/6/2012 2:30:50	13.86	51.40	33.75	8.08	7.98	5.6	3.243	96.3
350	8/6/2012 2:45:50	13.57	51.23	33.62	8.28	8.00	5.3	3.284	98.0
351	8/6/2012 3:00:50	13.46	51.22	33.61	8.34	8.00	4.8	3.321	98.5
352	8/6/2012 3:15:50	13.40	51.26	33.63	8.34	8.00	3.7	3.355	98.5
353	8/6/2012 3:30:50	13.78	51.04	33.49	8.08	7.98	5.0	3.357	96.0
354	8/6/2012 3:45:49	13.32	51.23	33.61	8.21	7.99	4.0	3.354	96.7
355	8/6/2012 4:00:50	13.41	51.38	33.72	8.25	7.99	4.2	3.316	97.4
356	8/6/2012 4:15:49	13.59	51.10	33.53	8.10	7.98	4.8	3.270	95.9
357	8/6/2012 4:30:50	14.12	51.28	33.68	7.67	7.96	5.5	3.204	91.9
358	8/6/2012 4:45:49	14.30	51.14	33.58	7.53	7.95	5.5	3.125	90.4
359	8/6/2012 5:00:50	14.68	51.29	33.70	7.25	7.93	5.7	3.042	87.8
360	8/6/2012 5:15:50	14.84	51.24	33.67	7.19	7.93	5.9	2.943	87.4
361	8/6/2012 5:30:50	15.12	51.19	33.64	7.03	7.92	5.9	2.853	85.9
362	8/6/2012 5:45:50	15.35	51.23	33.67	6.90	7.92	6.1	2.756	84.7
363	8/6/2012 6:00:50	15.47	51.29	33.72	6.71	7.90	6.6	2.653	82.6
364	8/6/2012 6:15:50	15.24	51.07	33.55	6.55	7.87	5.3	2.566	80.2
365	8/6/2012 6:30:50	15.00	51.30	33.72	6.46	7.86	6.3	2.452	78.8
366	8/6/2012 6:45:50	15.26	51.27	33.70	6.39	7.86	5.1	2.353	78.3
367	8/6/2012 7:00:50	15.26	51.05	33.54	6.40	7.85	6.5	2.247	78.3
368	8/6/2012 7:15:49	15.63	51.03	33.53	6.65	7.89	5.9	2.147	82.1
369	8/6/2012 7:30:49	15.82	51.12	33.60	6.77	7.90	5.6	2.040	83.9
370	8/6/2012 7:45:50	15.85	51.15	33.62	6.72	7.90	5.4	1.941	83.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
371	8/6/2012 8:00:50	16.07	51.15	33.63	6.81	7.91	5.7	1.864	84.7
372	8/6/2012 8:15:50	16.30	51.18	33.66	6.94	7.93	6.2	1.784	86.7
373	8/6/2012 8:30:50	16.50	51.26	33.72	7.01	7.94	6.0	1.727	88.0
374	8/6/2012 8:45:49	16.69	51.11	33.61	7.09	7.96	5.4	1.688	89.3
375	8/6/2012 9:00:50	16.90	51.25	33.72	6.99	7.96	4.8	1.663	88.5
376	8/6/2012 9:15:50	16.78	51.30	33.75	6.96	7.95	5.3	1.670	88.0
377	8/6/2012 9:30:50	17.17	51.21	33.69	7.02	7.97	4.7	1.684	89.3
378	8/6/2012 9:45:50	17.11	51.13	33.63	7.02	7.97	5.0	1.731	89.2
379	8/6/2012 10:00:50	17.18	51.19	33.67	6.94	7.96	5.2	1.787	88.3
380	8/6/2012 10:15:50	17.13	51.17	33.65	6.94	7.96	5.1	1.864	88.2
381	8/6/2012 10:30:50	17.08	51.12	33.62	6.85	7.94	6.6	1.933	86.9
382	8/6/2012 10:45:50	17.11	50.89	33.45	6.75	7.93	7.9	2.018	85.7
383	8/6/2012 11:00:49	16.87	50.86	33.43	6.77	7.93	7.3	2.111	85.5
384	8/6/2012 11:15:50	16.73	51.16	33.64	6.84	7.94	6.2	2.194	86.3
385	8/6/2012 11:30:49	16.62	51.03	33.55	6.87	7.93	6.3	2.271	86.4
386	8/6/2012 11:45:50	16.40	51.18	33.65	6.83	7.93	6.5	2.361	85.6
387	8/6/2012 12:00:50	16.12	51.18	33.65	6.92	7.93	6.4	2.450	86.3
388	8/6/2012 12:15:50	15.98	51.10	33.59	7.02	7.93	6.5	2.533	87.2
389	8/6/2012 12:30:50	15.89	51.25	33.70	7.05	7.93	6.5	2.613	87.5
390	8/6/2012 12:45:50	15.76	51.16	33.63	7.12	7.94	6.8	2.707	88.0
391	8/6/2012 13:00:50	15.60	51.15	33.62	7.15	7.93	11.5	2.797	88.2
392	8/6/2012 13:15:50	15.39	51.26	33.70	7.20	7.93	8.2	2.877	88.5
393	8/6/2012 13:30:50	15.18	51.19	33.63	7.27	7.94	8.2	2.966	88.9
394	8/6/2012 13:45:50	14.83	51.07	33.54	7.55	7.95	8.9	3.053	91.7
395	8/6/2012 14:00:50	14.44	51.23	33.65	7.92	7.97	8.6	3.142	95.5
396	8/6/2012 14:15:50	14.12	51.20	33.61	8.27	7.99	8.7	3.222	99.1
397	8/6/2012 14:30:50	13.76	51.23	33.63	8.72	8.02	7.8	3.306	103.7
398	8/6/2012 14:45:50	13.32	51.31	33.67	9.44	8.06	7.2	3.386	111.3
399	8/6/2012 15:00:50	13.06	51.39	33.72	9.97	8.09	7.0	3.457	116.9
400	8/6/2012 15:15:50	12.91	51.38	33.70	10.33	8.11	6.5	3.514	120.7
401	8/6/2012 15:30:50	12.80	51.48	33.77	10.57	8.13	6.1	3.567	123.3
402	8/6/2012 15:45:50	12.72	51.16	33.53	10.72	8.14	5.3	3.603	124.7
403	8/6/2012 16:00:49	12.65	51.36	33.68	10.83	8.14	4.7	3.618	125.9
404	8/6/2012 16:15:50	12.86	51.31	33.65	10.43	8.12	4.5	3.610	121.8
405	8/6/2012 16:30:50	12.77	51.44	33.74	10.60	8.13	4.7	3.586	123.5
406	8/6/2012 16:45:50	12.80	51.41	33.72	10.63	8.13	5.4	3.538	123.9
407	8/6/2012 17:00:50	13.57	51.27	33.65	10.49	8.13	5.7	3.468	124.3
408	8/6/2012 17:15:49	14.47	51.23	33.65	9.95	8.10	6.1	3.389	120.0
409	8/6/2012 17:30:49	14.61	51.01	33.49	9.91	8.10	8.1	3.298	119.8
410	8/6/2012 17:45:50	14.59	51.14	33.58	9.46	8.07	6.5	3.205	114.4
411	8/6/2012 18:00:50	14.90	51.11	33.58	9.04	8.05	7.6	3.112	109.9
412	8/6/2012 18:15:50	15.05	51.06	33.54	8.74	8.03	7.2	3.003	106.6
413	8/6/2012 18:30:50	15.43	51.13	33.60	8.70	8.03	6.8	2.910	106.9
414	8/6/2012 18:45:50	15.74	51.17	33.64	8.37	8.02	6.7	2.819	103.5
415	8/6/2012 19:00:50	15.87	51.22	33.68	8.30	8.03	6.7	2.722	102.9
416	8/6/2012 19:15:49	15.91	51.11	33.59	8.70	8.06	5.3	2.632	107.9
417	8/6/2012 19:30:49	15.58	51.15	33.61	9.45	8.10	5.1	2.534	116.5
418	8/6/2012 19:45:50	15.51	51.22	33.67	9.55	8.10	6.3	2.433	117.6
419	8/6/2012 20:00:49	15.98	50.99	33.51	8.54	8.03	6.5	2.348	106.0
420	8/6/2012 20:15:50	15.82	51.17	33.63	8.96	8.06	6.4	2.253	111.0
421	8/6/2012 20:30:50	15.87	51.15	33.63	8.90	8.07	9.4	2.173	110.3
422	8/6/2012 20:45:49	16.29	51.10	33.59	8.60	8.05	6.2	2.089	107.5
423	8/6/2012 21:00:50	16.38	51.21	33.68	8.39	8.04	6.3	2.021	105.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	8/6/2012 21:15:50	16.71	51.14	33.63	8.15	8.03	6.0	1.967	102.8
425	8/6/2012 21:30:50	16.87	51.14	33.63	8.04	8.03	5.6	1.922	101.6
426	8/6/2012 21:45:49	17.07	50.92	33.47	7.86	8.01	5.4	1.897	99.7
427	8/6/2012 22:00:49	17.16	51.08	33.59	7.60	8.00	4.7	1.877	96.6
428	8/6/2012 22:15:49	17.18	51.11	33.62	7.60	8.01	5.3	1.894	96.7
429	8/6/2012 22:30:50	17.41	51.11	33.62	8.02	8.03	5.1	1.911	102.4
430	8/6/2012 22:45:50	17.32	51.17	33.66	8.03	8.02	5.1	1.956	102.4
431	8/6/2012 23:00:50	17.41	51.09	33.60	8.08	8.03	5.8	2.004	103.2
432	8/6/2012 23:15:50	17.33	51.13	33.63	8.03	8.02	5.5	2.072	102.4
433	8/6/2012 23:30:50	17.44	51.02	33.55	8.00	8.02	6.8	2.148	102.2
434	8/6/2012 23:45:50	17.45	51.01	33.55	7.98	8.01	6.5	2.212	102.0
435	8/7/2012 0:00:49	17.12	51.07	33.58	7.98	8.01	5.9	2.287	101.4
436	8/7/2012 0:15:50	17.01	51.16	33.65	7.92	8.00	5.6	2.355	100.4
437	8/7/2012 0:30:50	16.89	51.20	33.68	7.92	8.00	5.7	2.413	100.2
438	8/7/2012 0:45:50	16.68	51.10	33.60	7.99	8.00	5.7	2.485	100.6
439	8/7/2012 1:00:50	16.40	51.08	33.58	7.97	8.00	5.5	2.548	99.9
440	8/7/2012 1:15:50	16.13	51.24	33.69	7.84	7.98	4.8	2.601	97.8
441	8/7/2012 1:30:50	15.98	51.08	33.57	7.81	7.98	5.2	2.665	97.1
442	8/7/2012 1:45:50	15.89	51.23	33.68	7.81	7.98	5.4	2.727	96.9
443	8/7/2012 2:00:50	15.76	51.14	33.62	7.85	7.98	5.4	2.794	97.2
444	8/7/2012 2:15:50	15.62	51.15	33.62	7.88	7.98	4.8	2.847	97.2
445	8/7/2012 2:30:50	15.49	51.27	33.71	7.94	7.98	4.8	2.902	97.7
446	8/7/2012 2:45:50	15.28	51.13	33.60	8.09	7.99	4.8	2.958	99.1
447	8/7/2012 3:00:50	15.11	51.22	33.66	8.18	8.00	4.8	3.013	100.0
448	8/7/2012 3:15:50	14.97	51.15	33.60	8.30	8.00	4.6	3.059	101.1
449	8/7/2012 3:30:50	14.88	51.20	33.64	8.36	8.01	4.5	3.091	101.7
450	8/7/2012 3:45:50	14.69	51.13	33.58	8.52	8.02	4.6	3.135	103.1
451	8/7/2012 4:00:50	14.49	51.24	33.66	8.65	8.03	3.6	3.159	104.3
452	8/7/2012 4:15:50	14.59	50.93	33.43	8.51	8.01	4.6	3.162	102.7
453	8/7/2012 4:30:49	14.66	51.12	33.58	8.14	8.00	3.2	3.156	98.5
454	8/7/2012 4:45:49	14.52	51.06	33.52	8.43	8.01	3.1	3.142	101.6
455	8/7/2012 5:00:50	14.66	51.20	33.64	8.28	8.00	3.9	3.108	100.3
456	8/7/2012 5:15:50	14.92	51.12	33.58	7.81	7.97	4.7	3.052	95.0
457	8/7/2012 5:30:50	15.26	51.11	33.58	7.45	7.94	5.7	2.974	91.2
458	8/7/2012 5:45:50	15.33	51.13	33.60	7.30	7.93	5.2	2.916	89.6
459	8/7/2012 6:00:49	15.46	51.13	33.60	7.19	7.92	5.9	2.851	88.4
460	8/7/2012 6:15:50	15.55	51.14	33.61	7.02	7.91	5.0	2.751	86.5
461	8/7/2012 6:30:50	15.62	51.21	33.66	6.89	7.90	5.3	2.670	85.1
462	8/7/2012 6:45:49	15.60	50.98	33.49	6.81	7.89	5.3	2.598	83.9
463	8/7/2012 7:00:50	15.57	51.21	33.66	6.73	7.88	4.8	2.517	83.0
464	8/7/2012 7:15:50	15.58	51.21	33.66	6.66	7.88	4.9	2.430	82.2
465	8/7/2012 7:30:49	15.75	50.99	33.50	6.63	7.88	5.0	2.347	81.9
466	8/7/2012 7:45:49	15.87	51.10	33.59	6.74	7.89	5.0	2.274	83.6
467	8/7/2012 8:00:50	15.89	51.08	33.57	6.76	7.89	5.3	2.193	83.9
468	8/7/2012 8:15:50	16.19	51.22	33.68	6.95	7.92	5.7	2.116	86.7
469	8/7/2012 8:30:50	16.22	51.12	33.61	7.10	7.93	5.1	2.049	88.6
470	8/7/2012 8:45:50	16.28	51.18	33.65	7.11	7.93	5.1	1.998	88.9
471	8/7/2012 9:00:50	16.43	51.16	33.64	7.11	7.94	4.7	1.955	89.2
472	8/7/2012 9:15:50	16.55	51.16	33.64	7.15	7.94	4.8	1.914	89.8
473	8/7/2012 9:30:49	16.70	50.96	33.50	7.01	7.94	4.2	1.904	88.3
474	8/7/2012 9:45:50	16.81	51.13	33.62	6.79	7.93	4.9	1.889	85.7
475	8/7/2012 10:00:49	16.71	51.10	33.60	7.22	7.96	4.7	1.918	91.0
476	8/7/2012 10:15:50	16.92	51.21	33.68	7.26	7.97	4.8	1.938	91.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	8/7/2012 10:30:50	16.90	51.22	33.69	7.18	7.96	4.5	1.978	90.9
478	8/7/2012 10:45:50	16.94	51.04	33.56	7.16	7.96	5.0	2.037	90.6
479	8/7/2012 11:00:49	16.88	50.91	33.46	7.20	7.96	5.3	2.094	91.0
480	8/7/2012 11:15:50	16.88	51.11	33.61	7.09	7.95	6.2	2.162	89.6
481	8/7/2012 11:30:50	16.92	50.98	33.52	6.98	7.94	7.0	2.222	88.3
482	8/7/2012 11:45:50	16.79	51.04	33.55	7.02	7.94	6.9	2.301	88.6
483	8/7/2012 12:00:50	16.61	51.15	33.63	7.14	7.94	6.7	2.366	89.8
484	8/7/2012 12:15:50	16.51	51.15	33.63	7.14	7.94	6.4	2.431	89.7
485	8/7/2012 12:30:50	16.34	51.13	33.62	7.09	7.93	6.3	2.515	88.7
486	8/7/2012 12:45:50	16.13	51.05	33.56	7.24	7.94	6.4	2.583	90.2
487	8/7/2012 13:00:50	15.86	51.20	33.66	7.44	7.95	5.6	2.659	92.3
488	8/7/2012 13:15:50	15.73	51.14	33.61	7.48	7.95	6.2	2.736	92.6
489	8/7/2012 13:30:50	15.63	51.15	33.62	7.58	7.96	6.0	2.814	93.5
490	8/7/2012 13:45:50	15.48	51.23	33.68	7.69	7.96	7.0	2.897	94.7
491	8/7/2012 14:00:50	15.25	51.21	33.66	7.85	7.97	6.7	2.969	96.1
492	8/7/2012 14:15:50	15.05	51.23	33.66	7.97	7.98	7.0	3.047	97.2
493	8/7/2012 14:30:50	14.80	51.27	33.68	8.14	7.99	6.8	3.131	98.8
494	8/7/2012 14:45:50	14.43	51.25	33.66	8.54	8.01	7.2	3.203	103.0
495	8/7/2012 15:00:50	14.17	51.25	33.65	8.83	8.03	6.7	3.277	105.8
496	8/7/2012 15:15:50	13.86	51.03	33.48	9.17	8.05	5.9	3.344	109.1
497	8/7/2012 15:30:49	13.58	51.03	33.47	9.58	8.07	5.5	3.408	113.3
498	8/7/2012 15:45:50	13.29	51.29	33.65	10.03	8.10	5.1	3.462	118.1
499	8/7/2012 16:00:50	13.07	51.39	33.72	10.41	8.12	4.3	3.503	122.1
500	8/7/2012 16:15:49	12.94	51.05	33.46	10.63	8.13	4.1	3.530	124.1
501	8/7/2012 16:30:50	12.94	51.34	33.67	10.54	8.13	3.8	3.551	123.3
502	8/7/2012 16:45:50	13.06	51.30	33.65	10.11	8.11	4.0	3.556	118.6
503	8/7/2012 17:00:50	13.00	51.25	33.61	10.41	8.12	3.7	3.535	121.8
504	8/7/2012 17:15:50	13.10	51.37	33.71	10.34	8.12	4.0	3.494	121.3
505	8/7/2012 17:30:50	13.37	51.17	33.57	10.10	8.11	4.0	3.445	119.1
506	8/7/2012 17:45:50	14.89	51.04	33.52	9.85	8.11	4.5	3.382	119.7
507	8/7/2012 18:00:50	14.76	51.10	33.56	9.64	8.09	5.4	3.303	116.9
508	8/7/2012 18:15:50	15.20	51.07	33.55	9.52	8.09	5.8	3.210	116.5
509	8/7/2012 18:30:50	15.13	51.21	33.65	9.20	8.06	6.8	3.128	112.5
510	8/7/2012 18:45:50	15.36	51.24	33.68	8.96	8.05	5.9	3.048	110.0
511	8/7/2012 19:00:49	15.50	50.88	33.42	8.80	8.04	6.2	2.949	108.2
512	8/7/2012 19:15:50	15.75	51.14	33.61	8.71	8.04	6.2	2.868	107.8
513	8/7/2012 19:30:50	16.10	51.00	33.52	8.66	8.04	6.0	2.774	107.9
514	8/7/2012 19:45:50	16.40	51.22	33.69	8.77	8.05	5.6	2.689	110.0
515	8/7/2012 20:00:50	16.32	51.18	33.65	9.47	8.08	5.8	2.603	118.5
516	8/7/2012 20:15:50	16.13	51.10	33.59	9.65	8.10	5.0	2.513	120.2
517	8/7/2012 20:30:50	15.84	51.30	33.73	9.91	8.11	4.9	2.438	122.9
518	8/7/2012 20:45:50	15.68	51.21	33.66	10.06	8.12	5.6	2.337	124.3
519	8/7/2012 21:00:50	15.96	51.17	33.64	9.27	8.08	5.4	2.266	115.1
520	8/7/2012 21:15:50	16.14	51.06	33.56	9.07	8.07	5.3	2.184	113.0
521	8/7/2012 21:30:50	16.16	51.17	33.65	9.00	8.07	5.7	2.088	112.2
522	8/7/2012 21:45:50	16.36	51.18	33.65	8.62	8.05	5.2	2.030	107.9
523	8/7/2012 22:00:50	16.56	51.22	33.69	8.31	8.03	5.0	1.980	104.5
524	8/7/2012 22:15:50	16.69	51.23	33.70	8.18	8.03	5.0	1.936	103.1
525	8/7/2012 22:30:50	17.00	51.00	33.53	8.00	8.02	4.9	1.888	101.3
526	8/7/2012 22:45:50	17.14	51.15	33.64	7.96	8.01	5.0	1.885	101.2
527	8/7/2012 23:00:50	17.20	51.14	33.63	8.09	8.03	5.0	1.896	102.9
528	8/7/2012 23:15:50	17.41	51.10	33.61	8.36	8.04	4.7	1.885	106.8
529	8/7/2012 23:30:50	17.33	51.12	33.62	8.29	8.04	4.7	1.929	105.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
530	8/7/2012 23:45:49	17.29	51.08	33.59	8.32	8.03	5.0	1.972	106.0
531	8/8/2012 0:00:50	17.26	51.17	33.66	8.29	8.03	5.0	2.016	105.7
532	8/8/2012 0:15:50	17.18	51.12	33.63	8.25	8.03	5.1	2.074	105.0
533	8/8/2012 0:30:50	17.33	50.96	33.50	8.27	8.03	6.2	2.129	105.4
534	8/8/2012 0:45:49	17.30	50.98	33.52	8.24	8.02	6.4	2.188	105.0
535	8/8/2012 1:00:50	17.21	51.00	33.53	8.20	8.02	6.4	2.248	104.3
536	8/8/2012 1:15:50	17.07	51.04	33.56	8.25	8.02	5.6	2.302	104.6
537	8/8/2012 1:30:50	16.98	51.15	33.64	8.20	8.02	5.4	2.360	103.9
538	8/8/2012 1:45:50	16.84	51.09	33.59	8.23	8.02	5.2	2.414	104.0
539	8/8/2012 2:00:50	16.68	51.02	33.54	8.27	8.02	5.2	2.463	104.1
540	8/8/2012 2:15:50	16.47	51.09	33.59	8.21	8.01	5.1	2.524	102.9
541	8/8/2012 2:30:50	16.28	51.11	33.60	8.13	8.00	5.6	2.583	101.6
542	8/8/2012 2:45:50	16.09	51.08	33.57	8.07	8.00	4.7	2.623	100.5
543	8/8/2012 3:00:50	16.01	51.21	33.67	8.04	7.99	4.7	2.681	100.0
544	8/8/2012 3:15:50	15.86	51.10	33.59	8.08	7.99	4.5	2.736	100.1
545	8/8/2012 3:30:50	15.78	51.24	33.69	8.08	7.99	4.6	2.776	100.0
546	8/8/2012 3:45:50	15.72	51.20	33.66	8.09	7.99	4.4	2.821	100.0
547	8/8/2012 4:00:50	15.64	51.19	33.65	8.15	8.00	4.4	2.857	100.6
548	8/8/2012 4:15:50	15.47	51.06	33.55	8.23	8.00	4.1	2.904	101.2
549	8/8/2012 4:30:50	15.35	51.24	33.68	8.25	8.00	3.9	2.926	101.3
550	8/8/2012 4:45:50	15.31	51.06	33.54	8.21	8.00	5.9	2.951	100.6
551	8/8/2012 5:00:50	15.37	51.16	33.62	8.09	7.99	4.1	2.965	99.3
552	8/8/2012 5:15:50	15.32	51.19	33.64	7.87	7.98	3.6	2.972	96.5
553	8/8/2012 5:30:50	15.33	51.26	33.70	7.72	7.98	3.4	2.964	94.7
554	8/8/2012 5:45:50	15.27	51.19	33.64	7.96	7.99	4.4	2.933	97.5
555	8/8/2012 6:00:50	15.28	51.14	33.60	7.99	7.99	3.8	2.913	98.0
556	8/8/2012 6:15:50	15.42	51.20	33.65	7.83	7.97	4.0	2.865	96.3
557	8/8/2012 6:30:50	15.41	51.01	33.51	6.29	7.83	5.3	2.800	77.2
558	8/8/2012 6:45:50	15.37	51.21	33.66	6.18	7.82	5.1	2.745	75.9
559	8/8/2012 7:00:50	15.45	51.18	33.64	6.18	7.81	5.1	2.679	76.0
560	8/8/2012 7:15:50	15.56	51.17	33.63	6.38	7.83	5.0	2.601	78.6
561	8/8/2012 7:30:50	15.59	51.17	33.63	6.40	7.83	4.8	2.543	78.9
562	8/8/2012 7:45:50	15.74	51.10	33.59	6.61	7.86	5.0	2.473	81.8
563	8/8/2012 8:00:50	15.79	51.09	33.58	6.64	7.86	4.5	2.405	82.2
564	8/8/2012 8:15:50	15.91	51.03	33.54	6.79	7.88	4.5	2.348	84.2
565	8/8/2012 8:30:50	16.00	51.21	33.67	6.90	7.90	4.8	2.278	85.8
566	8/8/2012 8:45:50	16.07	50.97	33.49	7.08	7.91	4.6	2.227	88.0
567	8/8/2012 9:00:50	16.17	51.19	33.66	7.17	7.92	4.7	2.177	89.5
568	8/8/2012 9:15:50	16.28	51.26	33.71	7.28	7.93	4.4	2.133	91.1
569	8/8/2012 9:30:50	16.39	51.08	33.58	7.21	7.93	4.3	2.100	90.3
570	8/8/2012 9:45:50	16.58	51.18	33.66	7.34	7.96	3.8	2.070	92.3
571	8/8/2012 10:00:50	16.62	51.19	33.67	7.25	7.95	3.9	2.057	91.2
572	8/8/2012 10:15:50	16.70	51.21	33.68	7.16	7.95	4.3	2.054	90.3
573	8/8/2012 10:30:50	16.69	51.14	33.63	7.52	7.97	4.5	2.057	94.7
574	8/8/2012 10:45:50	16.73	51.22	33.69	7.55	7.97	4.0	2.068	95.3
575	8/8/2012 11:00:50	16.72	51.08	33.58	7.51	7.97	4.1	2.098	94.6
576	8/8/2012 11:15:50	16.73	51.19	33.67	7.55	7.97	4.5	2.138	95.2
577	8/8/2012 11:30:50	16.68	51.16	33.65	7.48	7.97	4.5	2.162	94.2
578	8/8/2012 11:45:50	16.64	51.21	33.68	7.46	7.96	4.8	2.222	93.9
579	8/8/2012 12:00:50	16.57	51.21	33.68	7.37	7.95	5.1	2.273	92.6
580	8/8/2012 12:15:50	16.56	51.20	33.68	7.37	7.95	5.2	2.334	92.6
581	8/8/2012 12:30:50	16.55	51.08	33.58	7.42	7.96	5.1	2.389	93.2
582	8/8/2012 12:45:50	16.47	51.18	33.66	7.43	7.96	4.5	2.440	93.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	8/8/2012 13:00:50	16.40	51.12	33.61	7.44	7.96	5.0	2.522	93.2
584	8/8/2012 13:15:50	16.25	51.09	33.59	7.49	7.96	4.9	2.573	93.5
585	8/8/2012 13:30:50	16.19	51.08	33.58	7.50	7.95	4.7	2.635	93.6
586	8/8/2012 13:45:50	15.95	51.21	33.67	7.70	7.97	5.0	2.703	95.6
587	8/8/2012 14:00:50	15.84	51.02	33.53	7.87	7.98	4.8	2.772	97.5
588	8/8/2012 14:15:50	15.77	51.23	33.68	7.93	7.98	4.7	2.841	98.1
589	8/8/2012 14:30:50	15.63	51.14	33.61	8.03	7.99	4.7	2.903	99.1
590	8/8/2012 14:45:50	15.46	51.15	33.61	8.13	7.99	4.9	2.968	100.0
591	8/8/2012 15:00:50	15.26	51.16	33.62	8.19	7.99	4.7	3.039	100.3
592	8/8/2012 15:15:50	15.01	51.23	33.66	8.34	8.00	5.0	3.113	101.7
593	8/8/2012 15:30:50	14.91	51.17	33.62	8.44	8.01	4.9	3.170	102.7
594	8/8/2012 15:45:50	14.70	51.16	33.60	8.60	8.02	4.7	3.230	104.2
595	8/8/2012 16:00:50	14.45	51.17	33.60	8.72	8.02	4.4	3.298	105.1
596	8/8/2012 16:15:50	14.30	51.20	33.62	8.81	8.02	4.1	3.342	105.9
597	8/8/2012 16:30:50	14.21	51.19	33.61	8.83	8.03	4.2	3.383	106.0
598	8/8/2012 16:45:50	14.14	51.26	33.66	8.82	8.02	4.5	3.414	105.6
599	8/8/2012 17:00:50	14.02	51.31	33.69	8.91	8.03	3.2	3.443	106.5
600	8/8/2012 17:15:50	14.01	51.31	33.70	8.70	8.02	2.7	3.449	104.0
601	8/8/2012 17:30:50	14.08	51.32	33.70	8.72	8.02	3.2	3.436	104.4
602	8/8/2012 17:45:50	14.13	51.22	33.63	8.71	8.01	3.4	3.414	104.3
603	8/8/2012 18:00:50	14.27	51.30	33.69	8.65	8.01	3.7	3.380	103.9
604	8/8/2012 18:15:50	15.42	51.08	33.56	9.31	8.09	4.5	3.326	114.4
605	8/8/2012 18:30:50	15.41	51.25	33.68	9.23	8.08	5.3	3.250	113.4
606	8/8/2012 18:45:50	15.52	51.12	33.59	9.47	8.09	6.0	3.190	116.6
607	8/8/2012 19:00:50	15.58	51.14	33.61	9.54	8.09	5.5	3.114	117.6
608	8/8/2012 19:15:50	15.61	51.17	33.63	9.34	8.08	5.6	3.031	115.3
609	8/8/2012 19:30:50	15.76	51.11	33.60	9.47	8.09	5.7	2.949	117.2
610	8/8/2012 19:45:50	15.76	51.21	33.67	9.62	8.10	5.3	2.876	119.1
611	8/8/2012 20:00:49	15.53	50.92	33.45	9.66	8.09	4.8	2.796	118.8
612	8/8/2012 20:15:50	15.93	51.20	33.66	9.33	8.08	5.9	2.715	115.9
613	8/8/2012 20:30:50	16.07	51.04	33.55	9.21	8.08	5.7	2.636	114.6
614	8/8/2012 20:45:50	16.27	51.25	33.71	8.99	8.07	5.9	2.550	112.4
615	8/8/2012 21:00:50	16.46	51.27	33.72	8.85	8.06	5.6	2.476	111.1
616	8/8/2012 21:15:50	16.72	51.20	33.68	8.56	8.04	6.0	2.391	107.9
617	8/8/2012 21:30:50	16.51	51.25	33.71	8.45	8.03	6.8	2.297	106.1
618	8/8/2012 21:45:50	16.71	51.26	33.72	8.35	8.03	5.6	2.228	105.3
619	8/8/2012 22:00:49	16.78	50.85	33.42	8.31	8.02	5.7	2.143	104.7
620	8/8/2012 22:15:50	17.04	51.15	33.64	8.20	8.03	5.8	2.062	104.0
621	8/8/2012 22:30:50	17.19	51.07	33.58	8.16	8.03	5.8	2.005	103.8
622	8/8/2012 22:45:50	17.44	51.11	33.62	8.15	8.03	5.9	1.953	104.1
623	8/8/2012 23:00:50	17.55	51.20	33.69	8.09	8.03	5.1	1.904	103.7
624	8/8/2012 23:15:50	17.97	51.12	33.63	8.22	8.05	5.8	1.855	106.1
625	8/8/2012 23:30:49	18.10	51.07	33.59	8.12	8.05	5.5	1.848	105.1
626	8/8/2012 23:45:50	18.15	51.13	33.64	8.04	8.05	6.0	1.837	104.1
627	8/9/2012 0:00:49	18.16	50.87	33.45	8.05	8.05	6.2	1.824	104.2
628	8/9/2012 0:15:50	18.16	51.27	33.74	8.31	8.06	5.6	1.850	107.8
629	8/9/2012 0:30:50	18.08	51.27	33.74	8.28	8.06	5.5	1.873	107.2
630	8/9/2012 0:45:50	18.04	51.23	33.71	8.36	8.06	5.2	1.906	108.1
631	8/9/2012 1:00:49	17.99	51.15	33.65	8.33	8.05	5.0	1.944	107.6
632	8/9/2012 1:15:50	17.93	51.15	33.65	8.27	8.05	5.7	1.988	106.7
633	8/9/2012 1:30:50	18.02	51.13	33.63	8.17	8.05	6.1	2.039	105.6
634	8/9/2012 1:45:49	17.95	51.02	33.55	8.24	8.04	5.7	2.086	106.3
635	8/9/2012 2:00:50	17.90	51.19	33.68	8.19	8.04	5.9	2.137	105.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
636	8/9/2012 2:15:50	17.88	51.08	33.60	8.13	8.04	6.1	2.183	104.8
637	8/9/2012 2:30:50	17.91	51.12	33.63	8.17	8.04	5.9	2.235	105.4
638	8/9/2012 2:45:50	17.79	51.11	33.62	8.17	8.03	5.6	2.281	105.2
639	8/9/2012 3:00:50	17.69	51.04	33.57	8.21	8.03	5.3	2.330	105.4
640	8/9/2012 3:15:50	17.48	51.17	33.66	8.23	8.03	6.0	2.386	105.3
641	8/9/2012 3:30:50	17.34	51.12	33.62	8.18	8.02	5.6	2.424	104.3
642	8/9/2012 3:45:50	17.03	51.05	33.57	8.13	8.01	5.1	2.481	103.0
643	8/9/2012 4:00:50	16.85	51.11	33.61	8.11	8.01	4.9	2.525	102.5
644	8/9/2012 4:15:50	16.66	51.21	33.68	8.14	8.01	4.7	2.568	102.6
645	8/9/2012 4:30:50	16.54	51.21	33.68	8.18	8.01	4.9	2.610	102.9
646	8/9/2012 4:45:50	16.50	51.19	33.66	8.18	8.01	5.1	2.648	102.7
647	8/9/2012 5:00:50	16.45	51.22	33.68	8.23	8.01	4.8	2.688	103.3
648	8/9/2012 5:15:50	16.42	51.24	33.70	8.18	8.01	4.5	2.704	102.6
649	8/9/2012 5:30:50	16.39	51.17	33.65	8.21	8.01	4.3	2.744	102.8
650	8/9/2012 5:45:50	16.37	51.25	33.71	8.12	8.01	4.2	2.762	101.7
651	8/9/2012 6:00:50	16.35	51.27	33.72	8.06	8.00	4.0	2.766	100.9
652	8/9/2012 6:15:50	16.37	51.14	33.63	7.65	7.97	4.6	2.784	95.7
653	8/9/2012 6:30:50	16.37	51.06	33.57	7.55	7.98	4.5	2.771	94.4
654	8/9/2012 6:45:50	16.36	51.29	33.73	7.78	7.99	4.3	2.770	97.5
655	8/9/2012 7:00:50	16.32	51.15	33.63	7.84	7.99	3.5	2.744	98.0
656	8/9/2012 7:15:50	16.34	51.12	33.61	7.92	7.99	4.5	2.704	99.1
657	8/9/2012 7:30:50	16.42	51.05	33.56	7.68	7.98	3.9	2.681	96.2
658	8/9/2012 7:45:50	16.48	51.18	33.66	7.65	7.97	4.3	2.639	96.0
659	8/9/2012 8:00:50	16.58	51.21	33.68	7.34	7.96	4.5	2.585	92.3
660	8/9/2012 8:15:50	16.67	51.23	33.69	7.10	7.94	4.5	2.509	89.4
661	8/9/2012 8:30:50	16.77	51.22	33.69	6.78	7.90	4.8	2.476	85.6
662	8/9/2012 8:45:50	16.92	51.24	33.71	6.83	7.90	5.3	2.443	86.5
663	8/9/2012 9:00:50	17.08	51.11	33.62	7.08	7.95	4.8	2.374	89.9
664	8/9/2012 9:15:50	17.09	51.12	33.62	6.73	7.91	5.3	2.328	85.5
665	8/9/2012 9:30:50	17.25	51.11	33.62	7.17	7.94	4.9	2.291	91.3
666	8/9/2012 9:45:50	17.27	51.13	33.63	7.21	7.95	4.5	2.278	91.8
667	8/9/2012 10:00:50	17.34	51.03	33.56	7.22	7.95	5.1	2.219	92.0
668	8/9/2012 10:15:50	17.45	51.12	33.62	7.36	7.97	5.0	2.201	94.1
669	8/9/2012 10:30:50	17.50	51.19	33.68	7.25	7.97	4.8	2.208	92.9
670	8/9/2012 10:45:50	17.54	51.16	33.65	7.40	7.97	4.5	2.197	94.7
671	8/9/2012 11:00:50	17.58	51.19	33.68	7.43	7.98	4.9	2.181	95.3
672	8/9/2012 11:15:50	17.60	51.12	33.63	7.55	7.99	4.9	2.180	96.8
673	8/9/2012 11:30:50	17.56	51.24	33.71	7.62	7.99	5.1	2.215	97.7
674	8/9/2012 11:45:50	17.51	51.14	33.64	7.58	7.99	5.0	2.239	97.0
675	8/9/2012 12:00:50	17.45	51.18	33.67	7.41	7.98	4.8	2.247	94.8
676	8/9/2012 12:15:50	17.43	51.13	33.63	7.40	7.97	5.5	2.270	94.6
677	8/9/2012 12:30:50	17.34	51.20	33.68	7.30	7.96	6.1	2.324	93.1
678	8/9/2012 12:45:50	17.24	51.08	33.59	7.29	7.96	6.1	2.360	92.8
679	8/9/2012 13:00:50	17.21	51.02	33.55	7.43	7.97	5.1	2.400	94.5
680	8/9/2012 13:15:50	17.16	51.24	33.71	7.61	7.98	5.3	2.440	96.8
681	8/9/2012 13:30:50	16.98	51.13	33.63	7.62	7.97	6.1	2.508	96.5
682	8/9/2012 13:45:50	16.83	51.16	33.64	7.62	7.97	5.0	2.563	96.3
683	8/9/2012 14:00:50	16.67	51.11	33.61	7.67	7.97	5.0	2.604	96.6
684	8/9/2012 14:15:50	16.56	51.16	33.64	7.74	7.98	4.8	2.666	97.3
685	8/9/2012 14:30:50	16.33	51.22	33.69	7.83	7.98	4.9	2.722	98.0
686	8/9/2012 14:45:50	16.20	51.14	33.62	7.99	7.99	5.2	2.783	99.7
687	8/9/2012 15:00:50	15.97	51.00	33.52	8.05	7.99	4.5	2.835	99.9
688	8/9/2012 15:15:50	15.75	51.27	33.71	8.07	7.99	4.7	2.897	99.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
689	8/9/2012 15:30:50	15.73	51.28	33.71	8.22	8.00	4.5	2.956	101.7
690	8/9/2012 15:45:50	15.59	51.22	33.67	8.22	8.00	4.5	3.007	101.4
691	8/9/2012 16:00:50	15.34	51.16	33.62	8.20	8.00	4.0	3.074	100.6
692	8/9/2012 16:15:50	15.03	51.16	33.62	8.20	7.99	4.7	3.128	100.0
693	8/9/2012 16:30:50	14.92	51.23	33.66	8.28	7.99	4.5	3.176	100.8
694	8/9/2012 16:45:50	14.72	51.16	33.61	8.26	7.99	4.2	3.226	100.1
695	8/9/2012 17:00:50	14.65	51.14	33.58	8.28	7.99	3.6	3.272	100.1
696	8/9/2012 17:15:50	14.48	51.26	33.67	8.25	7.99	3.0	3.315	99.6
697	8/9/2012 17:30:50	14.44	51.23	33.65	8.37	8.00	3.8	3.337	100.8
698	8/9/2012 17:45:50	14.40	50.98	33.47	8.26	7.99	3.2	3.359	99.4
699	8/9/2012 18:00:50	14.37	51.26	33.66	7.86	7.97	2.8	3.374	94.7
700	8/9/2012 18:15:50	14.37	51.17	33.60	7.94	7.97	2.8	3.372	95.5
701	8/9/2012 18:30:50	14.35	51.39	33.76	8.06	7.98	3.4	3.346	97.1
702	8/9/2012 18:45:50	14.46	51.38	33.75	8.19	7.99	4.0	3.313	98.8
703	8/9/2012 19:00:50	14.80	51.29	33.70	8.30	8.01	3.7	3.280	100.8
704	8/9/2012 19:15:50	15.48	51.23	33.68	8.68	8.04	5.0	3.210	106.8
705	8/9/2012 19:30:50	15.61	51.20	33.66	8.61	8.04	5.1	3.152	106.3
706	8/9/2012 19:45:50	15.97	51.06	33.56	8.61	8.04	5.2	3.082	106.9
707	8/9/2012 20:00:50	15.91	51.12	33.60	8.46	8.02	5.8	3.005	105.0
708	8/9/2012 20:15:50	16.14	51.27	33.71	8.42	8.02	5.5	2.950	105.0
709	8/9/2012 20:30:50	16.36	51.19	33.66	8.44	8.03	5.6	2.858	105.7
710	8/9/2012 20:45:50	16.17	51.32	33.75	8.29	8.02	5.1	2.785	103.5
711	8/9/2012 21:00:50	16.20	51.27	33.72	8.17	8.01	5.1	2.717	102.1
712	8/9/2012 21:15:50	16.52	51.16	33.64	8.06	8.01	6.1	2.633	101.2
713	8/9/2012 21:30:50	16.46	51.32	33.76	7.98	8.00	5.4	2.560	100.2
714	8/9/2012 21:45:50	16.43	51.26	33.72	7.79	7.98	5.6	2.479	97.7
715	8/9/2012 22:00:50	16.62	51.20	33.67	7.72	7.99	5.4	2.402	97.1
716	8/9/2012 22:15:50	17.02	51.24	33.71	7.80	8.00	5.8	2.310	98.9
717	8/9/2012 22:30:50	17.00	51.24	33.71	7.77	7.99	5.7	2.229	98.5
718	8/9/2012 22:45:50	17.26	51.08	33.60	7.85	8.01	5.9	2.162	99.9
719	8/9/2012 23:00:50	17.23	51.21	33.69	7.69	8.00	5.1	2.072	98.0
720	8/9/2012 23:15:50	17.52	51.28	33.74	7.82	8.01	5.2	2.008	100.2
721	8/9/2012 23:30:50	17.59	51.19	33.67	7.73	8.01	5.2	1.941	99.1
722	8/9/2012 23:45:50	17.70	51.30	33.76	7.70	8.01	4.7	1.886	99.0
723	8/10/2012 0:00:50	18.02	51.32	33.77	7.93	8.04	5.1	1.838	102.5
724	8/10/2012 0:15:50	18.09	51.30	33.76	7.96	8.04	4.8	1.798	103.0
725	8/10/2012 0:30:50	18.22	51.22	33.70	8.02	8.05	4.6	1.792	104.1
726	8/10/2012 0:45:50	18.36	51.23	33.71	8.06	8.06	4.8	1.766	104.9
727	8/10/2012 1:00:50	18.26	51.25	33.73	7.81	8.04	4.9	1.772	101.4
728	8/10/2012 1:15:50	18.38	51.19	33.68	8.14	8.07	4.6	1.790	105.9
729	8/10/2012 1:30:50	18.35	51.21	33.70	8.12	8.07	4.6	1.799	105.6
730	8/10/2012 1:45:50	18.29	51.15	33.65	8.10	8.06	6.5	1.834	105.2
731	8/10/2012 2:00:49	18.30	50.98	33.53	8.08	8.06	5.3	1.872	104.9
732	8/10/2012 2:15:50	18.21	51.27	33.74	8.01	8.05	5.4	1.906	104.0
733	8/10/2012 2:30:50	18.20	51.17	33.66	7.96	8.05	5.4	1.935	103.2
734	8/10/2012 2:45:50	18.29	51.17	33.67	7.81	8.04	7.0	1.991	101.5
735	8/10/2012 3:00:50	18.29	51.06	33.59	7.78	8.04	6.8	2.042	101.1
736	8/10/2012 3:15:50	18.14	51.09	33.60	7.82	8.04	6.4	2.076	101.3
737	8/10/2012 3:30:50	18.13	51.05	33.58	7.78	8.03	6.1	2.123	100.7
738	8/10/2012 3:45:49	18.10	50.91	33.48	7.83	8.03	6.5	2.172	101.3
739	8/10/2012 4:00:50	18.00	51.16	33.66	7.84	8.03	5.5	2.220	101.2
740	8/10/2012 4:15:50	17.92	51.23	33.71	7.84	8.03	5.5	2.263	101.2
741	8/10/2012 4:30:50	17.85	51.24	33.71	7.80	8.02	6.0	2.311	100.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	8/10/2012 4:45:50	17.63	51.23	33.71	7.79	8.01	7.3	2.354	100.0
743	8/10/2012 5:00:50	17.40	51.19	33.67	7.77	8.01	6.1	2.403	99.3
744	8/10/2012 5:15:50	17.21	51.16	33.65	7.78	8.00	5.3	2.451	99.1
745	8/10/2012 5:30:50	17.08	51.24	33.71	7.83	8.01	5.1	2.487	99.4
746	8/10/2012 5:45:50	16.90	51.20	33.68	7.92	8.01	5.0	2.522	100.2
747	8/10/2012 6:00:50	16.81	51.10	33.60	7.93	8.01	5.0	2.567	100.1
748	8/10/2012 6:15:50	16.73	51.17	33.65	7.99	8.01	5.9	2.605	100.7
749	8/10/2012 6:30:50	16.71	51.23	33.69	7.94	8.01	4.5	2.626	100.1
750	8/10/2012 6:45:50	16.67	51.28	33.73	7.95	8.01	5.2	2.659	100.1
751	8/10/2012 7:00:50	16.64	51.20	33.67	7.93	8.01	4.7	2.678	99.8
752	8/10/2012 7:15:50	16.62	51.21	33.68	7.77	8.00	4.2	2.697	97.8
753	8/10/2012 7:30:50	16.62	51.24	33.71	7.58	7.98	4.0	2.710	95.4
754	8/10/2012 7:45:50	16.69	51.19	33.67	7.46	7.98	5.4	2.696	94.0
755	8/10/2012 8:00:50	16.59	51.24	33.70	7.59	7.98	4.3	2.697	95.5
756	8/10/2012 8:15:50	16.59	51.27	33.72	7.62	7.99	4.5	2.687	95.8
757	8/10/2012 8:30:50	16.55	51.27	33.72	7.74	7.99	4.5	2.655	97.3
758	8/10/2012 8:45:50	16.59	51.25	33.71	7.80	7.99	4.8	2.624	98.1
759	8/10/2012 9:00:50	16.69	51.29	33.74	7.73	7.99	4.3	2.589	97.5
760	8/10/2012 9:15:50	16.75	51.16	33.65	7.67	7.98	4.7	2.559	96.7
761	8/10/2012 9:30:50	16.87	51.13	33.63	7.36	7.96	4.8	2.522	93.1
762	8/10/2012 9:45:50	16.99	51.25	33.72	6.50	7.87	5.3	2.468	82.4
763	8/10/2012 10:00:50	17.06	51.21	33.68	6.64	7.88	5.4	2.434	84.3
764	8/10/2012 10:15:50	17.33	51.26	33.73	7.15	7.94	5.0	2.418	91.2
765	8/10/2012 10:30:50	17.45	51.20	33.68	7.27	7.97	4.8	2.378	93.0
766	8/10/2012 10:45:50	17.53	51.09	33.61	7.42	7.98	6.0	2.338	94.9
767	8/10/2012 11:00:50	17.61	51.21	33.69	7.41	7.98	4.7	2.337	95.0
768	8/10/2012 11:15:49	17.76	50.93	33.49	7.58	8.00	4.6	2.329	97.4
769	8/10/2012 11:30:50	17.84	51.18	33.67	7.53	8.00	4.7	2.312	97.0
770	8/10/2012 11:45:50	17.85	51.25	33.73	7.01	7.97	4.3	2.300	90.4
771	8/10/2012 12:00:50	17.83	51.27	33.74	6.33	7.95	4.5	2.307	81.5
772	8/10/2012 12:15:50	17.47	51.21	33.69	7.39	7.98	4.7	2.328	94.6
773	8/10/2012 12:30:50	17.54	51.05	33.57	7.43	7.98	4.7	2.327	95.1
774	8/10/2012 12:45:50	17.56	51.08	33.60	7.48	7.98	5.1	2.331	95.9
775	8/10/2012 13:00:50	17.51	51.22	33.70	7.34	7.97	5.4	2.357	94.0
776	8/10/2012 13:15:50	17.46	51.16	33.65	7.45	7.98	5.6	2.401	95.3
777	8/10/2012 13:30:50	17.34	51.13	33.63	7.26	7.96	5.6	2.404	92.7
778	8/10/2012 13:45:50	17.30	51.18	33.67	7.47	7.98	5.0	2.445	95.2
779	8/10/2012 14:00:50	17.33	51.15	33.65	7.72	8.00	5.0	2.483	98.5
780	8/10/2012 14:15:50	17.45	51.24	33.71	7.83	8.00	4.6	2.534	100.1
781	8/10/2012 14:30:50	17.16	51.07	33.58	7.74	8.00	4.7	2.574	98.4
782	8/10/2012 14:45:50	16.94	51.12	33.62	7.65	7.99	4.7	2.610	96.8
783	8/10/2012 15:00:50	16.67	51.27	33.73	7.65	7.98	5.1	2.672	96.4
784	8/10/2012 15:15:50	16.49	51.19	33.67	7.67	7.98	5.0	2.721	96.3
785	8/10/2012 15:30:50	16.21	51.12	33.61	7.79	7.98	4.7	2.771	97.2
786	8/10/2012 15:45:50	16.09	51.08	33.58	7.80	7.98	4.6	2.824	97.2
787	8/10/2012 16:00:50	15.80	51.27	33.71	7.88	7.98	5.0	2.886	97.6
788	8/10/2012 16:15:50	15.42	51.15	33.61	7.87	7.98	4.6	2.945	96.8
789	8/10/2012 16:30:50	15.16	51.26	33.69	7.85	7.97	4.5	2.984	96.0
790	8/10/2012 16:45:50	14.94	51.21	33.65	7.85	7.97	4.5	3.047	95.5
791	8/10/2012 17:00:50	14.68	51.23	33.65	7.85	7.96	4.0	3.101	95.0
792	8/10/2012 17:15:50	14.50	51.13	33.57	7.89	7.96	4.2	3.141	95.2
793	8/10/2012 17:30:50	14.49	51.34	33.73	7.97	7.97	3.6	3.184	96.2
794	8/10/2012 17:45:50	14.41	51.29	33.69	7.91	7.97	3.6	3.236	95.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	8/10/2012 18:00:50	14.28	51.23	33.64	7.94	7.96	3.2	3.268	95.4
796	8/10/2012 18:15:50	14.19	51.43	33.79	7.91	7.97	3.2	3.293	94.9
797	8/10/2012 18:30:50	14.45	51.36	33.75	7.84	7.97	2.9	3.315	94.6
798	8/10/2012 18:45:50	14.55	51.21	33.64	7.75	7.96	3.3	3.330	93.6
799	8/10/2012 19:00:50	14.52	51.25	33.67	7.63	7.95	3.2	3.328	92.1
800	8/10/2012 19:15:50	14.38	51.24	33.65	7.70	7.95	3.0	3.315	92.7
801	8/10/2012 19:30:50	14.44	51.29	33.69	7.76	7.95	3.3	3.285	93.6
802	8/10/2012 19:45:50	14.77	51.30	33.71	7.81	7.97	3.7	3.258	94.8
803	8/10/2012 20:00:50	15.19	51.31	33.73	8.01	7.99	3.6	3.212	98.1
804	8/10/2012 20:15:50	15.48	51.29	33.72	8.21	8.01	3.9	3.152	101.1
805	8/10/2012 20:30:50	15.97	51.24	33.69	8.30	8.02	4.9	3.089	103.2
806	8/10/2012 20:45:50	16.34	51.05	33.56	8.34	8.03	5.0	3.026	104.3
807	8/10/2012 21:00:50	16.36	51.26	33.71	8.21	8.02	5.0	2.967	102.9
808	8/10/2012 21:15:50	16.45	51.18	33.65	8.16	8.01	4.7	2.892	102.4
809	8/10/2012 21:30:50	16.78	51.24	33.71	8.16	8.02	4.6	2.815	103.0
810	8/10/2012 21:45:50	16.91	51.18	33.66	8.14	8.02	4.9	2.747	103.0
811	8/10/2012 22:00:50	16.57	51.19	33.67	7.86	8.00	4.6	2.683	98.8
812	8/10/2012 22:15:50	16.76	51.26	33.72	7.78	8.00	4.7	2.604	98.2
813	8/10/2012 22:30:50	16.75	51.13	33.62	7.69	7.99	4.5	2.519	97.0
814	8/10/2012 22:45:50	16.95	51.23	33.70	7.74	7.99	5.1	2.444	98.1
815	8/10/2012 23:00:50	16.98	51.24	33.71	7.62	7.99	5.6	2.365	96.6
816	8/10/2012 23:15:50	17.47	51.24	33.71	7.86	8.02	5.6	2.285	100.6
817	8/10/2012 23:30:50	17.36	51.29	33.75	7.79	7.99	6.4	2.199	99.4
818	8/10/2012 23:45:50	17.71	51.14	33.64	7.81	8.01	5.1	2.113	100.4
819	8/11/2012 0:00:50	17.86	51.29	33.76	7.74	8.03	4.5	2.041	99.8
820	8/11/2012 0:15:50	17.91	51.32	33.77	7.77	8.02	4.7	1.954	100.3
821	8/11/2012 0:30:50	18.00	51.26	33.73	7.69	8.03	4.5	1.876	99.4
822	8/11/2012 0:45:50	18.15	51.28	33.74	7.81	8.04	4.5	1.823	101.2
823	8/11/2012 1:00:50	18.16	51.21	33.70	7.81	8.03	4.5	1.775	101.3
824	8/11/2012 1:15:50	18.43	51.21	33.70	7.95	8.06	4.3	1.729	103.6
825	8/11/2012 1:30:50	18.48	51.18	33.67	8.02	8.07	4.5	1.686	104.5
826	8/11/2012 1:45:50	18.48	51.15	33.66	8.06	8.07	4.0	1.683	105.2
827	8/11/2012 2:00:50	18.47	51.16	33.66	7.88	8.06	4.3	1.680	102.7
828	8/11/2012 2:15:50	18.50	51.25	33.72	7.89	8.07	3.9	1.689	103.0
829	8/11/2012 2:30:50	18.46	51.13	33.64	7.93	8.07	4.1	1.701	103.4
830	8/11/2012 2:45:50	18.39	51.23	33.71	7.94	8.06	4.2	1.728	103.4
831	8/11/2012 3:00:50	18.39	51.23	33.71	8.00	8.06	4.7	1.778	104.2
832	8/11/2012 3:15:50	18.35	51.23	33.71	8.03	8.06	4.5	1.821	104.5
833	8/11/2012 3:30:50	18.32	51.23	33.71	8.00	8.06	4.8	1.841	104.0
834	8/11/2012 3:45:50	18.39	51.12	33.63	7.83	8.05	5.6	1.901	101.9
835	8/11/2012 4:00:50	18.35	51.17	33.66	7.86	8.05	5.3	1.956	102.2
836	8/11/2012 4:15:50	18.33	51.12	33.63	7.82	8.05	5.6	1.995	101.7
837	8/11/2012 4:30:50	18.31	51.07	33.60	7.77	8.04	5.9	2.033	100.9
838	8/11/2012 4:45:49	18.28	51.01	33.55	7.76	8.04	5.9	2.094	100.7
839	8/11/2012 5:00:50	18.21	51.18	33.67	7.76	8.03	5.8	2.144	100.7
840	8/11/2012 5:15:50	18.12	51.13	33.64	7.74	8.03	6.2	2.192	100.2
841	8/11/2012 5:30:50	17.86	51.16	33.66	7.69	8.02	6.7	2.247	99.1
842	8/11/2012 5:45:50	17.55	51.19	33.68	7.64	8.01	5.9	2.300	97.9
843	8/11/2012 6:00:50	17.33	51.10	33.61	7.62	8.00	5.4	2.357	97.2
844	8/11/2012 6:15:50	17.20	51.15	33.64	7.65	8.00	4.6	2.401	97.3
845	8/11/2012 6:30:50	17.12	51.25	33.71	7.70	8.00	4.3	2.453	97.9
846	8/11/2012 6:45:50	17.04	51.11	33.62	7.71	8.00	4.6	2.491	97.8
847	8/11/2012 7:00:50	16.89	51.26	33.72	7.75	8.00	4.4	2.541	98.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH	NTU		
848	8/11/2012 7:15:50	16.80	51.25	33.71	7.76	8.00	4.1	2.587	98.0
849	8/11/2012 7:30:50	16.74	51.14	33.63	7.75	8.00	3.9	2.609	97.8
850	8/11/2012 7:45:50	16.74	51.27	33.73	7.74	8.00	4.5	2.645	97.7
851	8/11/2012 8:00:50	16.58	51.13	33.62	7.75	8.00	3.5	2.676	97.5
852	8/11/2012 8:15:50	16.48	51.11	33.60	7.70	7.99	3.6	2.703	96.6
853	8/11/2012 8:30:50	16.47	51.11	33.60	7.61	7.99	3.6	2.709	95.5
854	8/11/2012 8:45:50	16.47	51.17	33.65	7.34	7.97	3.7	2.728	92.0
855	8/11/2012 9:00:50	16.58	51.29	33.74	7.51	7.98	4.3	2.745	94.5
856	8/11/2012 9:15:50	16.54	51.11	33.61	7.41	7.98	4.5	2.730	93.0
857	8/11/2012 9:30:50	16.40	51.10	33.60	7.39	7.97	4.2	2.721	92.6
858	8/11/2012 9:45:50	16.37	51.03	33.55	7.46	7.97	3.8	2.714	93.4
859	8/11/2012 10:00:50	16.47	51.21	33.68	7.47	7.97	3.9	2.694	93.7
860	8/11/2012 10:15:50	16.49	51.25	33.71	7.51	7.98	3.9	2.665	94.3
861	8/11/2012 10:30:50	16.62	51.26	33.72	7.50	7.98	4.0	2.630	94.5
862	8/11/2012 10:45:50	16.75	51.18	33.66	7.57	7.98	4.2	2.600	95.6
863	8/11/2012 11:00:50	16.90	51.23	33.70	7.55	7.98	4.4	2.569	95.5
864	8/11/2012 11:15:50	17.02	51.26	33.73	7.56	7.97	4.1	2.533	96.0
865	8/11/2012 11:30:50	17.07	51.16	33.65	7.44	7.95	4.5	2.501	94.4
866	8/11/2012 11:45:50	17.15	51.19	33.67	7.61	7.96	4.6	2.457	96.7
867	8/11/2012 12:00:50	17.31	51.12	33.63	7.77	7.99	4.2	2.443	99.1
868	8/11/2012 12:15:50	17.54	51.23	33.71	7.94	8.00	4.5	2.430	101.7
869	8/11/2012 12:30:50	17.65	51.11	33.62	7.95	8.02	4.2	2.391	102.0
870	8/11/2012 12:45:50	17.75	51.27	33.74	8.14	8.02	4.2	2.401	104.8
871	8/11/2012 13:00:50	17.81	51.18	33.67	7.95	8.02	4.3	2.391	102.4
872	8/11/2012 13:15:49	17.72	51.15	33.65	7.92	8.00	5.4	2.385	101.8
873	8/11/2012 13:30:50	17.44	51.23	33.71	7.63	7.98	4.2	2.395	97.6
874	8/11/2012 13:45:50	17.34	51.24	33.71	7.58	7.99	3.9	2.405	96.7
875	8/11/2012 14:00:50	17.45	51.17	33.66	7.69	7.99	4.5	2.435	98.3
876	8/11/2012 14:15:50	17.57	51.25	33.72	7.79	8.00	4.3	2.458	99.8
877	8/11/2012 14:30:50	17.44	51.17	33.66	7.73	8.00	4.0	2.479	98.9
878	8/11/2012 14:45:50	17.37	51.28	33.74	7.69	8.00	4.3	2.516	98.2
879	8/11/2012 15:00:50	17.31	51.14	33.64	7.79	8.01	4.1	2.555	99.4
880	8/11/2012 15:15:50	17.43	51.23	33.70	7.90	8.01	4.4	2.596	101.0
881	8/11/2012 15:30:50	17.17	51.20	33.68	7.75	8.00	4.0	2.632	98.6
882	8/11/2012 15:45:50	16.92	51.30	33.75	7.60	7.98	4.2	2.682	96.3
883	8/11/2012 16:00:50	16.75	51.23	33.70	7.60	7.98	4.9	2.724	95.9
884	8/11/2012 16:15:50	16.55	51.23	33.69	7.67	7.98	4.3	2.770	96.4
885	8/11/2012 16:30:50	16.74	51.18	33.66	7.94	8.00	4.2	2.824	100.2
886	8/11/2012 16:45:50	16.53	51.22	33.69	7.96	7.99	4.0	2.868	100.0
887	8/11/2012 17:00:50	16.01	51.29	33.73	7.90	7.98	3.9	2.928	98.3
888	8/11/2012 17:15:50	15.79	51.13	33.61	8.01	7.98	3.8	2.984	99.1
889	8/11/2012 17:30:50	15.09	51.36	33.76	7.95	7.96	4.0	3.032	97.1
890	8/11/2012 17:45:50	15.33	51.04	33.53	7.85	7.98	3.9	3.087	96.2
891	8/11/2012 18:00:50	15.03	51.32	33.73	7.98	7.97	3.8	3.144	97.4
892	8/11/2012 18:15:50	15.05	51.24	33.67	7.97	7.97	3.9	3.187	97.2
893	8/11/2012 18:30:50	15.07	51.33	33.74	8.11	7.97	3.4	3.233	99.0
894	8/11/2012 18:45:50	14.79	51.29	33.70	8.09	7.97	3.5	3.273	98.2
895	8/11/2012 19:00:50	14.42	51.35	33.73	7.97	7.96	3.2	3.308	96.1
896	8/11/2012 19:15:50	13.88	51.20	33.61	7.90	7.95	2.9	3.337	94.1
897	8/11/2012 19:30:50	13.94	51.29	33.68	7.72	7.94	2.9	3.352	92.1
898	8/11/2012 19:45:50	14.24	51.34	33.72	7.85	7.95	2.4	3.372	94.3
899	8/11/2012 20:00:50	14.14	51.26	33.66	7.57	7.93	3.4	3.351	90.7
900	8/11/2012 20:15:50	14.17	51.39	33.76	7.72	7.94	3.1	3.346	92.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
901	8/11/2012 20:30:50	14.28	51.38	33.75	7.76	7.95	3.6	3.313	93.3
902	8/11/2012 20:45:50	14.68	51.25	33.67	7.83	7.96	3.9	3.272	94.9
903	8/11/2012 21:00:50	15.21	51.22	33.66	8.09	7.99	3.7	3.227	99.0
904	8/11/2012 21:15:50	15.49	51.26	33.69	8.23	8.00	3.5	3.172	101.4
905	8/11/2012 21:30:50	16.07	51.24	33.69	8.48	8.03	4.3	3.102	105.6
906	8/11/2012 21:45:50	16.34	51.15	33.63	8.49	8.04	4.7	3.036	106.3
907	8/11/2012 22:00:50	16.45	51.21	33.68	8.44	8.03	4.3	2.967	105.9
908	8/11/2012 22:15:50	16.58	51.27	33.72	8.33	8.03	4.3	2.897	104.8
909	8/11/2012 22:30:50	16.69	51.28	33.73	8.21	8.02	4.4	2.821	103.5
910	8/11/2012 22:45:50	16.92	51.28	33.74	8.19	8.02	4.3	2.742	103.7
911	8/11/2012 23:00:50	16.83	51.30	33.75	7.97	8.02	4.0	2.674	100.7
912	8/11/2012 23:15:50	16.79	51.39	33.82	7.83	8.00	4.2	2.597	98.9
913	8/11/2012 23:30:50	16.90	51.34	33.78	7.71	7.99	4.3	2.508	97.6
914	8/11/2012 23:45:50	16.98	51.32	33.76	7.71	7.98	5.6	2.418	97.7
915	8/12/2012 0:00:50	17.64	51.21	33.69	8.03	8.03	5.0	2.348	103.1
916	8/12/2012 0:15:50	17.51	51.31	33.77	7.98	8.01	5.4	2.250	102.2
917	8/12/2012 0:30:50	17.81	51.32	33.78	7.99	8.02	5.4	2.159	102.9
918	8/12/2012 0:45:50	18.08	51.36	33.80	8.11	8.05	5.1	2.070	105.0
919	8/12/2012 1:00:50	17.88	51.31	33.76	7.79	8.02	4.7	1.988	100.6
920	8/12/2012 1:15:50	17.89	51.34	33.79	7.54	8.01	4.2	1.906	97.3
921	8/12/2012 1:30:50	18.06	51.34	33.79	7.59	8.02	4.7	1.825	98.3
922	8/12/2012 1:45:50	18.22	51.27	33.74	7.68	8.03	4.4	1.755	99.7
923	8/12/2012 2:00:50	18.33	51.32	33.77	7.73	8.04	4.1	1.700	100.5
924	8/12/2012 2:15:50	18.69	51.30	33.77	8.13	8.07	3.9	1.662	106.5
925	8/12/2012 2:30:50	18.80	51.23	33.71	8.19	8.08	3.9	1.617	107.5
926	8/12/2012 2:45:49	18.87	51.19	33.69	8.27	8.09	4.2	1.607	108.7
927	8/12/2012 3:00:50	18.78	51.38	33.82	8.04	8.08	4.1	1.609	105.5
928	8/12/2012 3:15:50	18.80	51.32	33.78	8.27	8.09	3.9	1.617	108.6
929	8/12/2012 3:30:50	18.76	51.31	33.77	8.27	8.09	3.9	1.637	108.5
930	8/12/2012 3:45:50	18.69	51.27	33.74	8.21	8.08	4.0	1.666	107.5
931	8/12/2012 4:00:49	18.70	51.24	33.72	8.30	8.08	4.2	1.719	108.7
932	8/12/2012 4:15:49	18.66	51.23	33.71	8.29	8.08	5.0	1.756	108.5
933	8/12/2012 4:30:50	18.64	51.24	33.72	8.23	8.08	5.3	1.805	107.6
934	8/12/2012 4:45:50	18.72	51.12	33.63	8.11	8.07	6.0	1.867	106.2
935	8/12/2012 5:00:49	18.67	51.14	33.65	8.16	8.07	5.6	1.920	106.7
936	8/12/2012 5:15:49	18.66	51.15	33.65	8.10	8.07	5.8	1.970	106.0
937	8/12/2012 5:30:50	18.66	51.09	33.61	8.02	8.06	5.9	2.023	104.9
938	8/12/2012 5:45:50	18.57	51.19	33.69	8.06	8.06	5.7	2.092	105.3
939	8/12/2012 6:00:50	18.50	51.14	33.64	8.06	8.06	5.5	2.142	105.1
940	8/12/2012 6:15:50	18.35	51.14	33.64	8.02	8.05	5.7	2.190	104.3
941	8/12/2012 6:30:49	18.10	50.98	33.53	7.92	8.03	7.5	2.256	102.5
942	8/12/2012 6:45:50	17.73	51.25	33.72	7.80	8.02	5.3	2.320	100.3
943	8/12/2012 7:00:50	17.52	51.24	33.72	7.73	8.01	5.4	2.369	99.0
944	8/12/2012 7:15:50	17.34	51.20	33.69	7.78	8.01	5.1	2.424	99.3
945	8/12/2012 7:30:50	17.21	51.26	33.72	7.78	8.01	4.6	2.489	99.0
946	8/12/2012 7:45:50	17.09	51.25	33.71	7.82	8.01	4.5	2.539	99.3
947	8/12/2012 8:00:50	17.02	51.19	33.67	7.82	8.01	4.3	2.592	99.2
948	8/12/2012 8:15:50	16.91	51.23	33.70	7.81	8.01	4.1	2.641	98.9
949	8/12/2012 8:30:50	16.76	51.20	33.68	7.81	8.00	4.2	2.682	98.6
950	8/12/2012 8:45:50	16.56	51.26	33.72	7.79	8.00	4.3	2.733	98.0
951	8/12/2012 9:00:50	16.48	51.23	33.70	7.80	8.00	4.0	2.766	97.9
952	8/12/2012 9:15:50	16.42	51.24	33.70	7.78	7.99	4.2	2.797	97.6
953	8/12/2012 9:30:50	16.38	51.22	33.69	7.73	7.99	4.1	2.831	96.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
954	8/12/2012 9:45:50	16.29	51.31	33.75	7.67	7.98	4.2	2.847	96.0
955	8/12/2012 10:00:50	16.21	51.23	33.69	7.54	7.97	3.8	2.850	94.2
956	8/12/2012 10:15:50	16.42	51.25	33.71	7.53	7.97	4.5	2.863	94.4
957	8/12/2012 10:30:50	16.24	51.30	33.74	7.45	7.97	4.2	2.850	93.1
958	8/12/2012 10:45:50	16.33	51.16	33.64	7.52	7.97	4.0	2.833	94.1
959	8/12/2012 11:00:50	16.39	51.06	33.57	7.57	7.98	4.0	2.805	94.8
960	8/12/2012 11:15:50	16.59	51.26	33.72	7.67	7.99	4.2	2.774	96.5
961	8/12/2012 11:30:50	16.74	51.20	33.68	7.77	8.00	4.2	2.734	98.1
962	8/12/2012 11:45:50	16.78	51.17	33.65	7.83	8.00	4.4	2.691	98.8
963	8/12/2012 12:00:50	16.89	51.23	33.70	7.90	8.01	4.2	2.652	99.9
964	8/12/2012 12:15:50	17.02	51.17	33.65	7.97	8.01	4.0	2.607	101.1
965	8/12/2012 12:30:50	17.17	51.14	33.64	7.99	8.02	3.9	2.573	101.6
966	8/12/2012 12:45:50	17.44	51.11	33.62	8.24	8.04	3.8	2.534	105.3
967	8/12/2012 13:00:50	17.78	51.28	33.74	8.33	8.05	3.8	2.511	107.2
968	8/12/2012 13:15:50	17.93	51.20	33.69	8.68	8.07	3.9	2.481	112.0
969	8/12/2012 13:30:49	18.08	51.13	33.64	8.66	8.07	3.8	2.465	112.0
970	8/12/2012 13:45:49	18.20	51.01	33.55	8.48	8.06	3.9	2.459	109.9
971	8/12/2012 14:00:50	17.99	51.27	33.74	8.62	8.07	4.0	2.444	111.4
972	8/12/2012 14:15:50	17.66	51.10	33.61	8.31	8.04	4.3	2.450	106.6
973	8/12/2012 14:30:50	17.92	51.17	33.67	8.61	8.05	3.7	2.457	111.1
974	8/12/2012 14:45:50	18.26	51.31	33.77	8.82	8.07	4.0	2.467	114.6
975	8/12/2012 15:00:50	18.31	51.11	33.62	8.63	8.06	4.0	2.481	112.1
976	8/12/2012 15:15:50	17.76	51.29	33.75	8.22	8.04	3.8	2.511	105.8
977	8/12/2012 15:30:50	17.67	51.30	33.76	8.26	8.03	3.8	2.528	106.2
978	8/12/2012 15:45:50	17.59	51.22	33.70	8.17	8.03	3.8	2.556	104.8
979	8/12/2012 16:00:49	17.83	51.09	33.60	8.36	8.04	4.3	2.604	107.6
980	8/12/2012 16:15:50	17.69	51.19	33.68	8.37	8.04	4.3	2.633	107.6
981	8/12/2012 16:30:50	17.37	51.18	33.67	8.20	8.02	3.8	2.674	104.6
982	8/12/2012 16:45:50	17.08	51.13	33.63	7.90	8.00	3.9	2.732	100.2
983	8/12/2012 17:00:50	16.95	51.25	33.71	7.93	8.00	4.4	2.777	100.5
984	8/12/2012 17:15:50	16.74	51.21	33.69	7.93	8.00	4.5	2.833	100.0
985	8/12/2012 17:30:50	16.57	51.30	33.75	8.07	8.00	4.5	2.885	101.5
986	8/12/2012 17:45:50	15.80	51.20	33.66	7.91	7.97	4.3	2.938	97.9
987	8/12/2012 18:00:50	15.44	51.36	33.77	7.97	7.97	4.2	3.008	98.0
988	8/12/2012 18:15:50	15.23	51.33	33.74	8.01	7.97	4.0	3.058	98.1
989	8/12/2012 18:30:50	15.11	51.26	33.69	8.02	7.97	3.8	3.115	98.0
990	8/12/2012 18:45:50	14.97	51.31	33.72	8.08	7.97	4.0	3.181	98.5
991	8/12/2012 19:00:50	14.78	51.24	33.67	8.11	7.97	4.5	3.241	98.5
992	8/12/2012 19:15:50	14.55	51.17	33.60	8.11	7.97	4.5	3.285	97.9
993	8/12/2012 19:30:50	14.36	51.40	33.77	8.10	7.96	5.5	3.334	97.5
994	8/12/2012 19:45:50	14.11	51.21	33.62	8.10	7.96	5.6	3.383	96.9
995	8/12/2012 20:00:50	13.91	51.34	33.71	8.04	7.96	5.1	3.403	95.9
996	8/12/2012 20:15:50	13.83	51.36	33.72	8.00	7.95	4.0	3.438	95.3
997	8/12/2012 20:30:50	13.80	51.25	33.64	7.95	7.95	2.6	3.449	94.6
998	8/12/2012 20:45:50	13.99	51.35	33.72	7.76	7.93	4.3	3.455	92.8
999	8/12/2012 21:00:50	13.96	51.37	33.74	7.65	7.93	3.4	3.454	91.4
1000	8/12/2012 21:15:50	13.97	51.35	33.72	7.79	7.94	3.7	3.425	93.1
1001	8/12/2012 21:30:50	14.16	51.22	33.63	7.83	7.95	4.0	3.397	93.8
1002	8/12/2012 21:45:50	14.59	51.38	33.76	7.94	7.96	3.4	3.359	96.0
1003	8/12/2012 22:00:50	15.18	51.20	33.65	8.23	8.00	4.3	3.304	100.7
1004	8/12/2012 22:15:50	15.65	51.33	33.75	8.24	8.01	4.5	3.235	101.9
1005	8/12/2012 22:30:50	16.08	51.22	33.68	8.40	8.02	4.6	3.168	104.6
1006	8/12/2012 22:45:50	16.19	51.17	33.65	8.32	8.02	4.0	3.091	103.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1007	8/12/2012 23:00:50	16.26	51.22	33.68	8.25	8.02	4.4	3.011	103.1
1008	8/12/2012 23:15:50	16.49	51.27	33.72	8.18	8.02	4.0	2.940	102.7
1009	8/12/2012 23:30:50	16.72	51.29	33.74	8.03	8.01	4.6	2.845	101.3
1010	8/12/2012 23:45:50	16.92	51.22	33.69	8.01	8.01	5.0	2.759	101.4
1011	8/13/2012 0:00:50	17.23	51.17	33.66	7.91	8.01	4.6	2.686	100.7
1012	8/13/2012 0:15:50	17.30	51.34	33.79	7.76	8.00	4.1	2.580	99.0
1013	8/13/2012 0:30:50	17.48	51.22	33.69	7.75	8.01	4.5	2.491	99.1
1014	8/13/2012 0:45:50	17.42	51.23	33.70	7.86	8.01	7.3	2.396	100.5
1015	8/13/2012 1:00:50	17.87	51.27	33.74	8.04	8.04	6.0	2.297	103.7
1016	8/13/2012 1:15:50	17.61	51.22	33.70	7.69	8.03	6.4	2.200	98.7
1017	8/13/2012 1:30:50	17.79	51.31	33.76	7.82	8.03	5.1	2.101	100.8
1018	8/13/2012 1:45:50	17.74	51.38	33.82	7.67	8.01	5.4	2.007	98.7
1019	8/13/2012 2:00:50	17.97	51.31	33.77	7.67	8.03	4.5	1.911	99.1
1020	8/13/2012 2:15:50	17.97	51.33	33.78	7.54	8.02	4.5	1.818	97.5
1021	8/13/2012 2:30:50	18.17	51.28	33.75	7.56	8.03	5.3	1.739	98.1
1022	8/13/2012 2:45:50	18.40	51.29	33.76	7.72	8.04	4.3	1.676	100.6
1023	8/13/2012 3:00:50	18.59	51.34	33.79	7.85	8.06	4.5	1.611	102.6
1024	8/13/2012 3:15:50	18.73	51.35	33.80	8.02	8.08	4.2	1.564	105.1
1025	8/13/2012 3:30:50	19.04	51.19	33.69	8.36	8.11	4.0	1.553	110.2
1026	8/13/2012 3:45:50	19.07	51.27	33.74	8.32	8.11	3.9	1.530	109.8
1027	8/13/2012 4:00:50	18.90	51.30	33.77	8.13	8.09	4.0	1.532	107.0
1028	8/13/2012 4:15:50	18.98	51.15	33.65	8.38	8.11	3.7	1.562	110.2
1029	8/13/2012 4:30:50	18.92	51.37	33.81	8.29	8.10	4.2	1.571	109.2
1030	8/13/2012 4:45:50	18.85	51.33	33.79	8.29	8.10	4.3	1.635	108.9
1031	8/13/2012 5:00:50	18.84	51.36	33.81	8.36	8.10	4.4	1.682	109.8
1032	8/13/2012 5:15:50	18.78	51.21	33.70	8.32	8.10	5.2	1.730	109.1
1033	8/13/2012 5:30:50	18.86	51.24	33.72	8.16	8.08	5.8	1.783	107.1
1034	8/13/2012 5:45:50	18.79	51.16	33.66	8.18	8.08	5.0	1.850	107.3
1035	8/13/2012 6:00:49	18.79	51.03	33.57	8.13	8.08	5.7	1.905	106.6
1036	8/13/2012 6:15:49	18.75	51.09	33.61	8.06	8.07	5.9	1.962	105.7
1037	8/13/2012 6:30:50	18.75	51.17	33.67	8.03	8.07	5.9	2.037	105.3
1038	8/13/2012 6:45:50	18.62	51.18	33.68	8.04	8.07	5.7	2.092	105.2
1039	8/13/2012 7:00:50	18.42	51.13	33.64	7.98	8.06	5.8	2.168	104.0
1040	8/13/2012 7:15:50	18.23	51.16	33.66	7.91	8.05	5.9	2.228	102.6
1041	8/13/2012 7:30:50	17.91	51.26	33.73	7.79	8.03	5.4	2.298	100.5
1042	8/13/2012 7:45:50	17.67	51.21	33.69	7.82	8.03	5.2	2.373	100.4
1043	8/13/2012 8:00:50	17.54	51.32	33.77	7.77	8.02	5.1	2.437	99.6
1044	8/13/2012 8:15:50	17.40	51.28	33.74	7.78	8.02	5.1	2.499	99.4
1045	8/13/2012 8:30:50	17.29	51.19	33.67	7.79	8.02	5.0	2.560	99.4
1046	8/13/2012 8:45:50	17.22	51.25	33.72	7.78	8.01	5.2	2.621	99.1
1047	8/13/2012 9:00:50	17.02	51.35	33.79	7.73	8.01	4.7	2.673	98.2
1048	8/13/2012 9:15:50	16.88	51.18	33.66	7.70	8.00	4.5	2.723	97.4
1049	8/13/2012 9:30:50	16.68	51.11	33.61	7.68	7.99	4.8	2.779	96.8
1050	8/13/2012 9:45:50	16.54	51.26	33.72	7.63	7.99	4.5	2.820	96.0
1051	8/13/2012 10:00:50	16.33	51.28	33.73	7.64	7.98	4.6	2.867	95.7
1052	8/13/2012 10:15:50	16.19	51.25	33.70	7.63	7.98	4.9	2.894	95.3
1053	8/13/2012 10:30:50	16.04	51.14	33.62	7.64	7.98	4.2	2.930	95.1
1054	8/13/2012 10:45:50	15.92	51.31	33.74	7.64	7.97	4.2	2.949	94.9
1055	8/13/2012 11:00:50	16.28	51.21	33.67	7.69	7.98	4.1	2.949	96.1
1056	8/13/2012 11:15:50	16.03	51.10	33.59	7.34	7.96	3.7	2.963	91.3
1057	8/13/2012 11:30:50	15.94	51.26	33.70	7.46	7.96	4.1	2.934	92.7
1058	8/13/2012 11:45:50	16.00	51.23	33.69	7.49	7.96	4.0	2.904	93.2
1059	8/13/2012 12:00:50	16.17	51.13	33.62	7.51	7.97	4.5	2.868	93.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1060	8/13/2012 12:15:50	16.50	51.23	33.69	7.68	7.99	4.6	2.823	96.5
1061	8/13/2012 12:30:50	16.73	51.24	33.70	7.99	8.01	4.7	2.772	100.8
1062	8/13/2012 12:45:50	17.02	51.33	33.78	8.17	8.02	4.3	2.717	103.7
1063	8/13/2012 13:00:50	17.19	51.17	33.66	8.21	8.03	4.3	2.658	104.4
1064	8/13/2012 13:15:50	17.31	51.20	33.68	8.21	8.04	4.0	2.618	104.7
1065	8/13/2012 13:30:50	17.38	51.25	33.72	8.07	8.03	4.2	2.564	103.0
1066	8/13/2012 13:45:50	17.56	51.19	33.68	8.23	8.05	4.0	2.525	105.5
1067	8/13/2012 14:00:50	17.65	51.20	33.68	8.10	8.04	3.6	2.492	104.0
1068	8/13/2012 14:15:50	17.77	51.19	33.68	8.22	8.06	4.0	2.466	105.8
1069	8/13/2012 14:30:50	17.97	51.23	33.71	8.64	8.08	3.9	2.442	111.6
1070	8/13/2012 14:45:50	18.24	51.19	33.68	8.99	8.11	3.7	2.413	116.7
1071	8/13/2012 15:00:50	18.34	51.17	33.67	9.26	8.12	4.0	2.391	120.4
1072	8/13/2012 15:15:50	18.44	51.21	33.70	8.94	8.11	4.0	2.394	116.5
1073	8/13/2012 15:30:50	18.42	51.24	33.72	9.83	8.14	3.8	2.395	128.1
1074	8/13/2012 15:45:50	18.09	51.17	33.67	9.08	8.10	3.9	2.396	117.5
1075	8/13/2012 16:00:50	18.33	51.23	33.71	9.33	8.12	4.1	2.406	121.4
1076	8/13/2012 16:15:50	18.35	51.16	33.66	9.03	8.10	4.2	2.443	117.4
1077	8/13/2012 16:30:50	18.25	51.21	33.69	8.61	8.08	4.2	2.483	111.8
1078	8/13/2012 16:45:50	18.13	51.21	33.69	8.66	8.07	4.7	2.505	112.2
1079	8/13/2012 17:00:50	17.89	51.28	33.75	8.50	8.06	4.3	2.557	109.7
1080	8/13/2012 17:15:50	18.07	51.26	33.73	8.53	8.06	4.5	2.617	110.4
1081	8/13/2012 17:30:50	17.61	51.23	33.71	8.34	8.04	4.2	2.671	107.0
1082	8/13/2012 17:45:50	17.40	51.22	33.70	8.28	8.03	4.3	2.722	105.8
1083	8/13/2012 18:00:50	17.00	51.12	33.62	8.08	8.01	4.3	2.782	102.4
1084	8/13/2012 18:15:50	16.55	51.23	33.69	8.10	8.00	4.7	2.850	101.8
1085	8/13/2012 18:30:50	15.99	51.26	33.70	7.98	7.99	4.6	2.906	99.2
1086	8/13/2012 18:45:49	15.44	51.02	33.52	7.90	7.97	5.3	2.972	97.1
1087	8/13/2012 19:00:50	15.28	51.18	33.63	7.90	7.97	4.6	3.037	96.9
1088	8/13/2012 19:15:50	15.20	51.32	33.73	8.03	7.98	5.3	3.102	98.4
1089	8/13/2012 19:30:50	14.91	51.29	33.71	7.99	7.97	5.7	3.169	97.3
1090	8/13/2012 19:45:50	14.69	51.18	33.62	7.96	7.97	5.1	3.230	96.4
1091	8/13/2012 20:00:50	14.49	51.35	33.74	8.03	7.97	5.7	3.292	96.9
1092	8/13/2012 20:15:50	14.35	51.25	33.66	8.12	7.97	5.8	3.352	97.7
1093	8/13/2012 20:30:50	14.14	51.40	33.76	8.29	7.97	5.1	3.403	99.4
1094	8/13/2012 20:45:50	13.83	51.37	33.73	8.40	7.97	6.7	3.453	100.1
1095	8/13/2012 21:00:50	13.72	51.30	33.67	8.43	7.97	4.2	3.493	100.2
1096	8/13/2012 21:15:50	13.65	51.47	33.80	8.42	7.97	4.7	3.526	100.0
1097	8/13/2012 21:30:50	13.50	51.30	33.67	8.40	7.97	3.9	3.547	99.4
1098	8/13/2012 21:45:50	13.63	51.27	33.65	8.27	7.96	4.9	3.549	98.1
1099	8/13/2012 22:00:50	13.56	51.38	33.73	8.15	7.95	4.2	3.531	96.6
1100	8/13/2012 22:15:50	13.54	51.44	33.77	8.31	7.96	5.3	3.509	98.4
1101	8/13/2012 22:30:50	13.66	51.36	33.72	8.28	7.96	5.6	3.464	98.3
1102	8/13/2012 22:45:50	15.54	51.29	33.72	7.79	7.99	6.9	3.411	96.0
1103	8/13/2012 23:00:50	15.51	51.30	33.73	7.57	7.97	14.0	3.341	93.2
1104	8/13/2012 23:15:50	15.44	51.30	33.73	8.01	8.00	6.2	3.257	98.6
1105	8/13/2012 23:30:50	15.76	51.30	33.73	8.00	8.00	5.6	3.176	99.0
1106	8/13/2012 23:45:50	15.82	51.29	33.73	8.13	8.01	6.8	3.093	100.7
1107	8/14/2012 0:00:50	15.93	51.21	33.67	8.03	8.00	5.4	2.987	99.7
1108	8/14/2012 0:15:50	16.11	51.22	33.68	7.95	8.00	6.1	2.905	99.1
1109	8/14/2012 0:30:50	16.20	51.21	33.67	7.89	8.00	4.7	2.816	98.5
1110	8/14/2012 0:45:50	16.74	51.17	33.65	7.78	8.00	5.3	2.718	98.1
1111	8/14/2012 1:00:50	17.00	51.32	33.77	7.62	7.99	5.1	2.618	96.6
1112	8/14/2012 1:15:50	17.12	51.15	33.64	7.56	7.99	4.8	2.525	96.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1113	8/14/2012 1:30:50	17.31	51.17	33.66	7.78	8.02	6.2	2.426	99.2
1114	8/14/2012 1:45:50	17.53	51.27	33.74	7.97	8.04	8.2	2.303	102.1
1115	8/14/2012 2:00:50	16.77	51.36	33.79	7.31	7.98	6.5	2.197	92.4
1116	8/14/2012 2:15:50	17.45	51.38	33.81	7.78	8.02	6.5	2.093	99.5
1117	8/14/2012 2:30:50	17.28	51.32	33.77	7.60	8.00	9.4	1.978	96.9
1118	8/14/2012 2:45:50	17.63	51.26	33.73	7.60	8.02	6.7	1.875	97.6
1119	8/14/2012 3:00:49	17.83	51.21	33.69	7.68	8.03	9.0	1.773	99.0
1120	8/14/2012 3:15:50	18.00	51.37	33.81	7.66	8.04	9.3	1.673	99.1
1121	8/14/2012 3:30:50	18.34	51.27	33.74	7.82	8.05	11.9	1.601	101.8
1122	8/14/2012 3:45:50	18.59	51.30	33.76	7.95	8.07	10.2	1.530	103.9
1123	8/14/2012 4:00:50	18.82	51.29	33.76	8.07	8.09	5.1	1.463	105.9
1124	8/14/2012 4:15:50	19.07	51.37	33.81	8.25	8.11	4.6	1.445	108.9
1125	8/14/2012 4:30:49	19.22	51.25	33.73	8.44	8.13	4.3	1.428	111.6
1126	8/14/2012 4:45:49	19.03	51.07	33.59	8.06	8.10	5.0	1.434	106.1
1127	8/14/2012 5:00:50	19.15	51.42	33.85	8.50	8.13	4.0	1.445	112.4
1128	8/14/2012 5:15:50	19.07	51.30	33.76	8.46	8.12	4.1	1.499	111.6
1129	8/14/2012 5:30:50	19.05	51.35	33.80	8.60	8.13	4.6	1.558	113.4
1130	8/14/2012 5:45:50	18.99	51.27	33.74	8.55	8.13	5.4	1.612	112.6
1131	8/14/2012 6:00:50	19.02	51.24	33.72	8.31	8.11	6.9	1.687	109.6
1132	8/14/2012 6:15:50	19.04	51.05	33.58	8.13	8.10	6.5	1.755	107.1
1133	8/14/2012 6:30:50	18.95	51.16	33.66	8.11	8.09	6.4	1.825	106.7
1134	8/14/2012 6:45:50	18.89	51.02	33.56	8.09	8.09	5.7	1.890	106.2
1135	8/14/2012 7:00:49	18.75	50.99	33.54	8.15	8.08	5.5	1.963	106.7
1136	8/14/2012 7:15:50	18.59	51.11	33.62	8.16	8.08	5.2	2.040	106.6
1137	8/14/2012 7:30:50	18.42	51.15	33.66	8.07	8.07	5.1	2.103	105.1
1138	8/14/2012 7:45:50	18.11	51.14	33.64	7.98	8.05	5.4	2.184	103.4
1139	8/14/2012 8:00:50	17.91	51.23	33.71	7.85	8.04	5.9	2.263	101.3
1140	8/14/2012 8:15:50	17.64	51.21	33.70	7.77	8.03	5.8	2.333	99.7
1141	8/14/2012 8:30:50	17.50	51.30	33.76	7.75	8.02	5.7	2.412	99.2
1142	8/14/2012 8:45:50	17.37	51.29	33.75	7.78	8.02	6.1	2.492	99.3
1143	8/14/2012 9:00:50	17.32	51.28	33.74	7.77	8.02	5.9	2.567	99.2
1144	8/14/2012 9:15:50	17.13	51.19	33.67	7.76	8.02	6.4	2.630	98.6
1145	8/14/2012 9:30:50	16.84	51.26	33.72	7.71	8.00	5.5	2.704	97.5
1146	8/14/2012 9:45:50	16.67	51.15	33.64	7.64	7.99	5.7	2.769	96.3
1147	8/14/2012 10:00:50	16.43	51.16	33.64	7.62	7.99	6.2	2.834	95.5
1148	8/14/2012 10:15:50	16.04	51.15	33.63	7.70	7.98	6.5	2.894	95.8
1149	8/14/2012 10:30:50	15.84	51.33	33.76	7.72	7.98	6.1	2.946	95.8
1150	8/14/2012 10:45:50	15.70	51.21	33.67	7.75	7.98	5.6	2.998	95.8
1151	8/14/2012 11:00:50	15.36	51.26	33.69	7.82	7.97	5.6	3.042	96.0
1152	8/14/2012 11:15:50	14.98	51.26	33.68	7.89	7.97	5.3	3.076	96.1
1153	8/14/2012 11:30:50	14.73	51.17	33.61	7.96	7.97	4.8	3.090	96.5
1154	8/14/2012 11:45:50	14.81	51.10	33.56	7.71	7.95	3.6	3.109	93.6
1155	8/14/2012 12:00:50	14.83	51.33	33.73	7.85	7.96	4.6	3.105	95.5
1156	8/14/2012 12:15:50	14.87	51.22	33.65	7.81	7.96	4.6	3.080	94.9
1157	8/14/2012 12:30:50	15.19	51.16	33.62	7.75	7.96	4.8	3.030	94.8
1158	8/14/2012 12:45:50	15.64	51.28	33.72	7.73	7.97	5.6	2.986	95.4
1159	8/14/2012 13:00:50	15.92	51.10	33.59	7.77	7.98	5.7	2.930	96.4
1160	8/14/2012 13:15:50	16.32	51.21	33.67	8.03	8.01	5.0	2.865	100.4
1161	8/14/2012 13:30:50	16.82	51.28	33.73	8.33	8.03	4.9	2.803	105.3
1162	8/14/2012 13:45:50	17.12	51.07	33.58	8.36	8.04	4.8	2.736	106.2
1163	8/14/2012 14:00:49	17.45	51.14	33.64	8.56	8.06	4.2	2.687	109.4
1164	8/14/2012 14:15:50	17.70	51.29	33.75	8.59	8.07	4.7	2.631	110.5
1165	8/14/2012 14:30:50	17.94	51.23	33.71	8.79	8.08	4.4	2.570	113.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	8/14/2012 14:45:50	18.17	51.26	33.73	9.04	8.10	4.3	2.532	117.2
1167	8/14/2012 15:00:50	18.34	51.13	33.63	9.20	8.11	4.5	2.490	119.6
1168	8/14/2012 15:15:50	18.53	51.21	33.70	9.57	8.15	4.3	2.460	125.0
1169	8/14/2012 15:30:50	18.70	51.27	33.75	9.51	8.14	4.0	2.420	124.6
1170	8/14/2012 15:45:50	18.89	51.12	33.63	9.72	8.16	4.3	2.398	127.7
1171	8/14/2012 16:00:50	19.05	51.09	33.61	9.23	8.13	5.2	2.396	121.7
1172	8/14/2012 16:15:50	18.97	51.29	33.76	10.57	8.20	4.8	2.376	139.2
1173	8/14/2012 16:30:50	18.66	51.12	33.63	10.00	8.16	4.3	2.375	130.8
1174	8/14/2012 16:45:50	18.68	51.25	33.73	9.67	8.15	4.3	2.395	126.6
1175	8/14/2012 17:00:50	18.71	51.28	33.75	9.25	8.13	4.7	2.421	121.2
1176	8/14/2012 17:15:50	18.73	51.14	33.64	9.04	8.11	6.8	2.462	118.4
1177	8/14/2012 17:30:50	18.59	51.22	33.71	8.90	8.10	5.0	2.494	116.4
1178	8/14/2012 17:45:50	18.36	51.27	33.74	8.80	8.09	5.5	2.550	114.6
1179	8/14/2012 18:00:50	18.15	51.26	33.73	8.86	8.09	5.4	2.604	114.9
1180	8/14/2012 18:15:50	17.91	51.23	33.71	8.66	8.07	4.8	2.671	111.7
1181	8/14/2012 18:30:49	17.57	50.97	33.52	8.47	8.05	4.8	2.724	108.5
1182	8/14/2012 18:45:50	17.08	51.31	33.76	8.27	8.03	5.4	2.787	105.1
1183	8/14/2012 19:00:50	16.60	51.31	33.76	8.25	8.01	6.0	2.865	103.9
1184	8/14/2012 19:15:50	16.43	51.05	33.56	8.24	8.01	5.3	2.924	103.3
1185	8/14/2012 19:30:50	16.01	51.28	33.72	8.18	8.00	5.1	2.996	101.7
1186	8/14/2012 19:45:50	15.66	51.12	33.60	8.19	7.99	5.1	3.066	101.1
1187	8/14/2012 20:00:50	15.40	51.29	33.71	8.25	7.99	5.8	3.142	101.4
1188	8/14/2012 20:15:50	14.62	51.35	33.74	8.34	7.98	7.2	3.213	101.0
1189	8/14/2012 20:30:50	14.29	51.24	33.65	8.40	7.98	6.4	3.279	101.0
1190	8/14/2012 20:45:50	14.01	51.23	33.63	8.46	7.98	5.6	3.349	101.0
1191	8/14/2012 21:00:50	13.75	51.39	33.75	8.50	7.97	6.4	3.419	101.1
1192	8/14/2012 21:15:50	13.59	51.25	33.63	8.52	7.97	5.8	3.482	101.0
1193	8/14/2012 21:30:50	13.39	51.30	33.67	8.48	7.96	6.5	3.529	100.0
1194	8/14/2012 21:45:50	13.13	51.39	33.72	8.36	7.96	5.9	3.577	98.2
1195	8/14/2012 22:00:50	13.03	51.39	33.71	8.32	7.95	5.4	3.622	97.5
1196	8/14/2012 22:15:50	12.92	51.44	33.75	8.26	7.95	4.2	3.632	96.6
1197	8/14/2012 22:30:50	12.91	51.26	33.62	8.05	7.94	4.3	3.636	94.0
1198	8/14/2012 22:45:50	12.98	51.49	33.79	7.99	7.93	4.7	3.639	93.6
1199	8/14/2012 23:00:50	12.94	51.53	33.82	8.16	7.94	4.7	3.605	95.4
1200	8/14/2012 23:15:50	13.08	51.45	33.76	8.21	7.95	10.0	3.563	96.3
1201	8/14/2012 23:30:50	15.02	50.98	33.48	7.62	7.97	4.7	3.507	92.8
1202	8/14/2012 23:45:50	14.90	51.29	33.70	7.68	7.96	4.5	3.428	93.4
1203	8/15/2012 0:00:50	15.03	51.20	33.64	7.92	8.00	5.1	3.352	96.6
1204	8/15/2012 0:15:50	15.10	51.22	33.65	8.23	8.01	5.4	3.273	100.5
1205	8/15/2012 0:30:50	15.57	51.35	33.77	8.14	8.02	7.0	3.160	100.4
1206	8/15/2012 0:45:50	15.58	51.31	33.74	7.99	8.00	8.7	3.070	98.6
1207	8/15/2012 1:00:50	15.81	51.17	33.63	7.96	8.00	7.0	2.970	98.6
1208	8/15/2012 1:15:50	15.94	51.24	33.69	7.96	8.00	5.9	2.857	98.9
1209	8/15/2012 1:30:50	16.36	51.19	33.66	7.78	8.00	6.2	2.756	97.4
1210	8/15/2012 1:45:50	16.63	51.30	33.75	7.60	8.00	6.9	2.639	95.7
1211	8/15/2012 2:00:50	17.05	51.20	33.68	7.86	8.03	7.4	2.538	99.7
1212	8/15/2012 2:15:50	16.57	51.30	33.75	7.71	7.99	6.0	2.421	97.0
1213	8/15/2012 2:30:50	16.76	51.27	33.72	7.64	8.01	7.3	2.294	96.5
1214	8/15/2012 2:45:50	17.15	51.23	33.70	7.82	8.03	10.1	2.187	99.5
1215	8/15/2012 3:00:50	17.56	51.28	33.74	7.88	8.06	7.7	2.074	101.0
1216	8/15/2012 3:15:50	17.56	51.27	33.74	7.74	8.05	7.2	1.949	99.3
1217	8/15/2012 3:30:49	17.72	51.19	33.68	7.63	8.05	6.2	1.839	98.1
1218	8/15/2012 3:45:50	17.98	51.33	33.78	7.57	8.06	6.8	1.727	97.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
1219	8/15/2012 4:00:50	18.08	51.37	33.81	7.53	8.05	6.2	1.626	97.5
1220	8/15/2012 4:15:50	18.32	51.35	33.80	7.61	8.08	6.2	1.524	99.0
1221	8/15/2012 4:30:50	18.53	51.21	33.70	7.77	8.09	6.1	1.465	101.4
1222	8/15/2012 4:45:50	18.87	51.41	33.84	7.87	8.11	6.9	1.389	103.5
1223	8/15/2012 5:00:50	18.91	51.31	33.77	7.91	8.11	6.1	1.358	104.1
1224	8/15/2012 5:15:50	19.32	51.41	33.85	8.09	8.15	5.5	1.364	107.3
1225	8/15/2012 5:30:50	19.15	51.43	33.86	7.93	8.14	5.1	1.385	104.8
1226	8/15/2012 5:45:49	19.27	51.35	33.80	8.19	8.16	4.7	1.412	108.5
1227	8/15/2012 6:00:50	19.15	51.34	33.80	8.18	8.15	4.8	1.454	108.1
1228	8/15/2012 6:15:50	19.14	51.33	33.79	8.26	8.15	5.5	1.550	109.1
1229	8/15/2012 6:30:50	19.07	51.35	33.80	8.24	8.15	5.6	1.602	108.8
1230	8/15/2012 6:45:50	19.07	51.11	33.62	7.83	8.11	7.8	1.684	103.2
1231	8/15/2012 7:00:50	19.05	51.03	33.56	7.73	8.10	7.8	1.755	101.8
1232	8/15/2012 7:15:50	18.89	51.20	33.69	7.89	8.11	8.1	1.842	103.7
1233	8/15/2012 7:30:50	18.71	51.17	33.67	7.94	8.11	6.9	1.919	104.0
1234	8/15/2012 7:45:50	18.60	51.18	33.68	7.94	8.10	6.1	2.000	103.8
1235	8/15/2012 8:00:50	18.46	51.28	33.75	7.91	8.10	6.6	2.080	103.2
1236	8/15/2012 8:15:50	18.28	51.22	33.71	7.88	8.09	6.7	2.168	102.4
1237	8/15/2012 8:30:50	17.99	51.33	33.79	7.75	8.06	6.9	2.256	100.2
1238	8/15/2012 8:45:50	17.82	51.26	33.73	7.67	8.05	7.0	2.342	98.9
1239	8/15/2012 9:00:49	17.71	51.16	33.66	7.64	8.04	7.1	2.426	98.2
1240	8/15/2012 9:15:50	17.49	51.33	33.78	7.63	8.03	7.2	2.506	97.7
1241	8/15/2012 9:30:50	17.31	51.28	33.74	7.64	8.03	9.0	2.598	97.5
1242	8/15/2012 9:45:50	17.07	51.32	33.77	7.63	8.02	8.1	2.680	96.9
1243	8/15/2012 10:00:50	16.90	51.23	33.70	7.58	8.01	7.9	2.742	95.9
1244	8/15/2012 10:15:50	16.60	51.30	33.74	7.52	7.99	8.1	2.824	94.7
1245	8/15/2012 10:30:50	16.14	51.22	33.68	7.57	7.98	8.5	2.905	94.4
1246	8/15/2012 10:45:50	15.84	51.25	33.69	7.60	7.98	8.1	2.972	94.2
1247	8/15/2012 11:00:50	15.55	51.28	33.71	7.63	7.97	7.7	3.029	94.0
1248	8/15/2012 11:15:50	15.06	51.15	33.61	7.72	7.96	7.8	3.096	94.2
1249	8/15/2012 11:30:50	14.75	51.23	33.66	7.79	7.96	6.5	3.162	94.5
1250	8/15/2012 11:45:50	14.53	51.10	33.55	7.76	7.95	6.0	3.187	93.7
1251	8/15/2012 12:00:50	14.32	51.36	33.74	7.78	7.95	4.6	3.220	93.6
1252	8/15/2012 12:15:50	14.18	51.36	33.73	7.71	7.94	5.1	3.231	92.5
1253	8/15/2012 12:30:50	14.28	51.33	33.71	7.59	7.94	4.5	3.240	91.2
1254	8/15/2012 12:45:49	14.27	51.29	33.68	7.62	7.94	5.7	3.221	91.6
1255	8/15/2012 13:00:49	14.35	51.26	33.67	7.67	7.95	7.9	3.153	92.3
1256	8/15/2012 13:15:50	15.33	51.07	33.55	7.90	7.99	8.2	3.112	96.9
1257	8/15/2012 13:30:50	15.57	51.30	33.73	7.85	7.99	6.5	3.048	96.8
1258	8/15/2012 13:45:50	16.12	51.24	33.69	8.00	8.01	7.0	2.966	99.7
1259	8/15/2012 14:00:50	16.41	51.21	33.68	8.06	8.02	5.4	2.889	101.0
1260	8/15/2012 14:15:50	16.51	51.30	33.74	8.20	8.03	5.0	2.808	103.0
1261	8/15/2012 14:30:50	16.55	51.33	33.77	8.31	8.04	5.1	2.741	104.5
1262	8/15/2012 14:45:50	16.72	51.24	33.70	8.63	8.06	5.4	2.669	108.9
1263	8/15/2012 15:00:50	16.77	51.32	33.76	8.80	8.07	5.2	2.592	111.1
1264	8/15/2012 15:15:49	16.86	51.12	33.61	9.04	8.09	4.8	2.531	114.2
1265	8/15/2012 15:30:50	17.25	51.26	33.72	8.98	8.10	5.0	2.477	114.4
1266	8/15/2012 15:45:50	17.31	51.27	33.73	9.11	8.11	4.8	2.423	116.2
1267	8/15/2012 16:00:50	17.56	51.34	33.79	9.16	8.12	5.0	2.366	117.5
1268	8/15/2012 16:15:49	17.86	51.17	33.66	9.18	8.13	4.6	2.333	118.3
1269	8/15/2012 16:30:50	18.06	51.28	33.74	9.01	8.13	5.1	2.299	116.6
1270	8/15/2012 16:45:50	18.26	51.15	33.65	8.96	8.13	4.7	2.260	116.4
1271	8/15/2012 17:00:50	18.33	51.36	33.81	8.76	8.13	4.3	2.263	114.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH	NTU		
1272	8/15/2012 17:15:50	18.40	51.13	33.64	8.61	8.13	4.3	2.265	112.1
1273	8/15/2012 17:30:50	18.36	51.27	33.74	8.85	8.13	4.7	2.284	115.2
1274	8/15/2012 17:45:49	18.25	51.16	33.66	8.75	8.12	4.8	2.318	113.6
1275	8/15/2012 18:00:50	18.18	51.33	33.78	8.46	8.10	5.3	2.355	109.7
1276	8/15/2012 18:15:50	18.07	51.33	33.78	8.26	8.09	5.9	2.413	107.0
1277	8/15/2012 18:30:50	17.98	51.26	33.73	8.19	8.08	7.2	2.469	105.8
1278	8/15/2012 18:45:50	17.80	51.23	33.71	8.14	8.07	7.2	2.540	104.8
1279	8/15/2012 19:00:50	17.62	51.25	33.72	8.16	8.06	6.4	2.611	104.7
1280	8/15/2012 19:15:50	17.29	51.21	33.69	8.07	8.05	6.4	2.685	103.0
1281	8/15/2012 19:30:50	16.99	51.17	33.66	8.00	8.03	6.1	2.747	101.4
1282	8/15/2012 19:45:50	16.45	51.32	33.76	7.81	8.01	5.9	2.827	98.1
1283	8/15/2012 20:00:50	16.16	51.27	33.72	7.74	7.99	5.8	2.896	96.6
1284	8/15/2012 20:15:50	15.84	51.33	33.76	7.73	7.99	6.6	2.976	95.8
1285	8/15/2012 20:30:50	15.66	51.34	33.76	7.74	7.98	7.1	3.056	95.7
1286	8/15/2012 20:45:50	14.98	51.20	33.64	7.84	7.97	7.3	3.135	95.5
1287	8/15/2012 21:00:50	14.67	51.12	33.57	7.91	7.97	7.6	3.215	95.7
1288	8/15/2012 21:15:50	14.14	51.43	33.79	8.06	7.97	8.1	3.298	96.6
1289	8/15/2012 21:30:50	13.78	51.42	33.77	8.28	7.97	8.0	3.369	98.5
1290	8/15/2012 21:45:50	13.44	51.19	33.59	8.49	7.98	7.9	3.440	100.3
1291	8/15/2012 22:00:50	13.18	51.23	33.61	8.64	7.98	7.7	3.519	101.5
1292	8/15/2012 22:15:49	13.02	51.01	33.44	8.80	7.98	8.1	3.577	103.0
1293	8/15/2012 22:30:50	12.87	51.44	33.75	8.97	7.99	8.2	3.625	104.8
1294	8/15/2012 22:45:50	12.77	51.33	33.66	9.05	8.00	6.1	3.675	105.4
1295	8/15/2012 23:00:50	12.68	51.29	33.63	9.02	7.99	5.8	3.700	104.8
1296	8/15/2012 23:15:50	12.64	51.36	33.68	9.00	7.99	4.7	3.721	104.5
1297	8/15/2012 23:30:50	12.69	51.47	33.76	8.80	7.98	4.7	3.708	102.5
1298	8/15/2012 23:45:50	12.67	51.42	33.72	8.88	7.99	35.8	3.691	103.3
1299	8/16/2012 0:00:50	12.73	51.43	33.73	8.87	7.99	51.5	3.652	103.3
1300	8/16/2012 0:15:50	13.00	51.45	33.75	8.68	7.98	11.5	3.586	101.7
1301	8/16/2012 0:30:50	13.96	51.30	33.69	7.93	7.95	28.5	3.501	94.7
1302	8/16/2012 0:45:49	14.51	51.18	33.61	7.82	7.96	8.2	3.414	94.4
1303	8/16/2012 1:00:50	14.97	51.28	33.70	7.98	7.99	7.5	3.323	97.3
1304	8/16/2012 1:15:50	14.82	51.19	33.63	8.03	7.99	9.4	3.207	97.5
1305	8/16/2012 1:30:50	15.03	51.18	33.63	7.83	7.98	9.2	3.102	95.4
1306	8/16/2012 1:45:50	15.11	51.17	33.62	7.78	7.98	6.5	2.985	95.0
1307	8/16/2012 2:00:50	15.49	51.28	33.71	7.62	7.98	7.0	2.864	93.8
1308	8/16/2012 2:15:50	16.12	51.28	33.72	7.39	7.98	7.1	2.754	92.1
1309	8/16/2012 2:30:50	16.39	51.24	33.70	7.37	7.99	7.4	2.635	92.3
1310	8/16/2012 2:45:50	16.02	51.24	33.69	7.26	7.96	6.2	2.503	90.3
1311	8/16/2012 3:00:50	16.38	51.21	33.68	7.47	8.00	7.5	2.389	93.6
1312	8/16/2012 3:15:50	16.19	51.30	33.74	7.39	7.98	10.4	2.249	92.3
1313	8/16/2012 3:30:50	16.46	51.29	33.74	7.33	7.99	8.2	2.121	92.0
1314	8/16/2012 3:45:50	16.70	51.36	33.79	7.39	8.00	7.3	1.993	93.3
1315	8/16/2012 4:00:50	16.83	51.18	33.66	7.29	8.00	7.2	1.873	92.1
1316	8/16/2012 4:15:50	17.07	51.31	33.76	7.17	8.01	7.2	1.740	91.0
1317	8/16/2012 4:30:50	17.20	51.29	33.75	7.15	8.01	6.3	1.629	91.0
1318	8/16/2012 4:45:50	17.42	51.40	33.83	7.22	8.02	6.9	1.522	92.3
1319	8/16/2012 5:00:50	17.61	51.28	33.75	7.27	8.04	7.5	1.422	93.3
1320	8/16/2012 5:15:49	17.85	51.25	33.72	7.34	8.05	6.4	1.362	94.6
1321	8/16/2012 5:30:50	18.02	51.39	33.83	7.37	8.06	6.9	1.307	95.4
1322	8/16/2012 5:45:50	18.15	51.42	33.85	7.45	8.07	6.8	1.298	96.6
1323	8/16/2012 6:00:50	17.76	51.41	33.84	7.17	8.04	6.2	1.295	92.3
1324	8/16/2012 6:15:50	18.61	51.32	33.78	7.71	8.12	6.1	1.343	100.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1325	8/16/2012 6:30:50	18.43	51.37	33.82	7.65	8.11	6.2	1.396	99.8
1326	8/16/2012 6:45:50	18.50	51.36	33.81	7.73	8.12	6.6	1.455	101.0
1327	8/16/2012 7:00:50	18.42	51.34	33.79	7.71	8.11	6.3	1.561	100.5
1328	8/16/2012 7:15:50	18.25	50.99	33.54	7.35	8.06	9.7	1.635	95.3
1329	8/16/2012 7:30:50	18.21	51.02	33.55	7.29	8.06	11.1	1.724	94.5
1330	8/16/2012 7:45:50	18.17	51.09	33.61	7.41	8.07	8.5	1.798	96.1
1331	8/16/2012 8:00:49	18.01	50.93	33.49	7.44	8.06	8.1	1.895	96.1
1332	8/16/2012 8:15:49	17.92	51.10	33.62	7.42	8.06	8.3	1.989	95.8
1333	8/16/2012 8:30:50	17.84	51.24	33.72	7.40	8.05	7.6	2.059	95.3
1334	8/16/2012 8:45:50	17.61	51.23	33.70	7.37	8.04	7.1	2.160	94.6
1335	8/16/2012 9:00:50	17.33	51.22	33.70	7.30	8.02	8.3	2.264	93.2
1336	8/16/2012 9:15:50	17.23	51.23	33.70	7.26	8.01	8.3	2.353	92.5
1337	8/16/2012 9:30:50	17.06	51.23	33.70	7.26	8.01	8.0	2.439	92.2
1338	8/16/2012 9:45:50	16.84	51.32	33.76	7.28	8.00	8.1	2.540	92.1
1339	8/16/2012 10:00:50	16.63	51.22	33.69	7.34	8.00	8.6	2.626	92.4
1340	8/16/2012 10:15:50	16.46	51.26	33.72	7.34	7.99	9.1	2.718	92.1
1341	8/16/2012 10:30:50	16.32	51.25	33.71	7.31	7.98	9.5	2.799	91.5
1342	8/16/2012 10:45:50	15.92	51.15	33.62	7.41	7.98	10.6	2.881	91.9
1343	8/16/2012 11:00:50	15.58	51.17	33.63	7.48	7.97	10.6	2.967	92.2
1344	8/16/2012 11:15:50	15.26	51.28	33.71	7.55	7.96	9.4	3.034	92.5
1345	8/16/2012 11:30:50	14.67	51.24	33.66	7.81	7.96	11.0	3.117	94.5
1346	8/16/2012 11:45:49	14.30	51.08	33.53	8.02	7.97	10.4	3.174	96.3
1347	8/16/2012 12:00:49	14.01	51.16	33.58	8.16	7.97	9.7	3.239	97.5
1348	8/16/2012 12:15:50	13.90	51.34	33.71	8.22	7.98	10.3	3.285	98.0
1349	8/16/2012 12:30:50	13.91	51.21	33.61	8.23	7.98	6.8	3.317	98.2
1350	8/16/2012 12:45:50	13.79	51.21	33.61	8.20	7.97	7.6	3.341	97.5
1351	8/16/2012 13:00:50	14.03	51.39	33.75	8.09	7.97	5.6	3.323	96.8
1352	8/16/2012 13:15:50	13.91	51.39	33.74	8.08	7.97	6.2	3.307	96.4
1353	8/16/2012 13:30:50	13.95	51.21	33.62	8.08	7.97	6.4	3.261	96.5
1354	8/16/2012 13:45:50	14.95	51.04	33.52	8.35	8.00	8.9	3.187	101.6
1355	8/16/2012 14:00:50	15.30	51.21	33.66	8.27	8.01	7.7	3.121	101.4
1356	8/16/2012 14:15:50	15.84	51.19	33.66	8.34	8.03	8.4	3.030	103.4
1357	8/16/2012 14:30:50	16.11	51.14	33.62	8.53	8.04	7.9	2.944	106.3
1358	8/16/2012 14:45:50	16.41	51.21	33.68	8.40	8.04	7.6	2.846	105.3
1359	8/16/2012 15:00:50	16.72	51.21	33.68	8.41	8.05	7.0	2.761	106.0
1360	8/16/2012 15:15:50	17.01	51.27	33.73	8.25	8.05	7.5	2.695	104.7
1361	8/16/2012 15:30:50	17.31	51.21	33.69	8.21	8.05	6.8	2.608	104.7
1362	8/16/2012 15:45:50	17.51	51.17	33.66	8.35	8.06	31.6	2.519	106.8
1363	8/16/2012 16:00:50	17.75	51.27	33.74	9.00	8.10	25.2	2.455	115.8
1364	8/16/2012 16:15:50	17.80	51.25	33.72	9.45	8.13	19.1	2.388	121.7
1365	8/16/2012 16:30:50	17.87	51.26	33.73	9.01	8.11	5.6	2.315	116.2
1366	8/16/2012 16:45:50	17.99	51.24	33.72	9.68	8.15	5.3	2.256	125.1
1367	8/16/2012 17:00:50	18.05	51.26	33.73	9.82	8.15	5.1	2.206	127.1
1368	8/16/2012 17:15:50	18.18	51.22	33.70	9.93	8.16	4.7	2.162	128.8
1369	8/16/2012 17:30:50	18.25	51.17	33.67	10.76	8.20	4.6	2.131	139.7
1370	8/16/2012 17:45:50	18.26	51.30	33.76	11.30	8.23	4.5	2.117	146.8
1371	8/16/2012 18:00:50	18.24	51.23	33.71	10.54	8.19	4.8	2.125	136.9
1372	8/16/2012 18:15:50	18.52	51.27	33.74	9.70	8.16	4.3	2.145	126.6
1373	8/16/2012 18:30:50	18.45	51.18	33.68	9.33	8.14	10.4	2.183	121.6
1374	8/16/2012 18:45:50	18.54	51.20	33.69	8.90	8.12	7.1	2.231	116.2
1375	8/16/2012 19:00:50	18.43	51.18	33.67	8.77	8.11	6.3	2.301	114.3
1376	8/16/2012 19:15:50	18.32	51.25	33.73	8.63	8.10	14.9	2.378	112.2
1377	8/16/2012 19:30:50	18.28	51.21	33.69	8.54	8.09	8.3	2.446	110.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
1378	8/16/2012 19:45:50	17.89	51.26	33.73	8.63	8.08	8.3	2.536	111.3
1379	8/16/2012 20:00:50	17.66	51.30	33.76	8.59	8.08	7.0	2.608	110.4
1380	8/16/2012 20:15:50	17.34	51.20	33.68	8.42	8.06	7.4	2.689	107.4
1381	8/16/2012 20:30:50	16.56	51.25	33.71	8.06	8.02	6.8	2.774	101.3
1382	8/16/2012 20:45:50	16.36	51.24	33.70	7.96	8.01	7.1	2.851	99.6
1383	8/16/2012 21:00:50	16.16	51.22	33.68	7.97	8.01	7.2	2.937	99.4
1384	8/16/2012 21:15:50	15.94	51.29	33.72	7.98	8.00	6.8	3.018	99.2
1385	8/16/2012 21:30:50	15.49	51.22	33.67	8.05	7.99	7.9	3.113	99.1
1386	8/16/2012 21:45:50	15.10	51.31	33.72	8.09	7.99	8.6	3.186	98.9
1387	8/16/2012 22:00:50	14.66	51.33	33.73	8.24	7.98	9.9	3.276	99.8
1388	8/16/2012 22:15:50	13.95	51.38	33.74	8.40	7.97	9.6	3.364	100.3
1389	8/16/2012 22:30:50	13.61	51.31	33.68	8.43	7.96	9.5	3.445	100.0
1390	8/16/2012 22:45:50	13.34	51.26	33.63	8.50	7.96	8.7	3.521	100.2
1391	8/16/2012 23:00:50	13.17	51.30	33.66	8.55	7.96	8.9	3.586	100.5
1392	8/16/2012 23:15:50	12.71	51.39	33.70	8.63	7.95	8.5	3.651	100.5
1393	8/16/2012 23:30:50	12.51	51.43	33.72	8.64	7.94	6.4	3.691	100.2
1394	8/16/2012 23:45:50	12.45	51.36	33.67	8.61	7.94	4.9	3.722	99.7
1395	8/17/2012 0:00:50	12.45	51.37	33.68	8.44	7.92	4.5	3.747	97.7
1396	8/17/2012 0:15:50	12.48	51.16	33.53	8.39	7.92	4.2	3.736	97.0
1397	8/17/2012 0:30:50	12.48	51.32	33.64	8.43	7.93	3.9	3.706	97.6
1398	8/17/2012 0:45:50	12.64	51.43	33.73	8.42	7.93	5.7	3.658	97.8
1399	8/17/2012 1:00:50	13.43	51.39	33.73	8.11	7.93	7.6	3.596	95.8
1400	8/17/2012 1:15:50	13.87	51.14	33.56	7.90	7.93	5.8	3.512	94.1
1401	8/17/2012 1:30:50	14.11	51.40	33.76	7.90	7.95	7.8	3.394	94.7
1402	8/17/2012 1:45:50	15.01	51.35	33.75	8.03	7.99	8.7	3.298	97.9
1403	8/17/2012 2:00:50	14.96	51.42	33.80	8.05	7.99	9.0	3.175	98.2
1404	8/17/2012 2:15:50	15.08	51.30	33.72	7.98	7.98	7.8	3.069	97.5
1405	8/17/2012 2:30:50	15.30	51.34	33.75	7.92	7.98	7.0	2.947	97.1
1406	8/17/2012 2:45:50	15.89	51.29	33.73	7.72	7.99	8.1	2.822	95.8
1407	8/17/2012 3:00:50	16.34	51.28	33.73	7.69	8.00	8.8	2.715	96.3
1408	8/17/2012 3:15:50	16.43	51.31	33.75	7.53	7.99	7.3	2.582	94.5
1409	8/17/2012 3:30:50	15.87	51.17	33.64	7.54	7.97	7.0	2.451	93.5
1410	8/17/2012 3:45:50	16.01	51.01	33.52	7.60	7.98	7.3	2.315	94.4
1411	8/17/2012 4:00:50	16.35	51.36	33.79	7.46	7.99	7.9	2.188	93.5
1412	8/17/2012 4:15:50	16.59	51.32	33.76	7.56	8.00	7.8	2.058	95.1
1413	8/17/2012 4:30:50	16.76	51.37	33.80	7.44	8.00	9.2	1.920	94.0
1414	8/17/2012 4:45:50	17.08	51.28	33.74	7.44	8.01	8.1	1.784	94.6
1415	8/17/2012 5:00:50	17.12	51.27	33.73	7.28	8.00	8.3	1.654	92.6
1416	8/17/2012 5:15:50	17.37	51.31	33.77	7.39	8.02	7.2	1.548	94.5
1417	8/17/2012 5:30:50	17.48	51.26	33.72	7.43	8.02	6.9	1.429	95.1
1418	8/17/2012 5:45:50	17.71	51.38	33.82	7.59	8.04	6.6	1.345	97.6
1419	8/17/2012 6:00:50	18.01	51.34	33.79	7.64	8.06	6.3	1.297	98.9
1420	8/17/2012 6:15:50	18.05	51.35	33.80	7.71	8.07	6.0	1.253	99.8
1421	8/17/2012 6:30:50	17.77	51.35	33.79	7.46	8.04	6.2	1.269	96.1
1422	8/17/2012 6:45:50	18.41	51.28	33.75	7.94	8.10	5.6	1.300	103.5
1423	8/17/2012 7:00:50	18.48	51.32	33.78	8.04	8.11	5.9	1.347	104.9
1424	8/17/2012 7:15:50	18.52	51.33	33.78	8.15	8.12	6.2	1.426	106.4
1425	8/17/2012 7:30:50	18.49	51.41	33.85	8.14	8.12	5.8	1.511	106.3
1426	8/17/2012 7:45:50	18.42	51.26	33.74	7.85	8.09	7.8	1.601	102.3
1427	8/17/2012 8:00:50	18.43	50.97	33.52	7.61	8.06	9.5	1.688	99.1
1428	8/17/2012 8:15:50	18.34	51.09	33.61	7.74	8.07	9.2	1.791	100.6
1429	8/17/2012 8:30:50	18.12	51.21	33.69	7.75	8.07	8.7	1.871	100.4
1430	8/17/2012 8:45:50	18.01	51.29	33.75	7.72	8.06	7.9	1.969	99.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1431	8/17/2012 9:00:50	17.91	51.27	33.74	7.69	8.06	7.8	2.069	99.2
1432	8/17/2012 9:15:50	17.61	51.31	33.77	7.58	8.04	8.3	2.165	97.3
1433	8/17/2012 9:30:50	17.36	51.24	33.71	7.51	8.02	8.2	2.268	95.9
1434	8/17/2012 9:45:50	17.25	51.23	33.71	7.46	8.01	8.1	2.362	95.1
1435	8/17/2012 10:00:50	17.04	51.30	33.75	7.48	8.01	8.4	2.467	95.0
1436	8/17/2012 10:15:50	16.79	51.23	33.70	7.50	8.00	9.4	2.565	94.7
1437	8/17/2012 10:30:50	16.63	51.28	33.73	7.54	8.00	9.4	2.658	94.9
1438	8/17/2012 10:45:50	16.46	51.25	33.71	7.52	7.99	9.6	2.753	94.4
1439	8/17/2012 11:00:50	16.26	51.27	33.72	7.50	7.98	10.0	2.837	93.8
1440	8/17/2012 11:15:50	15.77	51.20	33.66	7.62	7.97	11.5	2.931	94.3
1441	8/17/2012 11:30:50	15.41	51.23	33.67	7.69	7.97	11.4	3.016	94.5
1442	8/17/2012 11:45:50	14.83	51.31	33.72	7.81	7.95	12.4	3.097	94.9
1443	8/17/2012 12:00:50	14.18	51.28	33.68	8.04	7.95	11.3	3.174	96.4
1444	8/17/2012 12:15:50	13.86	51.08	33.52	8.18	7.95	10.1	3.248	97.4
1445	8/17/2012 12:30:50	13.62	51.31	33.68	8.27	7.95	9.0	3.315	98.1
1446	8/17/2012 12:45:50	13.50	51.09	33.52	8.30	7.95	8.1	3.366	98.0
1447	8/17/2012 13:00:50	13.41	51.34	33.69	8.31	7.95	6.8	3.411	98.1
1448	8/17/2012 14:00:50	13.55	51.44	33.77	7.95	7.94	27.2	3.146	94.2
1449	8/17/2012 14:15:50	14.00	51.31	33.69	8.37	7.96	6.5	3.107	100.1
1450	8/17/2012 14:30:50	14.79	51.38	33.77	8.70	8.00	9.0	3.008	105.7
1451	8/17/2012 14:45:50	15.29	51.37	33.77	8.80	8.02	8.0	2.908	108.0
1452	8/17/2012 15:00:50	15.37	51.27	33.70	8.98	8.03	7.8	2.814	110.3
1453	8/17/2012 15:15:49	15.74	51.08	33.57	8.96	8.04	7.0	2.722	110.7
1454	8/17/2012 15:30:49	16.37	51.33	33.77	8.83	8.05	6.4	2.619	110.6
1455	8/17/2012 15:45:50	16.79	51.28	33.74	8.65	8.06	8.1	2.513	109.2
1456	8/17/2012 16:00:50	16.79	51.31	33.76	9.30	8.10	6.5	2.433	117.5
1457	8/17/2012 16:15:50	16.95	51.38	33.81	9.20	8.10	6.2	2.340	116.6
1458	8/17/2012 16:30:50	16.85	51.17	33.65	9.89	8.13	6.6	2.248	125.0
1459	8/17/2012 16:45:49	16.87	51.21	33.68	10.29	8.15	5.6	2.157	130.1
1460	8/17/2012 17:00:49	17.04	51.22	33.69	10.51	8.16	5.1	2.075	133.4
1461	8/17/2012 17:15:50	17.13	51.23	33.70	10.74	8.18	4.6	2.001	136.5
1462	8/17/2012 17:30:50	17.36	51.29	33.75	10.67	8.18	4.8	1.928	136.2
1463	8/17/2012 17:45:50	17.50	51.33	33.78	10.99	8.21	4.7	1.866	140.8
1464	8/17/2012 18:00:50	17.78	51.29	33.75	10.55	8.19	4.4	1.826	135.8
1465	8/17/2012 18:15:49	18.08	51.35	33.80	10.08	8.18	4.3	1.803	130.5
1466	8/17/2012 18:30:49	18.18	51.24	33.72	9.75	8.16	4.3	1.789	126.5
1467	8/17/2012 18:45:50	18.27	51.39	33.83	9.59	8.16	4.2	1.788	124.7
1468	8/17/2012 19:00:50	18.27	51.36	33.81	9.76	8.17	4.5	1.832	126.9
1469	8/17/2012 19:15:50	18.25	51.38	33.82	9.13	8.14	5.1	1.884	118.7
1470	8/17/2012 19:30:50	18.30	51.34	33.79	9.02	8.13	6.2	1.937	117.3
1471	8/17/2012 19:45:50	18.11	51.32	33.78	8.91	8.12	6.8	2.012	115.4
1472	8/17/2012 20:00:49	18.24	51.11	33.62	8.67	8.10	8.9	2.101	112.5
1473	8/17/2012 20:15:50	17.94	51.12	33.63	8.70	8.09	8.6	2.187	112.2
1474	8/17/2012 20:30:49	17.72	51.18	33.67	8.67	8.09	8.1	2.268	111.5
1475	8/17/2012 20:45:50	17.41	51.30	33.76	8.55	8.07	8.3	2.355	109.3
1476	8/17/2012 21:00:50	16.95	51.27	33.73	8.31	8.04	8.2	2.441	105.3
1477	8/17/2012 21:15:50	16.61	51.32	33.76	8.06	8.02	6.9	2.527	101.4
1478	8/17/2012 21:30:50	16.34	51.34	33.77	8.00	8.00	7.1	2.613	100.2
1479	8/17/2012 21:45:50	16.09	51.27	33.71	8.00	8.00	7.1	2.693	99.6
1480	8/17/2012 22:00:50	15.90	51.32	33.75	8.05	8.00	7.8	2.779	99.9
1481	8/17/2012 22:15:50	15.37	51.34	33.75	8.13	7.99	8.6	2.868	99.9
1482	8/17/2012 22:30:50	15.08	51.29	33.71	8.19	7.98	8.1	2.961	100.0
1483	8/17/2012 22:45:50	14.57	51.22	33.64	8.34	7.97	9.4	3.051	100.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
1484	8/17/2012 23:00:50	14.06	51.34	33.72	8.40	7.96	10.8	3.143	100.5
1485	8/17/2012 23:15:50	13.72	51.36	33.72	8.48	7.96	9.0	3.234	100.8
1486	8/17/2012 23:30:50	13.24	51.31	33.67	8.57	7.95	9.4	3.317	100.8
1487	8/17/2012 23:45:50	12.88	51.46	33.76	8.64	7.94	7.9	3.387	101.0
1488	8/18/2012 0:00:50	12.70	51.36	33.68	8.67	7.94	8.0	3.452	100.9
1489	8/18/2012 0:15:50	12.55	51.33	33.65	8.73	7.94	8.6	3.505	101.2
1490	8/18/2012 0:30:50	12.48	51.36	33.67	8.71	7.94	8.3	3.538	100.9
1491	8/18/2012 0:45:50	12.99	51.28	33.64	8.42	7.94	5.0	3.552	98.6
1492	8/18/2012 1:00:50	12.66	51.46	33.75	8.40	7.92	3.7	3.545	97.6
1493	8/18/2012 1:15:50	12.51	51.36	33.67	8.55	7.93	4.9	3.522	99.1
1494	8/18/2012 1:30:50	12.87	51.31	33.65	8.33	7.93	4.6	3.461	97.3
1495	8/18/2012 1:45:49	12.96	51.17	33.55	8.36	7.93	5.6	3.384	97.8
1496	8/18/2012 2:00:49	13.94	51.38	33.74	7.86	7.92	6.1	3.285	93.8
1497	8/18/2012 2:15:50	13.88	51.29	33.67	7.96	7.93	6.5	3.180	94.9
1498	8/18/2012 2:30:50	14.49	51.32	33.71	8.02	7.96	8.7	3.072	96.8
1499	8/18/2012 2:45:50	14.56	51.34	33.73	8.08	7.96	8.2	2.952	97.7
1500	8/18/2012 3:00:50	14.78	51.40	33.78	8.01	7.96	7.3	2.826	97.3
1501	8/18/2012 3:15:50	15.34	51.39	33.79	7.79	7.97	7.3	2.713	95.7
1502	8/18/2012 3:30:50	15.85	51.38	33.79	7.65	7.98	6.7	2.594	95.0
1503	8/18/2012 3:45:50	16.27	51.31	33.75	7.65	7.99	6.8	2.462	95.6
1504	8/18/2012 4:00:50	15.89	51.21	33.67	7.53	7.97	6.1	2.328	93.4
1505	8/18/2012 4:15:50	15.85	51.33	33.76	7.54	7.97	8.2	2.206	93.6
1506	8/18/2012 4:30:50	15.70	51.09	33.57	7.60	7.96	7.2	2.080	93.9
1507	8/18/2012 4:45:50	16.19	51.33	33.76	7.62	7.99	8.9	1.940	95.1
1508	8/18/2012 5:00:50	16.23	51.24	33.70	7.53	7.98	7.7	1.802	94.1
1509	8/18/2012 5:15:50	16.33	51.03	33.54	7.37	7.97	7.4	1.674	92.2
1510	8/18/2012 5:30:50	16.59	51.28	33.73	7.31	7.98	7.2	1.546	91.9
1511	8/18/2012 5:45:50	16.72	51.35	33.78	7.31	7.98	6.7	1.423	92.2
1512	8/18/2012 6:00:50	16.99	51.08	33.59	7.44	8.01	7.9	1.309	94.3
1513	8/18/2012 6:15:50	17.14	51.17	33.65	7.47	8.02	8.8	1.223	94.9
1514	8/18/2012 6:30:49	17.36	51.25	33.72	7.52	8.03	7.3	1.149	96.0
1515	8/18/2012 6:45:50	17.54	51.34	33.79	7.58	8.04	6.5	1.111	97.1
1516	8/18/2012 7:00:50	17.61	51.29	33.75	7.66	8.05	5.6	1.086	98.3
1517	8/18/2012 7:15:50	17.44	51.25	33.72	7.54	8.04	5.9	1.111	96.4
1518	8/18/2012 7:30:50	17.91	51.33	33.78	7.90	8.09	10.0	1.147	102.0
1519	8/18/2012 7:45:50	17.94	51.34	33.79	7.93	8.10	5.3	1.225	102.5
1520	8/18/2012 8:00:49	18.02	51.29	33.75	7.99	8.10	5.6	1.313	103.4
1521	8/18/2012 8:15:50	17.93	51.29	33.75	7.92	8.09	5.7	1.391	102.3
1522	8/18/2012 8:30:50	17.90	51.07	33.59	7.52	8.05	8.1	1.511	97.0
1523	8/18/2012 8:45:50	17.85	51.01	33.55	7.46	8.04	8.2	1.593	96.0
1524	8/18/2012 9:00:49	17.66	51.12	33.62	7.59	8.05	7.8	1.688	97.5
1525	8/18/2012 9:15:50	17.53	51.25	33.72	7.53	8.04	7.6	1.787	96.5
1526	8/18/2012 9:30:50	17.43	51.16	33.65	7.54	8.04	8.2	1.883	96.3
1527	8/18/2012 9:45:50	17.18	51.22	33.69	7.51	8.02	7.3	1.991	95.6
1528	8/18/2012 10:00:50	16.96	51.19	33.67	7.47	8.01	7.3	2.085	94.6
1529	8/18/2012 10:15:50	16.85	51.24	33.70	7.46	8.00	7.2	2.194	94.3
1530	8/18/2012 10:30:50	16.69	51.06	33.57	7.50	7.99	7.6	2.293	94.4
1531	8/18/2012 10:45:50	16.44	51.14	33.63	7.50	7.98	8.4	2.398	94.1
1532	8/18/2012 11:00:50	16.24	51.12	33.61	7.54	7.98	8.6	2.498	94.2
1533	8/18/2012 11:15:50	16.10	51.11	33.60	7.55	7.98	9.2	2.591	94.1
1534	8/18/2012 11:30:50	15.72	51.16	33.63	7.65	7.97	10.5	2.696	94.5
1535	8/18/2012 11:45:50	15.33	51.09	33.57	7.73	7.96	12.1	2.789	94.8
1536	8/18/2012 12:00:50	14.77	51.14	33.59	7.80	7.95	10.5	2.884	94.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH	NTU		
1537	8/18/2012 12:15:50	14.05	51.10	33.54	7.92	7.93	10.0	2.971	94.6
1538	8/18/2012 12:30:50	13.66	51.26	33.65	8.05	7.93	8.0	3.059	95.5
1539	8/18/2012 12:45:50	13.42	51.07	33.50	8.14	7.93	8.7	3.144	96.0
1540	8/18/2012 13:00:50	13.25	51.17	33.56	8.19	7.93	7.0	3.210	96.3
1541	8/18/2012 13:15:50	13.02	51.27	33.62	8.25	7.93	5.1	3.271	96.6
1542	8/18/2012 13:30:50	12.86	51.10	33.49	8.31	7.93	6.7	3.321	96.9
1543	8/18/2012 13:45:50	12.69	51.17	33.54	8.38	7.93	4.0	3.351	97.4
1544	8/18/2012 14:00:50	12.94	51.16	33.54	8.39	7.93	4.7	3.341	98.0
1545	8/18/2012 14:15:50	12.77	51.28	33.63	8.35	7.93	5.0	3.323	97.2
1546	8/18/2012 14:30:50	12.92	50.98	33.41	8.30	7.93	5.5	3.276	96.8
1547	8/18/2012 14:45:50	13.81	51.24	33.64	8.72	7.98	6.8	3.193	103.8
1548	8/18/2012 15:00:50	14.88	51.42	33.80	9.22	8.03	9.3	3.097	112.2
1549	8/18/2012 15:15:50	14.68	51.38	33.76	9.40	8.03	7.2	2.992	114.0
1550	8/18/2012 15:30:50	15.16	51.38	33.78	8.92	8.02	12.1	2.884	109.2
1551	8/18/2012 15:45:50	15.75	51.48	33.86	8.85	8.03	8.4	2.785	109.6
1552	8/18/2012 16:00:50	16.13	51.53	33.91	8.93	8.05	7.5	2.667	111.4
1553	8/18/2012 16:15:50	16.66	51.56	33.94	8.96	8.06	8.5	2.566	113.1
1554	8/18/2012 16:30:50	16.89	51.57	33.95	8.94	8.07	7.5	2.467	113.3
1555	8/18/2012 16:45:50	16.95	51.26	33.72	9.03	8.07	7.0	2.363	114.4
1556	8/18/2012 17:00:50	17.15	51.22	33.69	9.36	8.09	6.9	2.266	119.0
1557	8/18/2012 17:15:50	17.04	51.26	33.73	10.35	8.14	5.8	2.166	131.3
1558	8/18/2012 17:30:50	16.85	51.27	33.73	10.98	8.18	5.6	2.062	138.9
1559	8/18/2012 17:45:50	17.06	51.27	33.73	10.49	8.16	5.5	1.975	133.2
1560	8/18/2012 18:00:50	17.39	51.24	33.71	10.21	8.16	5.5	1.887	130.4
1561	8/18/2012 18:15:50	17.71	51.33	33.78	10.45	8.18	5.4	1.790	134.4
1562	8/18/2012 18:30:49	17.72	51.09	33.60	10.62	8.21	5.0	1.730	136.5
1563	8/18/2012 18:45:50	17.96	51.35	33.80	10.31	8.19	5.1	1.697	133.2
1564	8/18/2012 19:00:50	18.27	51.30	33.76	9.91	8.18	5.6	1.646	128.8
1565	8/18/2012 19:15:50	18.51	51.34	33.80	9.80	8.17	5.4	1.642	127.9
1566	8/18/2012 19:30:50	18.45	51.36	33.80	9.52	8.16	4.7	1.662	124.1
1567	8/18/2012 19:45:50	18.71	51.38	33.82	9.51	8.17	4.8	1.686	124.7
1568	8/18/2012 20:00:50	18.62	51.26	33.74	9.41	8.16	6.2	1.747	123.1
1569	8/18/2012 20:15:50	18.62	51.32	33.78	9.40	8.15	6.4	1.810	122.9
1570	8/18/2012 20:30:50	18.66	51.15	33.65	9.17	8.13	7.4	1.898	119.9
1571	8/18/2012 20:45:49	18.88	51.11	33.63	8.94	8.11	9.7	1.991	117.5
1572	8/18/2012 21:00:50	18.35	51.19	33.68	9.04	8.11	11.3	2.083	117.6
1573	8/18/2012 21:15:50	18.08	51.23	33.71	9.03	8.10	7.6	2.181	116.9
1574	8/18/2012 21:30:50	17.80	51.31	33.76	9.00	8.09	9.1	2.265	116.0
1575	8/18/2012 21:45:50	17.28	51.26	33.73	8.58	8.05	13.1	2.354	109.4
1576	8/18/2012 22:00:50	16.91	51.35	33.79	8.27	8.02	17.5	2.446	104.7
1577	8/18/2012 22:15:50	16.68	51.30	33.75	8.21	8.01	16.2	2.529	103.4
1578	8/18/2012 22:30:50	16.41	51.31	33.75	8.18	8.00	12.0	2.612	102.6
1579	8/18/2012 22:45:50	16.20	51.30	33.74	8.21	8.00	9.7	2.701	102.5
1580	8/18/2012 23:00:50	15.73	51.18	33.65	8.28	7.99	11.3	2.789	102.4
1581	8/18/2012 23:15:50	15.46	51.33	33.75	8.31	7.99	12.5	2.879	102.3
1582	8/18/2012 23:30:50	14.95	51.24	33.67	8.40	7.98	8.9	2.968	102.3
1583	8/18/2012 23:45:50	14.52	51.29	33.69	8.45	7.97	13.1	3.054	102.0
1584	8/19/2012 0:00:50	14.04	51.30	33.69	8.50	7.96	12.2	3.142	101.7
1585	8/19/2012 0:15:50	13.53	51.17	33.57	8.54	7.95	11.5	3.233	101.0
1586	8/19/2012 0:30:50	13.10	51.25	33.61	8.60	7.94	11.2	3.299	100.8
1587	8/19/2012 0:45:50	12.97	51.34	33.68	8.62	7.94	11.4	3.366	100.8
1588	8/19/2012 1:00:50	12.85	51.32	33.66	8.64	7.94	15.9	3.426	100.8
1589	8/19/2012 1:15:50	12.72	51.31	33.64	8.67	7.94	15.4	3.461	100.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1590	8/19/2012 1:30:50	12.86	51.08	33.48	8.54	7.94	22.4	3.475	99.5
1591	8/19/2012 1:45:50	12.82	51.42	33.73	8.42	7.93	6.7	3.471	98.2
1592	8/19/2012 2:00:50	12.83	51.15	33.53	8.55	7.93	4.8	3.441	99.6
1593	8/19/2012 2:15:50	12.94	51.33	33.67	8.43	7.93	4.4	3.384	98.6
1594	8/19/2012 2:30:50	13.16	51.30	33.66	8.39	7.93	6.8	3.297	98.6
1595	8/19/2012 2:45:50	14.01	51.30	33.68	7.97	7.92	5.8	3.209	95.3
1596	8/19/2012 3:00:50	14.45	51.23	33.65	7.97	7.94	6.3	3.102	96.1
1597	8/19/2012 3:15:50	14.97	51.29	33.71	7.98	7.96	8.6	2.990	97.3
1598	8/19/2012 3:30:50	14.90	51.24	33.67	8.05	7.96	7.1	2.868	97.9
1599	8/19/2012 3:45:50	15.54	51.27	33.70	7.80	7.96	6.2	2.761	96.1
1600	8/19/2012 4:00:50	15.89	51.18	33.65	7.81	7.97	6.5	2.645	96.9
1601	8/19/2012 4:15:50	16.16	51.17	33.64	7.73	7.98	9.5	2.521	96.4
1602	8/19/2012 4:30:50	16.50	51.32	33.76	7.65	7.99	7.4	2.403	96.1
1603	8/19/2012 4:45:50	16.16	51.31	33.75	7.55	7.96	6.4	2.284	94.2
1604	8/19/2012 5:00:50	16.18	51.15	33.63	7.87	7.99	7.0	2.148	98.1
1605	8/19/2012 5:15:50	16.07	51.34	33.76	7.82	7.98	7.3	2.022	97.5
1606	8/19/2012 5:30:50	16.39	51.29	33.74	7.79	7.99	7.3	1.886	97.7
1607	8/19/2012 5:45:50	16.52	51.32	33.76	7.71	7.99	7.1	1.759	96.9
1608	8/19/2012 6:00:50	16.66	51.26	33.72	7.53	7.98	6.8	1.628	94.8
1609	8/19/2012 6:15:50	16.88	51.35	33.79	7.50	7.99	6.9	1.513	94.9
1610	8/19/2012 6:30:50	17.28	51.33	33.78	7.69	8.02	6.7	1.403	98.1
1611	8/19/2012 6:45:50	17.37	51.32	33.77	7.66	8.02	6.1	1.298	97.8
1612	8/19/2012 7:00:50	17.54	51.33	33.78	7.73	8.03	6.6	1.235	99.1
1613	8/19/2012 7:15:50	17.67	51.21	33.69	7.76	8.03	6.5	1.188	99.7
1614	8/19/2012 7:30:50	17.83	51.37	33.81	7.83	8.05	6.1	1.161	100.9
1615	8/19/2012 7:45:50	17.41	51.31	33.77	7.55	8.01	5.5	1.173	96.6
1616	8/19/2012 8:00:50	17.76	51.25	33.72	7.84	8.05	5.5	1.211	100.9
1617	8/19/2012 8:15:49	17.93	51.17	33.66	7.91	8.06	5.4	1.279	102.1
1618	8/19/2012 8:30:50	18.11	51.31	33.77	8.01	8.08	5.7	1.342	103.8
1619	8/19/2012 8:45:49	18.06	51.30	33.76	7.99	8.08	5.8	1.455	103.5
1620	8/19/2012 9:00:50	18.10	51.18	33.67	7.56	8.04	8.5	1.544	97.9
1621	8/19/2012 9:15:50	18.06	51.14	33.64	7.56	8.04	8.8	1.632	97.8
1622	8/19/2012 9:30:50	17.83	51.25	33.73	7.72	8.05	8.4	1.745	99.5
1623	8/19/2012 9:45:50	17.68	51.29	33.75	7.68	8.04	7.9	1.834	98.7
1624	8/19/2012 10:00:50	17.57	51.28	33.74	7.71	8.03	8.1	1.938	98.8
1625	8/19/2012 10:15:50	17.24	51.15	33.64	7.70	8.02	7.5	2.042	98.0
1626	8/19/2012 10:30:50	17.02	51.23	33.70	7.69	8.01	7.8	2.135	97.5
1627	8/19/2012 10:45:50	16.93	51.30	33.75	7.67	8.00	7.5	2.246	97.1
1628	8/19/2012 11:00:49	16.73	50.96	33.50	7.72	7.99	7.5	2.349	97.3
1629	8/19/2012 11:15:50	16.46	51.28	33.73	7.71	7.98	7.8	2.448	96.7
1630	8/19/2012 11:30:50	16.23	51.33	33.76	7.75	7.98	9.1	2.547	96.9
1631	8/19/2012 11:45:50	16.10	51.17	33.65	7.78	7.98	9.6	2.643	96.9
1632	8/19/2012 12:00:50	15.77	51.23	33.68	7.82	7.97	10.6	2.742	96.8
1633	8/19/2012 12:15:50	15.30	51.04	33.53	7.95	7.96	11.2	2.837	97.4
1634	8/19/2012 12:30:50	14.55	51.15	33.59	8.05	7.95	12.8	2.929	97.2
1635	8/19/2012 12:45:50	13.95	51.22	33.62	8.19	7.94	9.5	3.021	97.8
1636	8/19/2012 13:00:50	13.51	51.24	33.62	8.34	7.94	8.2	3.109	98.7
1637	8/19/2012 13:15:50	13.26	51.39	33.72	8.42	7.94	9.7	3.194	99.2
1638	8/19/2012 13:30:50	12.93	51.30	33.65	8.48	7.94	18.3	3.269	99.1
1639	8/19/2012 13:45:50	12.69	51.18	33.55	8.53	7.94	10.5	3.332	99.2
1640	8/19/2012 14:00:50	12.61	51.33	33.65	8.57	7.94	15.1	3.379	99.6
1641	8/19/2012 14:15:50	12.48	51.29	33.62	8.57	7.94	21.9	3.404	99.2
1642	8/19/2012 14:30:50	12.89	51.32	33.66	8.54	7.94	5.4	3.417	99.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1643	8/19/2012 14:45:50	12.64	51.29	33.63	8.48	7.93	4.0	3.387	98.5
1644	8/19/2012 15:00:50	12.84	51.26	33.61	8.47	7.94	10.3	3.325	98.8
1645	8/19/2012 15:15:50	13.10	51.08	33.49	8.53	7.95	7.8	3.263	100.0
1646	8/19/2012 15:30:50	14.45	51.28	33.69	9.14	8.01	7.2	3.169	110.2
1647	8/19/2012 15:45:50	14.27	51.33	33.72	9.43	8.02	6.8	3.050	113.3
1648	8/19/2012 16:00:50	15.02	51.19	33.63	8.91	8.02	8.2	2.948	108.7
1649	8/19/2012 16:15:50	15.24	51.29	33.72	8.88	8.02	7.3	2.842	108.8
1650	8/19/2012 16:30:50	15.69	51.30	33.73	8.99	8.03	7.2	2.717	111.1
1651	8/19/2012 16:45:50	16.38	51.12	33.61	9.03	8.06	7.8	2.604	113.1
1652	8/19/2012 17:00:50	16.54	51.16	33.65	8.80	8.05	7.6	2.509	110.5
1653	8/19/2012 17:15:50	16.85	51.26	33.72	9.12	8.08	7.0	2.400	115.4
1654	8/19/2012 17:30:50	16.96	51.24	33.71	9.63	8.11	5.8	2.278	122.0
1655	8/19/2012 17:45:50	16.67	51.15	33.64	9.10	8.07	6.2	2.175	114.6
1656	8/19/2012 18:00:50	16.67	51.24	33.70	9.26	8.08	5.9	2.070	116.7
1657	8/19/2012 18:15:50	16.73	51.12	33.61	9.99	8.13	6.0	1.959	126.0
1658	8/19/2012 18:30:50	16.88	51.24	33.71	9.61	8.11	6.1	1.845	121.6
1659	8/19/2012 18:45:50	17.06	51.33	33.77	9.60	8.12	6.1	1.752	121.9
1660	8/19/2012 19:00:50	17.20	51.31	33.76	9.56	8.13	5.8	1.673	121.7
1661	8/19/2012 19:15:50	17.28	51.19	33.67	9.48	8.14	5.9	1.587	120.9
1662	8/19/2012 19:30:50	17.56	51.29	33.75	9.26	8.13	6.2	1.525	118.7
1663	8/19/2012 19:45:49	17.90	51.15	33.65	9.08	8.12	6.4	1.505	117.1
1664	8/19/2012 20:00:50	18.11	51.29	33.76	8.94	8.12	6.1	1.497	115.9
1665	8/19/2012 20:15:49	17.93	51.16	33.66	8.98	8.12	5.7	1.497	115.8
1666	8/19/2012 20:30:50	18.24	51.34	33.79	9.03	8.13	5.3	1.548	117.3
1667	8/19/2012 20:45:50	18.13	51.26	33.73	8.98	8.12	5.5	1.615	116.4
1668	8/19/2012 21:00:49	18.19	51.13	33.64	9.02	8.13	5.9	1.683	117.0
1669	8/19/2012 21:15:50	18.04	51.26	33.73	8.89	8.11	7.0	1.770	115.0
1670	8/19/2012 21:30:50	18.29	51.19	33.68	8.68	8.10	8.6	1.868	112.8
1671	8/19/2012 21:45:50	18.06	51.17	33.67	8.75	8.09	8.3	1.958	113.2
1672	8/19/2012 22:00:50	17.79	51.21	33.69	8.74	8.08	7.4	2.047	112.6
1673	8/19/2012 22:15:50	17.63	51.11	33.62	8.77	8.08	7.1	2.132	112.5
1674	8/19/2012 22:30:50	17.29	51.15	33.64	8.66	8.06	7.4	2.226	110.4
1675	8/19/2012 22:45:50	16.86	51.25	33.71	8.33	8.03	7.4	2.323	105.4
1676	8/19/2012 23:00:50	16.73	51.15	33.64	8.25	8.02	6.5	2.399	104.0
1677	8/19/2012 23:15:50	16.56	51.22	33.69	8.22	8.01	6.5	2.486	103.4
1678	8/19/2012 23:30:50	16.32	51.23	33.69	8.21	8.00	7.2	2.581	102.8
1679	8/19/2012 23:45:50	16.03	51.12	33.61	8.26	8.00	7.9	2.666	102.7
1680	8/20/2012 0:00:50	15.77	51.26	33.70	8.28	7.99	7.6	2.747	102.6
1681	8/20/2012 0:15:50	15.55	51.18	33.64	8.31	7.99	8.6	2.834	102.4
1682	8/20/2012 0:30:50	14.91	51.17	33.62	8.45	7.98	8.2	2.926	102.8
1683	8/20/2012 0:45:50	14.46	51.10	33.56	8.49	7.98	8.6	3.004	102.4
1684	8/20/2012 1:00:50	13.84	51.30	33.68	8.55	7.96	8.5	3.084	101.8
1685	8/20/2012 1:15:50	13.42	51.09	33.51	8.57	7.96	6.4	3.164	101.1
1686	8/20/2012 1:30:50	13.13	51.13	33.53	8.61	7.95	5.7	3.234	100.9
1687	8/20/2012 1:45:50	13.07	51.16	33.55	8.58	7.95	5.2	3.285	100.6
1688	8/20/2012 2:00:50	12.91	51.24	33.60	8.59	7.95	7.5	3.319	100.3
1689	8/20/2012 2:15:50	12.87	51.29	33.64	8.57	7.95	4.5	3.352	100.1
1690	8/20/2012 2:30:50	13.41	51.10	33.52	8.35	7.94	4.7	3.345	98.4
1691	8/20/2012 2:45:50	12.97	51.24	33.60	8.52	7.95	4.2	3.312	99.6
1692	8/20/2012 3:00:50	13.21	51.27	33.64	8.37	7.94	4.5	3.275	98.4
1693	8/20/2012 3:15:50	14.29	51.18	33.61	7.99	7.94	5.6	3.205	96.0
1694	8/20/2012 3:30:50	14.44	51.27	33.67	8.07	7.95	7.0	3.106	97.3
1695	8/20/2012 3:45:50	14.59	51.28	33.69	7.98	7.95	6.8	3.001	96.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1696	8/20/2012 4:00:50	15.25	51.21	33.65	7.73	7.95	6.8	2.895	94.7
1697	8/20/2012 4:15:50	15.55	51.28	33.71	7.60	7.95	6.5	2.787	93.7
1698	8/20/2012 4:30:50	15.98	51.24	33.69	7.48	7.96	6.4	2.664	93.0
1699	8/20/2012 4:45:50	16.37	51.17	33.65	7.35	7.96	6.3	2.556	92.1
1700	8/20/2012 5:00:50	16.48	51.26	33.71	7.39	7.97	6.4	2.443	92.8
1701	8/20/2012 5:15:50	16.71	51.29	33.74	7.01	7.95	5.7	2.326	88.4
1702	8/20/2012 5:30:50	16.48	51.28	33.73	7.20	7.96	6.2	2.206	90.5
1703	8/20/2012 5:45:50	16.20	51.35	33.78	7.12	7.94	6.2	2.088	89.0
1704	8/20/2012 6:00:50	16.08	51.14	33.62	7.31	7.95	6.5	1.972	91.0
1705	8/20/2012 6:15:50	16.19	51.26	33.71	7.33	7.96	6.6	1.848	91.5
1706	8/20/2012 6:30:50	16.27	51.29	33.73	7.35	7.96	6.7	1.727	91.9
1707	8/20/2012 6:45:50	16.43	51.31	33.75	7.32	7.96	6.2	1.613	91.8
1708	8/20/2012 7:00:50	16.63	51.33	33.77	7.39	7.98	7.9	1.515	93.1
1709	8/20/2012 7:15:50	16.76	51.27	33.73	7.49	7.99	6.6	1.425	94.6
1710	8/20/2012 7:30:50	16.96	51.33	33.77	7.53	8.00	6.2	1.345	95.5
1711	8/20/2012 7:45:50	17.06	51.25	33.71	7.60	8.01	6.2	1.293	96.5
1712	8/20/2012 8:00:50	17.23	51.24	33.71	7.61	8.02	6.6	1.279	96.9
1713	8/20/2012 8:15:50	17.01	51.32	33.76	7.45	8.00	6.4	1.278	94.6
1715	8/20/2012 8:45:50	17.38	51.31	33.76	7.56	8.03	39.6	1.543	96.5
1716	8/20/2012 9:00:50	17.44	51.29	33.75	7.72	8.05	5.6	1.602	98.7
1717	8/20/2012 9:15:50	17.41	51.42	33.85	7.71	8.05	6.2	1.679	98.6
1718	8/20/2012 9:30:50	17.35	51.22	33.70	7.52	8.03	8.7	1.777	96.0
1719	8/20/2012 9:45:50	17.34	51.13	33.63	7.26	8.00	10.6	1.871	92.6
1720	8/20/2012 10:00:50	17.17	51.12	33.62	7.41	8.01	8.6	1.969	94.3
1721	8/20/2012 10:15:50	17.04	51.21	33.69	7.43	8.00	8.1	2.058	94.3
1722	8/20/2012 10:30:50	16.96	51.28	33.73	7.46	8.00	7.2	2.168	94.5
1723	8/20/2012 10:45:50	16.76	51.26	33.72	7.49	8.00	8.6	2.260	94.6
1724	8/20/2012 11:00:50	16.58	51.31	33.75	7.55		7.3	2.359	95.0
1725	8/20/2012 11:15:50	16.45	50.99	33.52	7.64		7.0	2.459	95.7
1726	8/20/2012 11:30:50	16.37	51.32	33.76	7.68		7.2	2.561	96.2
1727	8/20/2012 11:45:50	16.15	51.27	33.72	7.73		7.9	2.659	96.4
1728	8/20/2012 12:00:50	15.86	51.20	33.66	7.77		8.7	2.753	96.4
1729	8/20/2012 12:15:50	15.71	51.22	33.67	7.83		9.2	2.852	96.8
1730	8/20/2012 12:30:50	15.25	51.00	33.50	7.94		11.2	2.949	97.2
1731	8/20/2012 12:45:50	14.81	51.18	33.62	8.06		9.9	3.049	97.8
1732	8/20/2012 13:00:50	14.08	51.15	33.57	8.19		9.2	3.143	98.0
1733	8/20/2012 13:15:50	13.47	51.24	33.62	8.31		8.3	3.243	98.2
1734	8/20/2012 13:30:50	13.12	51.28	33.64	8.43		7.3	3.336	99.0
1735	8/20/2012 13:45:50	12.98	51.17	33.55	8.51		6.7	3.421	99.5
1736	8/20/2012 14:00:50	12.88	51.25	33.61	8.54		5.8	3.503	99.7
1737	8/20/2012 14:15:50	12.64	51.17	33.54	8.59		5.5	3.566	99.8
1738	8/20/2012 14:30:50	12.39	51.32	33.64	8.66		5.3	3.622	100.1
1739	8/20/2012 14:45:50	12.28	51.40	33.69	8.67		4.5	3.651	100.0
1740	8/20/2012 15:00:50	12.80	51.23	33.59	8.73		4.8	3.657	101.8
Mean		16.08	51.23	33.68	8.03	8.01	6.41	2.56	100.05
Minimum		10.95	50.76	33.36	6.18	7.81	2.40	1.02	75.90
Maximum		19.32	52.01	34.18	11.87	8.29	51.50	3.80	149.40

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	

pH probe broke during deployment

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	8/20/2012 15:46:33	12.64	51.48	33.77	8.45	7.96	5.6	3.635	98.3
1	8/20/2012 16:01:33	13.64	51.44	33.77	8.90	8.02	8.1	3.549	105.7
2	8/20/2012 16:16:33	13.67	51.43	33.77	9.27	8.05	7.6	3.438	110.1
3	8/20/2012 16:31:33	14.49	51.39	33.76	8.93	8.05	8.9	3.332	107.8
4	8/20/2012 16:46:33	14.59	51.37	33.75	8.84	8.04	8.4	3.211	106.9
5	8/20/2012 17:01:33	14.91	51.32	33.73	8.80	8.05	7.4	3.103	107.1
6	8/20/2012 17:16:33	15.43	51.26	33.69	8.89	8.07	6.8	2.989	109.3
7	8/20/2012 17:31:33	16.00	51.22	33.68	8.78	8.08	8.3	2.872	109.2
8	8/20/2012 17:46:33	16.09	50.33	33.03	8.76	8.07	7.5	2.762	108.7
9	8/20/2012 18:01:33	16.29	50.20	32.93	8.92	8.09	7.5	2.648	111.1
10	8/20/2012 18:16:33	16.03	50.27	32.98	9.00	8.10	6.3	2.532	111.5
11	8/20/2012 18:31:33	15.79	50.30	33.00	9.05	8.09	5.9	2.418	111.7
12	8/20/2012 18:46:33	15.98	50.18	32.92	9.49	8.11	7.1	2.295	117.4
13	8/20/2012 19:01:33	16.34	49.99	32.78	8.93	8.10	7.2	2.187	111.1
14	8/20/2012 19:16:33	16.35	50.02	32.80	9.13	8.11	6.5	2.083	113.7
15	8/20/2012 19:31:33	16.58	49.97	32.77	9.14	8.12	7.0	1.975	114.3
16	8/20/2012 19:46:33	16.69	49.81	32.66	9.03	8.12	7.1	1.883	113.1
17	8/20/2012 20:01:33	16.99	49.79	32.64	8.84	8.12	7.6	1.810	111.4
18	8/20/2012 20:16:33	17.16	49.74	32.61	8.63	8.11	6.8	1.753	109.1
19	8/20/2012 20:31:33	17.49	49.66	32.55	8.52	8.12	6.1	1.714	108.3
20	8/20/2012 20:46:33	17.93	49.53	32.46	8.66	8.14	5.3	1.705	110.9
21	8/20/2012 21:01:33	17.67	49.61	32.52	8.65	8.13	5.9	1.730	110.4
22	8/20/2012 21:16:33	17.99	49.56	32.48	8.87	8.15	5.3	1.771	113.8
23	8/20/2012 21:31:33	17.97	49.57	32.49	8.84	8.14	5.6	1.815	113.4
24	8/20/2012 21:46:33	17.98	49.77	32.64	8.88	8.15	5.6	1.897	114.0
25	8/20/2012 22:01:33	17.93	49.67	32.56	8.72	8.13	6.8	1.989	111.8
26	8/20/2012 22:16:33	18.15	49.50	32.44	8.40	8.10	8.7	2.073	108.0
27	8/20/2012 22:31:33	17.89	49.66	32.56	8.50	8.11	7.9	2.166	108.9
28	8/20/2012 22:46:33	17.59	49.80	32.66	8.53	8.10	7.1	2.253	108.7
29	8/20/2012 23:01:33	17.44	49.85	32.69	8.52	8.10	6.8	2.338	108.3
30	8/20/2012 23:16:33	17.23	49.84	32.69	8.54	8.09	7.2	2.427	108.1
31	8/20/2012 23:31:33	16.75	50.05	32.83	8.35	8.06	6.5	2.506	104.8
32	8/20/2012 23:46:33	16.61	50.10	32.87	8.26	8.05	6.4	2.593	103.4
33	8/21/2012 0:01:33	16.50	50.06	32.84	8.22	8.04	6.5	2.675	102.7
34	8/21/2012 0:16:33	16.32	50.19	32.92	8.19	8.04	6.4	2.751	102.0
35	8/21/2012 0:31:33	16.09	50.31	33.01	8.18	8.03	6.5	2.835	101.5
36	8/21/2012 0:46:33	15.84	51.23	33.68	8.17	8.02	6.5	2.914	101.3
37	8/21/2012 1:01:33	15.66	51.22	33.67	8.16	8.02	6.7	2.992	100.8
38	8/21/2012 1:16:33	15.29	51.24	33.67	8.23	8.01	7.4	3.073	100.9
39	8/21/2012 1:31:33	14.93	51.25	33.68	8.30	8.01	7.3	3.154	101.0
40	8/21/2012 1:46:33	14.60	51.29	33.69	8.32	8.00	6.4	3.222	100.7
41	8/21/2012 2:01:33	14.21	51.32	33.71	8.37	8.00	6.5	3.291	100.4
42	8/21/2012 2:16:33	13.59	51.38	33.73	8.39	7.98	6.0	3.360	99.4
43	8/21/2012 2:31:33	13.28	51.40	33.74	8.36	7.98	5.0	3.414	98.5
44	8/21/2012 2:46:33	13.07	51.38	33.71	8.37	7.98	4.4	3.456	98.2
45	8/21/2012 3:01:33	12.95	51.40	33.72	8.32	7.97	3.8	3.487	97.4
46	8/21/2012 3:16:33	13.57	51.39	33.74	8.12	7.98	4.5	3.484	96.2
47	8/21/2012 3:31:33	13.04	51.41	33.73	8.15	7.97	4.1	3.475	95.6
48	8/21/2012 3:46:33	13.01	51.38	33.71	8.23	7.97	4.3	3.439	96.4
49	8/21/2012 4:01:33	13.20	51.40	33.73	8.16	7.97	5.3	3.374	96.0
50	8/21/2012 4:16:33	14.88	51.25	33.67	7.65	7.98	6.7	3.296	93.0
51	8/21/2012 4:31:33	14.58	51.28	33.69	7.89	7.99	6.7	3.212	95.4
52	8/21/2012 4:46:33	14.97	51.23	33.66	7.66	7.98	6.5	3.114	93.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
53	8/21/2012 5:01:33	15.39	50.28	32.97	7.65	7.99	7.0	3.008	93.6
54	8/21/2012 5:16:33	15.64	50.16	32.89	7.57	8.00	7.3	2.903	93.0
55	8/21/2012 5:31:33	15.99	50.05	32.82	7.41	7.99	6.8	2.798	91.7
56	8/21/2012 5:46:33	16.22	49.99	32.78	7.33	8.00	6.5	2.699	91.1
57	8/21/2012 6:01:33	16.37	51.44	33.85	7.07	7.98	6.4	2.590	88.7
58	8/21/2012 6:16:33	16.35	49.89	32.71	7.19	7.99	6.2	2.483	89.5
59	8/21/2012 6:31:33	16.34	49.96	32.76	7.26	7.99	6.7	2.384	90.4
60	8/21/2012 6:46:33	16.16	49.94	32.74	7.31	8.00	6.5	2.271	90.6
61	8/21/2012 7:01:33	16.22	49.99	32.78	7.52	8.01	7.0	2.159	93.4
62	8/21/2012 7:16:33	16.15	50.05	32.82	7.33	7.98	6.4	2.071	90.9
63	8/21/2012 7:31:33	16.23	51.45	33.85	7.09	7.98	5.6	1.963	88.7
64	8/21/2012 7:46:33	16.31	49.96	32.76	7.13	7.97	5.5	1.888	88.7
65	8/21/2012 8:01:33	16.55	49.94	32.75	7.26	8.00	5.2	1.826	90.8
66	8/21/2012 8:16:33	16.79	51.47	33.87	7.26	8.02	4.8	1.762	91.8
67	8/21/2012 8:31:33	17.00	49.78	32.64	7.40	8.03	4.4	1.742	93.3
68	8/21/2012 8:46:33	17.16	49.77	32.63	7.54	8.05	4.3	1.732	95.3
69	8/21/2012 9:01:33	16.99	49.76	32.62	7.44	8.03	4.5	1.748	93.7
70	8/21/2012 9:16:33	17.20	49.73	32.60	7.62	8.05	4.3	1.783	96.3
71	8/21/2012 9:31:33	17.13	49.86	32.69	7.63	8.05	4.9	1.838	96.4
72	8/21/2012 9:46:33	17.19	49.88	32.71	7.68	8.06	5.1	1.904	97.2
73	8/21/2012 10:01:33	17.11	49.93	32.75	7.69	8.05	5.4	1.988	97.1
74	8/21/2012 10:16:33	17.16	49.95	32.76	7.34	8.02	7.9	2.085	92.9
75	8/21/2012 10:31:33	17.04	50.01	32.80	7.35	8.02	7.7	2.173	92.7
76	8/21/2012 10:46:33	16.86	50.13	32.89	7.46	8.02	7.3	2.265	93.8
77	8/21/2012 11:01:33	16.71	50.17	32.92	7.49	8.01	6.4	2.355	94.0
78	8/21/2012 11:16:33	16.64	50.23	32.96	7.52	8.01	6.7	2.446	94.2
79	8/21/2012 11:31:33	16.40	51.22	33.68	7.59	8.01	6.2	2.540	95.1
80	8/21/2012 11:46:33	16.27	51.22	33.69	7.68	8.01	6.4	2.629	96.0
81	8/21/2012 12:01:33	16.18	51.26	33.71	7.73	8.01	6.4	2.721	96.4
82	8/21/2012 12:16:33	16.02	51.23	33.69	7.80	8.00	7.5	2.820	97.0
83	8/21/2012 12:31:33	15.74	51.25	33.69	7.82	8.00	7.8	2.903	96.8
84	8/21/2012 12:46:33	15.47	51.28	33.71	7.87	7.99	7.8	2.994	96.8
85	8/21/2012 13:01:33	15.28	51.26	33.69	7.91	7.99	8.1	3.096	97.0
86	8/21/2012 13:16:33	14.66	51.26	33.68	8.11	7.98	9.5	3.183	98.1
87	8/21/2012 13:31:33	14.20	51.33	33.71	8.22	7.98	9.0	3.283	98.7
88	8/21/2012 13:46:33	13.64	51.37	33.72	8.30	7.97	9.4	3.379	98.4
89	8/21/2012 14:01:33	12.89	51.43	33.74	8.44	7.97	7.9	3.469	98.7
90	8/21/2012 14:16:33	12.58	51.46	33.75	8.51	7.97	6.7	3.559	98.8
91	8/21/2012 14:31:33	12.43	51.47	33.75	8.55	7.97	5.8	3.635	99.0
92	8/21/2012 14:46:33	12.34	51.48	33.75	8.61	7.98	4.8	3.706	99.4
93	8/21/2012 15:01:33	12.19	51.49	33.75	8.70	7.99	4.6	3.758	100.2
94	8/21/2012 15:16:33	12.08	51.51	33.76	8.79	7.99	4.4	3.801	101.0
95	8/21/2012 15:31:33	12.05	51.51	33.76	8.75	8.00	3.1	3.815	100.5
96	8/21/2012 15:46:33	12.18	51.53	33.78	8.67	7.99	4.0	3.808	99.9
97	8/21/2012 16:01:33	12.14	51.49	33.75	8.69	7.99	4.1	3.783	100.0
98	8/21/2012 16:16:33	12.28	51.50	33.76	8.66	7.99	5.3	3.718	100.0
99	8/21/2012 16:31:33	13.20	51.39	33.72	8.94	8.03	6.5	3.638	105.1
100	8/21/2012 16:46:33	13.72	51.38	33.73	9.24	8.06	6.8	3.540	109.8
101	8/21/2012 17:01:33	14.70	51.30	33.71	9.22	8.08	7.9	3.446	111.7
102	8/21/2012 17:16:33	14.81	51.29	33.70	8.97	8.07	8.3	3.330	108.9
103	8/21/2012 17:31:33	14.79	51.28	33.69	8.87	8.06	7.9	3.200	107.7
104	8/21/2012 17:46:33	15.03	51.27	33.69	8.87	8.07	7.1	3.100	108.3
105	8/21/2012 18:01:33	15.48	51.23	33.67	9.03	8.08	6.8	2.994	111.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	8/21/2012 18:16:33	15.92	50.32	33.02	8.93	8.08	6.9	2.869	110.4
107	8/21/2012 18:31:33	16.27	50.18	32.92	8.91	8.09	7.2	2.756	110.9
108	8/21/2012 18:46:33	16.34	50.15	32.90	8.98	8.10	7.2	2.649	111.9
109	8/21/2012 19:01:33	15.93	50.33	33.02	8.74	8.07	6.4	2.533	108.1
110	8/21/2012 19:16:33	15.69	51.21	33.67	8.85	8.08	6.4	2.396	109.4
111	8/21/2012 19:31:33	16.22	50.25	32.97	8.88	8.09	8.1	2.286	110.5
112	8/21/2012 19:46:33	16.40	50.21	32.94	8.66	8.07	8.1	2.176	108.1
113	8/21/2012 20:01:33	16.54	50.24	32.97	8.69	8.08	7.8	2.060	108.7
114	8/21/2012 20:16:33	16.71	50.16	32.91	8.62	8.08	8.0	1.946	108.2
115	8/21/2012 20:31:33	16.92	50.01	32.80	8.50	8.08	8.0	1.850	107.0
116	8/21/2012 20:46:33	17.15	51.44	33.86	8.30	8.08	7.3	1.781	105.6
117	8/21/2012 21:01:33	17.32	51.44	33.86	8.22	8.08	6.7	1.705	105.0
118	8/21/2012 21:16:33	17.63	49.83	32.68	8.30	8.09	6.7	1.650	105.9
119	8/21/2012 21:31:33	18.16	49.70	32.58	8.55	8.13	5.9	1.648	110.1
120	8/21/2012 21:46:33	17.96	49.71	32.59	8.50	8.12	5.3	1.648	109.0
121	8/21/2012 22:01:33	18.12	49.68	32.57	8.69	8.13	5.3	1.664	111.8
122	8/21/2012 22:16:33	18.07	49.73	32.60	8.69	8.12	5.3	1.714	111.7
123	8/21/2012 22:31:33	18.27	49.73	32.61	8.73	8.13	6.3	1.790	112.6
124	8/21/2012 22:46:33	18.15	49.83	32.68	8.75	8.13	6.1	1.873	112.7
125	8/21/2012 23:01:33	18.33	49.70	32.59	8.31	8.09	9.2	1.947	107.4
126	8/21/2012 23:16:33	18.33	49.63	32.54	8.21	8.08	9.0	2.032	106.1
127	8/21/2012 23:31:33	17.89	49.92	32.75	8.42	8.09	7.4	2.127	108.0
128	8/21/2012 23:46:33	17.76	49.94	32.76	8.40	8.08	6.9	2.209	107.4
129	8/22/2012 0:01:33	17.64	49.99	32.79	8.39	8.08	6.6	2.279	107.1
130	8/22/2012 0:16:33	17.39	50.02	32.82	8.42	8.07	6.5	2.359	107.0
131	8/22/2012 0:31:33	16.94	51.41	33.83	8.28	8.05	6.6	2.445	104.9
132	8/22/2012 0:46:33	16.80	50.17	32.92	8.26	8.04	5.8	2.522	103.9
133	8/22/2012 1:01:33	16.71	50.29	33.01	8.25	8.04	6.3	2.599	103.6
134	8/22/2012 1:16:33	16.56	50.27	32.99	8.26	8.04	5.8	2.680	103.4
135	8/22/2012 1:31:33	16.40	51.23	33.69	8.20	8.03	6.1	2.755	102.8
136	8/22/2012 1:46:33	16.22	51.26	33.71	8.18	8.03	6.4	2.830	102.2
137	8/22/2012 2:01:33	15.98	51.27	33.71	8.18	8.02	6.2	2.905	101.8
138	8/22/2012 2:16:33	15.77	51.23	33.68	8.20	8.01	6.5	2.979	101.4
139	8/22/2012 2:31:33	15.35	51.27	33.70	8.29	8.01	6.6	3.051	101.8
140	8/22/2012 2:46:33	15.01	51.29	33.71	8.36	8.01	6.7	3.119	102.0
141	8/22/2012 3:01:33	14.66	51.30	33.70	8.44	8.01	6.3	3.179	102.2
142	8/22/2012 3:16:33	14.18	51.34	33.72	8.56	8.01	5.9	3.237	102.7
143	8/22/2012 3:31:33	13.90	51.39	33.75	8.63	8.01	5.1	3.288	103.0
144	8/22/2012 3:46:33	13.70	51.41	33.75	8.68	8.01	4.6	3.317	103.1
145	8/22/2012 4:01:33	13.59	51.40	33.74	8.66	8.00	3.4	3.350	102.6
146	8/22/2012 4:16:33	13.85	51.40	33.75	8.47	8.00	4.3	3.347	101.0
147	8/22/2012 4:31:33	13.58	51.40	33.74	8.53	7.99	4.0	3.314	101.1
148	8/22/2012 4:46:33	13.75	51.38	33.73	8.50	8.00	4.5	3.284	101.1
149	8/22/2012 5:01:33	14.69	51.35	33.75	8.08	7.99	5.8	3.214	98.0
150	8/22/2012 5:16:33	15.05	51.30	33.72	7.98	7.99	5.7	3.140	97.4
151	8/22/2012 5:31:33	15.12	51.29	33.71	7.94	7.99	6.1	3.057	97.0
152	8/22/2012 5:46:33	15.38	51.27	33.70	7.84	7.99	6.9	2.962	96.3
153	8/22/2012 6:01:33	15.84	51.27	33.71	7.55	7.98	6.3	2.872	93.6
154	8/22/2012 6:16:33	16.08	51.23	33.68	7.41	7.98	6.6	2.777	92.4
155	8/22/2012 6:31:33	16.29	51.22	33.68	7.35	7.98	6.3	2.689	91.9
156	8/22/2012 6:46:33	16.56	51.22	33.69	7.11	7.96	6.7	2.604	89.4
157	8/22/2012 7:01:33	16.52	50.36	33.05	6.97	7.94	7.5	2.513	87.2
158	8/22/2012 7:16:33	16.53	51.44	33.85	7.00	7.95	6.8	2.418	88.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	8/22/2012 7:31:33	16.27	51.24	33.70	6.94	7.94	6.0	2.332	86.8
160	8/22/2012 7:46:33	16.21	51.27	33.72	6.96	7.93	5.4	2.250	86.9
161	8/22/2012 8:01:33	16.22	51.25	33.70	7.12	7.95	5.5	2.158	89.0
162	8/22/2012 8:16:33	16.25	51.24	33.70	7.23	7.95	5.1	2.081	90.4
163	8/22/2012 8:31:33	16.45	51.27	33.72	7.32	7.97	5.0	2.034	91.9
164	8/22/2012 8:46:33	16.51	51.27	33.72	7.40	7.98	4.8	1.963	93.0
165	8/22/2012 9:01:33	16.80	50.30	33.01	7.49	8.00	4.5	1.921	94.2
166	8/22/2012 9:16:33	17.08	51.46	33.87	7.52	8.02	4.3	1.925	95.6
167	8/22/2012 9:31:33	17.04	51.47	33.88	7.48	8.01	4.0	1.909	95.0
168	8/22/2012 9:46:33	17.34	50.12	32.89	7.52	8.03	4.1	1.922	95.5
169	8/22/2012 10:01:33	17.51	50.07	32.85	7.47	8.03	4.2	1.962	95.1
170	8/22/2012 10:16:33	17.35	50.13	32.90	7.50	8.03	4.5	2.021	95.3
171	8/22/2012 10:31:33	17.35	50.19	32.94	7.53	8.03	4.7	2.090	95.7
172	8/22/2012 10:46:33	17.26	51.45	33.87	7.55	8.02	4.8	2.141	96.3
173	8/22/2012 11:01:33	17.34	50.05	32.84	7.27	8.00	7.2	2.232	92.3
174	8/22/2012 11:16:33	17.17	50.18	32.93	7.38	8.00	6.7	2.325	93.4
175	8/22/2012 11:31:33	17.04	51.41	33.83	7.43	8.00	6.2	2.393	94.3
176	8/22/2012 11:46:33	16.89	51.20	33.68	7.47	8.00	5.8	2.471	94.6
177	8/22/2012 12:01:33	16.68	51.22	33.69	7.47	7.99	5.9	2.561	94.2
178	8/22/2012 12:16:33	16.39	51.23	33.69	7.66	7.99	6.2	2.653	96.0
179	8/22/2012 12:31:33	16.24	51.26	33.71	7.74	7.99	6.2	2.735	96.8
180	8/22/2012 12:46:33	16.07	51.27	33.72	7.84	7.99	6.4	2.817	97.6
181	8/22/2012 13:01:33	15.83	51.31	33.74	7.96	7.99	6.4	2.910	98.6
182	8/22/2012 13:16:33	15.57	51.31	33.73	8.01	7.99	6.5	2.998	98.8
183	8/22/2012 13:31:33	15.21	51.32	33.73	8.09	7.98	7.5	3.088	99.1
184	8/22/2012 13:46:33	14.95	51.34	33.74	8.18	7.98	8.4	3.184	99.6
185	8/22/2012 14:01:33	14.39	51.36	33.74	8.46	7.99	8.5	3.276	101.9
186	8/22/2012 14:16:33	13.79	51.44	33.78	8.65	7.99	8.3	3.372	103.0
187	8/22/2012 14:31:33	13.32	51.43	33.76	8.70	7.99	7.8	3.467	102.6
188	8/22/2012 14:46:33	12.76	51.48	33.77	8.77	7.98	6.9	3.553	102.2
189	8/22/2012 15:01:33	12.44	51.53	33.79	8.85	7.99	6.2	3.635	102.5
190	8/22/2012 15:16:33	12.30	51.52	33.78	8.92	7.99	5.3	3.705	103.0
191	8/22/2012 15:31:33	12.25	51.52	33.77	8.95	8.00	4.7	3.769	103.3
192	8/22/2012 15:46:33	12.16	51.54	33.78	9.01	8.00	4.0	3.812	103.7
193	8/22/2012 16:01:33	12.15	51.53	33.78	8.99	8.01	3.1	3.835	103.5
194	8/22/2012 16:16:33	12.50	51.54	33.81	8.93	8.00	4.0	3.847	103.6
195	8/22/2012 16:31:33	12.19	51.54	33.79	8.92	8.00	3.9	3.838	102.7
196	8/22/2012 16:46:33	12.24	51.52	33.78	8.90	8.00	4.2	3.796	102.7
197	8/22/2012 17:01:33	12.34	51.53	33.79	8.94	8.00	4.8	3.727	103.3
198	8/22/2012 17:16:33	13.58	51.41	33.75	9.41	8.06	5.4	3.655	111.6
199	8/22/2012 17:31:33	13.79	51.41	33.76	9.52	8.07	6.1	3.566	113.4
200	8/22/2012 17:46:33	14.95	51.34	33.74	9.56	8.10	6.5	3.468	116.5
201	8/22/2012 18:01:33	15.04	51.35	33.75	9.41	8.09	7.0	3.362	114.9
202	8/22/2012 18:16:33	15.08	51.33	33.74	9.29	8.08	8.0	3.242	113.4
203	8/22/2012 18:31:33	14.91	51.34	33.74	9.31	8.08	6.4	3.147	113.3
204	8/22/2012 18:46:33	15.36	51.30	33.73	9.43	8.09	6.2	3.037	115.8
205	8/22/2012 19:01:33	15.90	51.27	33.72	9.43	8.10	6.3	2.918	117.0
206	8/22/2012 19:16:33	16.23	51.25	33.71	9.33	8.11	6.6	2.809	116.6
207	8/22/2012 19:31:33	16.42	51.25	33.71	9.30	8.11	6.4	2.709	116.6
208	8/22/2012 19:46:33	16.29	51.25	33.70	8.97	8.07	8.5	2.583	112.2
209	8/22/2012 20:01:33	16.09	51.29	33.73	9.05	8.08	7.5	2.461	112.7
210	8/22/2012 20:16:33	15.92	51.30	33.73	9.06	8.08	8.8	2.355	112.5
211	8/22/2012 20:31:33	16.38	51.30	33.74	8.84	8.07	8.2	2.237	110.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
212	8/22/2012 20:46:33	16.70	51.28	33.73	8.74	8.08	8.0	2.125	110.3
213	8/22/2012 21:01:33	16.67	51.29	33.74	8.67	8.08	7.7	2.013	109.3
214	8/22/2012 21:16:33	16.72	51.27	33.73	8.56	8.07	7.1	1.913	107.9
215	8/22/2012 21:31:33	17.14	51.26	33.73	8.44	8.07	6.7	1.825	107.4
216	8/22/2012 21:46:33	17.33	50.41	33.10	8.35	8.07	6.9	1.740	106.1
217	8/22/2012 22:01:33	17.61	50.31	33.03	8.37	8.07	6.7	1.677	106.9
218	8/22/2012 22:16:33	17.85	50.21	32.96	8.38	8.08	6.2	1.653	107.5
219	8/22/2012 22:31:33	18.24	50.11	32.88	8.57	8.11	5.4	1.636	110.7
220	8/22/2012 22:46:33	17.91	50.22	32.97	8.37	8.09	5.8	1.625	107.5
221	8/22/2012 23:01:33	18.21	50.12	32.90	8.74	8.11	5.4	1.664	112.9
222	8/22/2012 23:16:33	18.12	50.19	32.95	8.71	8.11	5.3	1.720	112.3
223	8/22/2012 23:31:33	18.18	50.17	32.93	8.82	8.12	5.7	1.781	113.9
224	8/22/2012 23:46:33	18.05	50.24	32.99	8.77	8.11	5.6	1.842	113.0
225	8/23/2012 0:01:33	18.30	49.99	32.80	8.33	8.07	8.0	1.917	107.7
226	8/23/2012 0:16:33	18.37	49.93	32.76	8.17	8.06	8.8	2.010	105.8
227	8/23/2012 0:31:33	18.11	50.07	32.86	8.44	8.07	7.8	2.086	108.8
228	8/23/2012 0:46:33	17.91	50.19	32.94	8.47	8.08	6.8	2.143	108.8
229	8/23/2012 1:01:33	17.80	50.28	33.01	8.47	8.07	5.8	2.223	108.6
230	8/23/2012 1:16:33	17.67	50.30	33.02	8.50	8.07	6.1	2.312	108.7
231	8/23/2012 1:31:33	17.38	51.22	33.70	8.49	8.06	6.8	2.379	108.5
232	8/23/2012 1:46:33	17.16	51.24	33.71	8.42	8.05	6.2	2.442	107.1
233	8/23/2012 2:01:33	16.93	51.28	33.73	8.40	8.05	5.6	2.521	106.4
234	8/23/2012 2:16:33	16.80	51.26	33.72	8.38	8.04	5.6	2.598	105.9
235	8/23/2012 2:31:33	16.63	51.26	33.72	8.40	8.04	5.7	2.673	105.8
236	8/23/2012 2:46:33	16.46	51.27	33.72	8.40	8.03	5.4	2.739	105.4
237	8/23/2012 3:01:33	16.24	51.30	33.74	8.42	8.03	5.4	2.803	105.3
238	8/23/2012 3:16:33	16.08	51.30	33.74	8.41	8.03	5.1	2.869	104.8
239	8/23/2012 3:31:33	15.90	51.30	33.73	8.40	8.02	5.8	2.935	104.3
240	8/23/2012 3:46:33	15.72	51.27	33.71	8.41	8.02	5.7	2.991	104.0
241	8/23/2012 4:01:33	15.38	51.34	33.75	8.50	8.02	5.5	3.041	104.5
242	8/23/2012 4:16:33	15.15	51.35	33.75	8.54	8.02	5.5	3.097	104.5
243	8/23/2012 4:31:33	14.96	51.34	33.75	8.56	8.01	4.8	3.142	104.4
244	8/23/2012 4:46:33	14.82	51.34	33.74	8.53	8.01	5.3	3.176	103.6
245	8/23/2012 5:01:33	14.68	51.37	33.76	8.48	8.01	4.0	3.191	102.8
246	8/23/2012 5:16:33	14.92	51.39	33.78	8.28	8.00	4.3	3.197	100.9
247	8/23/2012 5:31:33	14.69	51.36	33.75	8.37	8.00	3.8	3.193	101.4
248	8/23/2012 5:46:33	14.91	51.36	33.76	8.37	8.00	4.6	3.152	101.9
249	8/23/2012 6:01:33	15.18	51.38	33.78	8.21	8.00	4.6	3.106	100.6
250	8/23/2012 6:16:33	15.60	51.32	33.75	8.01	7.99	6.0	3.050	98.9
251	8/23/2012 6:31:33	15.73	51.32	33.75	7.80	7.97	5.6	2.982	96.5
252	8/23/2012 6:46:33	15.81	51.31	33.74	7.86	7.98	5.8	2.905	97.4
253	8/23/2012 7:01:33	15.92	51.30	33.74	7.63	7.96	5.7	2.822	94.8
254	8/23/2012 7:16:33	16.03	51.33	33.76	7.56	7.96	5.7	2.757	94.1
255	8/23/2012 7:31:33	16.08	51.33	33.76	7.38	7.95	5.4	2.679	91.9
256	8/23/2012 7:46:33	16.03	51.30	33.74	7.29	7.94	5.3	2.599	90.7
257	8/23/2012 8:01:33	16.15	51.34	33.77	7.12	7.93	5.1	2.530	88.9
258	8/23/2012 8:16:33	16.19	51.33	33.77	7.05	7.93	5.0	2.461	88.1
259	8/23/2012 8:31:33	16.35	51.32	33.76	7.08	7.93	5.1	2.395	88.7
260	8/23/2012 8:46:33	16.45	51.34	33.78	7.22	7.95	5.0	2.325	90.6
261	8/23/2012 9:01:33	16.47	51.34	33.78	7.30	7.96	4.7	2.267	91.7
262	8/23/2012 9:16:33	16.59	51.34	33.78	7.41	7.97	4.6	2.222	93.2
263	8/23/2012 9:31:33	16.68	51.32	33.76	7.53	7.98	4.4	2.178	94.9
264	8/23/2012 9:46:33	16.80	51.30	33.75	7.62	7.99	4.1	2.144	96.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH	NTU		
265	8/23/2012 10:01:33	17.05	51.31	33.76	7.60	8.01	3.9	2.128	96.5
266	8/23/2012 10:16:33	17.19	51.31	33.76	7.62	8.02	3.9	2.131	97.0
267	8/23/2012 10:31:33	17.21	51.32	33.77	7.63	8.02	3.9	2.138	97.1
268	8/23/2012 10:46:33	17.25	51.29	33.75	7.72	8.02	4.0	2.163	98.4
269	8/23/2012 11:01:33	17.19	51.33	33.77	7.76	8.02	4.2	2.202	98.8
270	8/23/2012 11:16:33	17.19	51.32	33.77	7.82	8.02	4.4	2.262	99.6
271	8/23/2012 11:31:33	17.11	51.30	33.76	7.82	8.02	4.7	2.314	99.4
272	8/23/2012 11:46:33	16.99	51.33	33.77	7.74	8.01	4.8	2.381	98.2
273	8/23/2012 12:01:33	16.92	51.29	33.74	7.75	8.00	5.0	2.456	98.1
274	8/23/2012 12:16:33	16.82	51.32	33.76	7.71	8.00	5.1	2.527	97.5
275	8/23/2012 12:31:33	16.63	51.33	33.77	7.77	7.99	4.8	2.604	97.9
276	8/23/2012 12:46:33	16.48	51.33	33.77	7.77	7.99	5.0	2.672	97.5
277	8/23/2012 13:01:33	16.28	51.35	33.78	7.84	7.98	5.0	2.755	98.1
278	8/23/2012 13:16:33	16.09	51.33	33.76	8.01	7.99	5.2	2.831	99.8
279	8/23/2012 13:31:33	16.00	51.31	33.75	8.10	7.99	5.5	2.901	100.8
280	8/23/2012 13:46:33	15.83	51.32	33.75	8.24	8.00	5.3	2.990	102.1
281	8/23/2012 14:01:33	15.59	51.34	33.76	8.30	8.00	5.9	3.066	102.4
282	8/23/2012 14:16:33	15.28	51.34	33.75	8.37	7.99	6.2	3.149	102.7
283	8/23/2012 14:31:33	14.88	51.36	33.75	8.42	7.99	6.5	3.235	102.4
284	8/23/2012 14:46:33	14.37	51.38	33.76	8.52	7.99	7.3	3.325	102.6
285	8/23/2012 15:01:33	13.84	51.44	33.78	8.66	7.99	7.0	3.409	103.2
286	8/23/2012 15:16:33	13.55	51.46	33.79	8.69	7.99	7.3	3.491	103.0
287	8/23/2012 15:31:33	13.15	51.48	33.79	8.73	7.99	6.2	3.576	102.6
288	8/23/2012 15:46:33	12.82	51.50	33.78	8.71	7.98	5.7	3.644	101.7
289	8/23/2012 16:01:33	12.62	51.51	33.79	8.72	7.98	5.6	3.706	101.3
290	8/23/2012 16:16:33	12.48	51.53	33.79	8.74	7.99	5.0	3.765	101.3
291	8/23/2012 16:31:33	12.39	51.54	33.80	8.74	7.99	4.0	3.800	101.1
292	8/23/2012 16:46:33	12.39	51.54	33.80	8.68	7.99	2.9	3.826	100.4
293	8/23/2012 17:01:33	12.73	51.53	33.81	8.56	8.00	3.1	3.840	99.7
294	8/23/2012 17:16:33	12.53	51.50	33.78	8.60	7.98	4.0	3.819	99.8
295	8/23/2012 17:31:33	12.47	51.52	33.79	8.67	7.99	4.1	3.794	100.5
296	8/23/2012 17:46:33	12.72	51.50	33.79	8.67	7.99	4.1	3.740	101.0
297	8/23/2012 18:01:33	13.96	51.43	33.78	9.40	8.06	5.3	3.671	112.3
298	8/23/2012 18:16:33	14.19	51.41	33.77	9.53	8.08	7.1	3.586	114.4
299	8/23/2012 18:31:33	15.06	51.40	33.79	9.61	8.10	5.7	3.490	117.3
300	8/23/2012 18:46:33	15.39	51.37	33.77	9.41	8.09	6.8	3.402	115.7
301	8/23/2012 19:01:33	15.32	51.38	33.78	9.26	8.08	7.1	3.294	113.6
302	8/23/2012 19:16:33	15.34	51.34	33.75	9.09	8.07	7.3	3.185	111.7
303	8/23/2012 19:31:33	15.39	51.38	33.78	9.20	8.07	5.6	3.094	113.1
304	8/23/2012 19:46:33	15.77	51.36	33.78	9.29	8.09	6.4	2.985	115.1
305	8/23/2012 20:01:33	16.22	51.34	33.77	9.30	8.10	6.5	2.870	116.2
306	8/23/2012 20:16:33	16.47	51.34	33.77	9.17	8.09	6.7	2.777	115.1
307	8/23/2012 20:31:33	16.34	51.33	33.77	9.14	8.09	6.4	2.671	114.5
308	8/23/2012 20:46:33	16.23	51.34	33.77	8.78	8.06	7.5	2.550	109.8
309	8/23/2012 21:01:33	16.35	51.32	33.76	8.72	8.06	9.4	2.438	109.3
310	8/23/2012 21:16:33	16.52	51.36	33.79	8.66	8.06	7.8	2.331	108.8
311	8/23/2012 21:31:33	16.49	51.36	33.79	8.61	8.05	7.4	2.207	108.2
312	8/23/2012 21:46:33	16.64	51.33	33.77	8.48	8.05	6.6	2.110	106.8
313	8/23/2012 22:01:33	16.85	51.37	33.80	8.40	8.05	7.0	2.009	106.3
314	8/23/2012 22:16:33	16.96	51.34	33.78	8.32	8.05	7.5	1.891	105.5
315	8/23/2012 22:31:33	17.15	51.35	33.79	8.21	8.05	7.0	1.797	104.5
316	8/23/2012 22:46:33	17.41	51.32	33.77	8.27	8.06	7.0	1.734	105.7
317	8/23/2012 23:01:33	17.63	51.33	33.78	8.27	8.06	6.7	1.659	106.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
318	8/23/2012 23:16:33	17.88	51.32	33.77	8.32	8.08	6.1	1.628	107.4
319	8/23/2012 23:31:33	18.02	51.32	33.77	8.48	8.09	5.3	1.606	109.7
320	8/23/2012 23:46:33	18.10	51.33	33.78	8.52	8.10	4.8	1.601	110.4
321	8/24/2012 0:01:33	18.10	51.34	33.79	8.66	8.10	8.7	1.649	112.2
322	8/24/2012 0:16:33	18.02	51.33	33.78	8.65	8.10	15.0	1.659	111.9
323	8/24/2012 0:31:33	18.08	51.34	33.79	8.81	8.11	23.8	1.715	114.1
324	8/24/2012 0:46:33	18.02	51.36	33.81	8.81	8.11	20.0	1.789	114.0
325	8/24/2012 1:01:33	17.92	51.33	33.78	8.72	8.10	16.6	1.853	112.6
326	8/24/2012 1:16:33	18.17	51.13	33.63	8.19	8.05	11.2	1.914	106.1
327	8/24/2012 1:31:33	18.15	51.13	33.64	8.10	8.05	9.5	1.985	105.0
328	8/24/2012 1:46:33	18.04	51.21	33.69	8.32	8.06	14.9	2.064	107.6
329	8/24/2012 2:01:33	17.89	51.26	33.73	8.40	8.07	11.2	2.129	108.3
330	8/24/2012 2:16:33	17.77	51.25	33.73	8.44	8.06	7.2	2.199	108.6
331	8/24/2012 2:31:33	17.65	51.30	33.76	8.46	8.06	6.6	2.259	108.7
332	8/24/2012 2:46:33	17.40	51.32	33.77	8.49	8.06	6.9	2.344	108.5
333	8/24/2012 3:01:33	17.16	51.30	33.76	8.45	8.05	7.0	2.410	107.5
334	8/24/2012 3:16:33	17.01	51.32	33.77	8.44	8.05	7.1	2.476	107.0
335	8/24/2012 3:31:33	16.86	51.31	33.76	8.44	8.04	8.8	2.544	106.8
336	8/24/2012 3:46:33	16.70	51.34	33.78	8.48	8.04	6.5	2.615	107.0
337	8/24/2012 4:01:33	16.54	51.35	33.78	8.49	8.04	5.4	2.682	106.7
338	8/24/2012 4:16:33	16.43	51.37	33.79	8.48	8.03	13.2	2.735	106.4
339	8/24/2012 4:31:33	16.26	51.37	33.79	8.48	8.03	10.6	2.793	106.1
340	8/24/2012 4:46:33	16.11	51.35	33.78	8.47	8.03	11.4	2.852	105.6
341	8/24/2012 5:01:33	15.92	51.34	33.77	8.45	8.02	9.0	2.910	105.0
342	8/24/2012 5:16:33	15.75	51.34	33.76	8.44	8.02	5.7	2.948	104.5
343	8/24/2012 5:31:33	15.53	51.35	33.76	8.45	8.01	8.7	2.992	104.2
344	8/24/2012 5:46:33	15.36	51.36	33.76	8.49	8.01	8.4	3.031	104.3
345	8/24/2012 6:01:33	15.22	51.38	33.77	8.46	8.01	4.7	3.063	103.7
346	8/24/2012 6:16:33	15.15	51.40	33.79	8.42	8.01	4.3	3.072	103.1
347	8/24/2012 6:31:33	15.43	51.39	33.79	8.12	8.00	4.8	3.076	99.9
348	8/24/2012 6:46:33	15.10	51.39	33.78	8.23	7.99	3.6	3.063	100.6
349	8/24/2012 7:01:33	15.20	51.37	33.77	8.22	8.00	5.4	3.056	100.6
350	8/24/2012 7:16:33	15.37	51.37	33.77	8.17	7.99	4.8	3.005	100.4
351	8/24/2012 7:31:33	15.77	51.39	33.80	7.35	7.93	5.7	2.941	91.1
352	8/24/2012 7:46:33	15.81	51.44	33.83	7.04	7.90	14.5	2.893	87.3
353	8/24/2012 8:01:33	15.80	51.40	33.81	7.13	7.91	9.6	2.834	88.4
354	8/24/2012 8:16:33	15.98	51.39	33.80	7.49	7.94	14.7	2.763	93.2
355	8/24/2012 8:31:33	16.00	51.38	33.79	7.86	7.98	11.1	2.688	97.8
356	8/24/2012 8:46:33	15.96	51.38	33.79	8.02	7.99	10.4	2.639	99.7
357	8/24/2012 9:01:33	16.09	51.36	33.78	8.11	7.99	11.4	2.577	101.1
358	8/24/2012 9:16:33	16.17	51.38	33.80	8.24	8.01	11.7	2.518	102.9
359	8/24/2012 9:31:33	16.34	51.41	33.82	8.30	8.02	10.6	2.466	104.0
360	8/24/2012 9:46:33	16.53	51.37	33.80	8.26	8.02	7.5	2.425	103.9
361	8/24/2012 10:01:33	16.66	51.38	33.81	8.29	8.03	9.4	2.379	104.5
362	8/24/2012 10:16:33	16.74	51.38	33.81	8.41	8.04	16.4	2.331	106.2
363	8/24/2012 10:31:33	16.88	51.32	33.77	8.46	8.05	5.1	2.317	107.1
364	8/24/2012 10:46:33	17.02	51.38	33.81	8.44	8.06	7.8	2.293	107.2
365	8/24/2012 11:01:33	17.12	51.35	33.79	8.32	8.05	5.3	2.280	105.8
366	8/24/2012 11:16:33	17.09	51.36	33.80	8.31	8.04	7.3	2.287	105.6
367	8/24/2012 11:31:33	17.18	51.35	33.79	8.26	8.04	8.7	2.299	105.2
368	8/24/2012 11:46:33	17.09	51.38	33.81	8.24	8.03	5.4	2.321	104.7
369	8/24/2012 12:01:33	17.04	51.38	33.81	8.13	8.03	8.8	2.352	103.2
370	8/24/2012 12:16:33	16.97	51.39	33.82	8.09	8.02	12.2	2.392	102.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
371	8/24/2012 12:31:33	16.84	51.37	33.80	8.03	8.01	13.1	2.445	101.5
372	8/24/2012 12:46:33	16.71	51.37	33.80	8.01	8.01	10.6	2.500	101.0
373	8/24/2012 13:01:33	16.63	51.39	33.81	8.00	8.00	7.5	2.555	100.7
374	8/24/2012 13:16:33	16.56	51.37	33.80	8.08	8.00	8.6	2.620	101.7
375	8/24/2012 13:31:33	16.48	51.40	33.82	8.12	8.00	11.2	2.687	102.0
376	8/24/2012 13:46:33	16.29	51.39	33.81	8.15	8.00	7.9	2.751	102.1
377	8/24/2012 14:01:33	16.19	51.38	33.80	8.19	8.00	13.1	2.822	102.2
378	8/24/2012 14:16:33	15.97	51.39	33.80	8.38	8.00	6.3	2.894	104.2
379	8/24/2012 14:31:33	15.73	51.37	33.78	8.48	8.01	5.5	2.961	105.0
380	8/24/2012 14:46:33	15.54	51.39	33.79	8.54	8.01	6.4	3.043	105.3
381	8/24/2012 15:01:33	15.22	51.39	33.79	8.52	8.00	6.4	3.117	104.4
382	8/24/2012 15:16:33	14.90	51.42	33.80	8.52	7.99	5.3	3.194	103.7
383	8/24/2012 15:31:33	14.89	51.42	33.80	8.58	8.00	6.7	3.273	104.4
384	8/24/2012 15:46:33	14.64	51.42	33.79	8.62	8.00	5.9	3.350	104.4
385	8/24/2012 16:01:33	14.15	51.44	33.79	8.71	7.99	6.9	3.430	104.5
386	8/24/2012 16:16:33	13.86	51.46	33.80	8.75	7.99	6.1	3.501	104.4
387	8/24/2012 16:31:33	13.62	51.46	33.79	8.74	7.99	6.5	3.577	103.8
388	8/24/2012 16:46:33	13.22	51.49	33.80	8.75	7.99	5.4	3.636	102.9
389	8/24/2012 17:01:33	12.98	51.50	33.79	8.81	8.00	5.5	3.695	103.2
390	8/24/2012 17:16:33	12.83	51.51	33.80	8.86	8.00	4.6	3.736	103.4
391	8/24/2012 17:31:33	12.80	51.52	33.80	8.85	8.00	3.7	3.764	103.3
392	8/24/2012 17:46:33	12.78	51.52	33.80	8.81	8.01	3.0	3.796	102.7
393	8/24/2012 18:01:33	13.10	51.49	33.79	8.73	8.00	3.9	3.799	102.5
394	8/24/2012 18:16:33	12.84	51.50	33.79	8.71	8.00	5.2	3.779	101.7
395	8/24/2012 18:31:33	12.87	51.48	33.78	8.75	8.00	6.8	3.750	102.3
396	8/24/2012 18:46:33	13.16	51.49	33.79	8.77	8.01	11.5	3.700	103.1
397	8/24/2012 19:01:33	14.02	51.45	33.80	9.12	8.05	9.5	3.645	109.1
398	8/24/2012 19:16:33	14.28	51.45	33.80	9.26	8.06	9.8	3.553	111.4
399	8/24/2012 19:31:33	15.01	51.43	33.81	9.43	8.09	7.3	3.471	115.1
400	8/24/2012 19:46:33	15.53	51.39	33.79	9.43	8.10	9.0	3.396	116.3
401	8/24/2012 20:01:33	15.62	51.41	33.81	9.31	8.09	14.5	3.280	115.0
402	8/24/2012 20:16:33	15.38	51.42	33.81	9.18	8.07	8.2	3.191	112.8
403	8/24/2012 20:31:33	15.40	51.38	33.79	9.10	8.07	6.2	3.101	111.9
404	8/24/2012 20:46:33	15.61	51.41	33.81	9.07	8.07	7.5	3.003	112.0
405	8/24/2012 21:01:33	15.97	51.39	33.80	9.04	8.07	7.4	2.903	112.5
406	8/24/2012 21:16:33	16.35	51.39	33.81	8.98	8.08	8.3	2.800	112.6
407	8/24/2012 21:31:33	16.42	51.38	33.80	8.84	8.07	6.7	2.692	110.9
408	8/24/2012 21:46:33	16.44	51.39	33.81	8.75	8.06	8.4	2.593	109.8
409	8/24/2012 22:01:33	16.03	51.38	33.80	8.46	8.03	7.7	2.470	105.3
410	8/24/2012 22:16:33	16.36	51.43	33.84	8.59	8.05	7.5	2.365	107.7
411	8/24/2012 22:31:33	16.51	51.42	33.83	8.52	8.05	6.9	2.256	107.1
412	8/24/2012 22:46:33	16.69	51.42	33.83	8.52	8.05	8.1	2.146	107.4
413	8/24/2012 23:01:33	16.72	51.44	33.85	8.39	8.05	7.9	2.048	105.9
414	8/24/2012 23:16:33	16.88	51.44	33.85	8.38	8.05	7.5	1.926	106.1
415	8/24/2012 23:31:33	17.09	51.41	33.83	8.38	8.06	7.5	1.829	106.6
416	8/24/2012 23:46:33	17.28	51.44	33.86	8.41	8.07	7.5	1.744	107.3
417	8/25/2012 0:01:33	17.50	51.42	33.85	8.51	8.08	6.5	1.671	109.1
418	8/25/2012 0:16:33	17.59	51.42	33.85	8.52	8.09	5.7	1.622	109.4
419	8/25/2012 0:31:33	18.00	51.42	33.85	8.75	8.12	5.4	1.574	113.2
420	8/25/2012 0:46:33	18.12	51.43	33.86	8.85	8.13	4.9	1.572	114.7
421	8/25/2012 1:01:33	17.94	51.42	33.85	8.68	8.11	5.3	1.573	112.2
422	8/25/2012 1:16:33	18.05	51.43	33.86	8.99	8.13	11.6	1.600	116.4
423	8/25/2012 1:31:33	17.99	51.44	33.87	8.96	8.13	15.9	1.627	115.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	8/25/2012 1:46:33	18.06	51.41	33.84	9.11	8.14	6.6	1.674	117.9
425	8/25/2012 2:01:33	17.99	51.42	33.85	9.08	8.13	18.4	1.750	117.5
426	8/25/2012 2:16:33	17.92	51.42	33.85	9.02	8.13	12.5	1.816	116.5
427	8/25/2012 2:31:33	18.12	51.23	33.71	8.42	8.08	13.2	1.867	109.1
428	8/25/2012 2:46:33	18.11	51.20	33.69	8.31	8.07	8.8	1.933	107.6
429	8/25/2012 3:01:33	18.04	51.24	33.71	8.40	8.07	12.3	2.015	108.6
430	8/25/2012 3:16:33	17.88	51.32	33.78	8.59	8.08	7.3	2.076	110.8
431	8/25/2012 3:31:33	17.80	51.32	33.77	8.58	8.08	7.5	2.143	110.5
432	8/25/2012 3:46:33	17.68	51.33	33.78	8.58	8.08	7.8	2.204	110.2
433	8/25/2012 4:01:33	17.56	51.37	33.81	8.55	8.07	6.2	2.286	109.7
434	8/25/2012 4:16:33	17.21	51.37	33.80	8.53	8.06	7.9	2.354	108.6
435	8/25/2012 4:31:33	17.08	51.38	33.81	8.48	8.05	6.5	2.411	107.8
436	8/25/2012 4:46:33	16.89	51.38	33.81	8.47	8.05	5.9	2.488	107.2
437	8/25/2012 5:01:33	16.71	51.39	33.82	8.51	8.04	8.4	2.561	107.4
438	8/25/2012 5:16:33	16.57	51.41	33.83	8.51	8.04	6.0	2.619	107.1
439	8/25/2012 5:31:33	16.45	51.39	33.81	8.51	8.04	12.0	2.679	106.8
440	8/25/2012 5:46:33	16.34	51.37	33.79	8.49	8.03	12.5	2.736	106.3
441	8/25/2012 6:01:33	16.16	51.40	33.81	8.48	8.03	9.4	2.794	105.9
442	8/25/2012 6:16:33	16.10	51.39	33.81	8.43	8.02	6.5	2.853	105.2
443	8/25/2012 6:31:33	15.87	51.39	33.80	8.43	8.02	6.5	2.898	104.6
444	8/25/2012 6:46:33	15.61	51.37	33.78	8.44	8.01	7.3	2.938	104.2
445	8/25/2012 7:01:33	15.44	51.39	33.79	8.46	8.01	5.3	2.987	104.1
446	8/25/2012 7:16:33	15.33	51.37	33.77	8.43	8.01	4.3	3.008	103.5
447	8/25/2012 7:31:33	15.31	51.40	33.80	8.42	8.01	3.7	3.039	103.3
448	8/25/2012 7:46:33	15.59	51.36	33.77	8.18	8.01	4.4	3.043	100.9
449	8/25/2012 8:01:33	15.29	51.40	33.80	8.21	7.99	4.0	3.039	100.8
450	8/25/2012 8:16:33	15.27	51.39	33.79	8.21	8.00	4.4	3.038	100.7
451	8/25/2012 8:31:33	15.34	51.39	33.79	8.22	8.00	7.2	2.994	101.0
452	8/25/2012 8:46:33	15.59	51.40	33.80	8.15	8.00	9.6	2.956	100.6
453	8/25/2012 9:01:33	15.98	51.42	33.82	7.95	7.99	9.4	2.902	99.0
454	8/25/2012 9:16:33	16.11	51.40	33.81	7.87	7.99	10.5	2.857	98.1
455	8/25/2012 9:31:33	16.16	51.44	33.84	7.36	7.94	7.1	2.805	91.9
456	8/25/2012 9:46:33	16.15	51.46	33.86	7.34	7.92	7.5	2.738	91.6
457	8/25/2012 10:01:33	16.18	51.45	33.85	7.52	7.95	8.6	2.695	94.0
458	8/25/2012 10:16:33	16.25	51.45	33.85	7.72	7.97	13.3	2.638	96.5
459	8/25/2012 10:31:33	16.12	51.45	33.85	7.59	7.95	6.1	2.597	94.7
460	8/25/2012 10:46:33	16.48	51.44	33.85	7.84	8.00	8.9	2.545	98.4
461	8/25/2012 11:01:33	16.48	51.46	33.86	7.84	8.00	12.8	2.510	98.5
462	8/25/2012 11:16:33	16.53	51.46	33.86	7.92	8.00	7.2	2.478	99.6
463	8/25/2012 11:31:33	16.66	51.48	33.88	7.89	8.01	5.4	2.445	99.4
464	8/25/2012 11:46:33	16.83	51.45	33.86	8.05	8.03	4.3	2.425	101.8
465	8/25/2012 12:01:33	16.90	51.44	33.85	8.06	8.03	4.0	2.407	102.1
466	8/25/2012 12:16:33	16.97	51.40	33.82	8.11	8.04	3.7	2.410	102.8
467	8/25/2012 12:31:33	16.93	51.45	33.86	8.11	8.03	4.5	2.410	102.8
468	8/25/2012 12:46:33	16.98	51.44	33.85	8.19	8.04	5.0	2.417	103.9
469	8/25/2012 13:01:33	16.94	51.44	33.85	8.19	8.03	4.0	2.443	103.8
470	8/25/2012 13:16:33	16.88	51.44	33.85	8.12	8.03	4.2	2.471	102.8
471	8/25/2012 13:31:33	16.81	51.44	33.85	8.05	8.02	4.7	2.507	101.8
472	8/25/2012 13:46:33	16.69	51.44	33.85	8.06	8.01	4.7	2.552	101.7
473	8/25/2012 14:01:33	16.48	51.44	33.85	7.99	8.00	4.4	2.613	100.4
474	8/25/2012 14:16:33	16.40	51.43	33.84	8.03	8.00	5.1	2.660	100.7
475	8/25/2012 14:31:33	16.33	51.43	33.83	8.08	8.00	5.6	2.723	101.2
476	8/25/2012 14:46:33	16.26	51.40	33.82	8.13	8.00	5.4	2.785	101.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	8/25/2012 15:01:33	16.06	51.41	33.82	8.16	7.99	4.7	2.839	101.6
478	8/25/2012 15:16:33	15.86	51.41	33.81	8.20	7.99	5.7	2.911	101.8
479	8/25/2012 15:31:33	15.60	51.41	33.81	8.39	8.00	5.8	2.972	103.5
480	8/25/2012 15:46:33	15.28	51.43	33.82	8.43	8.00	4.4	3.048	103.5
481	8/25/2012 16:01:33	15.09	51.43	33.81	8.51	8.00	4.7	3.113	104.0
482	8/25/2012 16:16:33	14.74	51.44	33.81	8.52	8.00	5.7	3.186	103.4
483	8/25/2012 16:31:33	14.62	51.44	33.81	8.56	8.00	4.9	3.266	103.6
484	8/25/2012 16:46:33	14.30	51.41	33.78	8.56	8.00	5.9	3.336	102.9
485	8/25/2012 17:01:33	13.94	51.48	33.81	8.63	8.00	5.1	3.414	103.1
486	8/25/2012 17:16:33	13.59	51.49	33.81	8.67	8.00	5.7	3.485	102.8
487	8/25/2012 17:31:33	13.28	51.51	33.81	8.66	7.99	6.5	3.555	102.1
488	8/25/2012 17:46:33	13.08	51.51	33.81	8.65	7.99	5.6	3.618	101.5
489	8/25/2012 18:01:33	12.84	51.54	33.82	8.63	7.99	5.0	3.672	100.8
490	8/25/2012 18:16:33	12.70	51.54	33.81	8.69	8.00	5.7	3.716	101.2
491	8/25/2012 18:31:34	12.65	51.54	33.81	8.66	8.00	3.9	3.753	100.7
492	8/25/2012 18:46:33	12.57	51.54	33.81	8.67	8.00	3.2	3.783	100.7
493	8/25/2012 19:01:33	13.07	51.44	33.76	8.61	8.01	3.6	3.788	101.0
494	8/25/2012 19:16:33	12.59	51.56	33.82	8.53	7.99	3.4	3.784	99.1
495	8/25/2012 19:31:34	12.58	51.54	33.80	8.56	7.99	3.7	3.766	99.5
496	8/25/2012 19:46:34	12.66	51.54	33.81	8.53	7.99	4.2	3.719	99.3
497	8/25/2012 20:01:33	13.30	51.52	33.82	8.56	8.00	5.4	3.668	101.0
498	8/25/2012 20:16:33	13.98	51.48	33.82	8.55	8.02	6.2	3.601	102.2
499	8/25/2012 20:31:33	14.42	51.47	33.83	8.73	8.04	5.8	3.516	105.3
500	8/25/2012 20:46:33	14.97	51.46	33.83	8.93	8.06	6.0	3.428	108.9
501	8/25/2012 21:01:33	14.98	51.46	33.83	8.91	8.06	6.2	3.343	108.7
502	8/25/2012 21:16:33	14.96	51.47	33.84	8.84	8.05	5.4	3.247	107.8
503	8/25/2012 21:31:33	14.94	51.46	33.83	8.80	8.05	5.3	3.143	107.3
504	8/25/2012 21:46:33	15.16	51.49	33.86	8.75	8.05	5.0	3.044	107.2
505	8/25/2012 22:01:33	15.53	51.43	33.83	8.71	8.05	5.3	2.945	107.5
506	8/25/2012 22:16:33	15.87	51.45	33.85	8.63	8.05	5.6	2.844	107.2
507	8/25/2012 22:31:33	16.06	51.44	33.84	8.61	8.05	5.8	2.733	107.3
508	8/25/2012 22:46:33	16.11	51.43	33.83	8.48	8.04	5.7	2.625	105.7
509	8/25/2012 23:01:33	15.94	51.44	33.84	8.32	8.03	6.0	2.518	103.5
510	8/25/2012 23:16:33	15.80	51.41	33.82	8.26	8.01	6.6	2.390	102.4
511	8/25/2012 23:31:33	15.88	51.46	33.85	8.25	8.02	6.7	2.289	102.5
512	8/25/2012 23:46:33	16.09	51.47	33.86	8.14	8.02	6.4	2.177	101.5
513	8/26/2012 0:01:33	16.20	51.47	33.87	8.12	8.02	6.8	2.060	101.5
514	8/26/2012 0:16:33	16.34	51.46	33.86	8.05	8.01	6.5	1.955	100.8
515	8/26/2012 0:31:33	16.54	51.48	33.88	7.98	8.02	6.0	1.844	100.3
516	8/26/2012 0:46:33	16.68	51.47	33.87	7.92	8.02	5.9	1.730	99.9
517	8/26/2012 1:01:33	16.97	51.45	33.86	8.01	8.03	6.1	1.661	101.5
518	8/26/2012 1:16:33	17.04	51.49	33.89	8.04	8.04	6.0	1.613	102.1
519	8/26/2012 1:31:33	17.16	51.49	33.89	8.02	8.04	5.7	1.517	102.1
520	8/26/2012 1:46:33	17.56	51.50	33.90	8.30	8.09	5.1	1.512	106.5
521	8/26/2012 2:01:33	17.63	51.62	33.99	8.49	8.11	5.8	1.519	109.1
522	8/26/2012 2:16:33	17.66	51.48	33.89	8.43	8.10	4.9	1.508	108.4
523	8/26/2012 2:31:33	17.75	51.51	33.91	8.62	8.11	4.6	1.553	111.1
524	8/26/2012 2:46:33	17.69	51.54	33.93	8.59	8.11	4.9	1.597	110.5
525	8/26/2012 3:01:33	17.71	51.50	33.90	8.72	8.12	4.9	1.666	112.2
526	8/26/2012 3:16:33	17.65	51.52	33.92	8.68	8.11	5.5	1.719	111.6
527	8/26/2012 3:31:33	17.63	51.44	33.86	8.48	8.09	6.6	1.797	109.0
528	8/26/2012 3:46:33	17.66	51.34	33.78	8.16	8.06	8.4	1.862	104.9
529	8/26/2012 4:01:33	17.67	51.27	33.74	7.99	8.05	10.4	1.919	102.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
530	8/26/2012 4:16:33	17.50	51.38	33.82	8.27	8.07	7.2	2.006	106.0
531	8/26/2012 4:31:33	17.38	51.40	33.83	8.28	8.06	6.4	2.064	105.8
532	8/26/2012 4:46:33	17.29	51.40	33.83	8.28	8.06	6.3	2.137	105.6
533	8/26/2012 5:01:33	17.18	51.40	33.83	8.27	8.06	6.3	2.208	105.3
534	8/26/2012 5:16:33	17.06	51.43	33.85	8.24	8.05	6.2	2.282	104.7
535	8/26/2012 5:31:33	16.79	51.43	33.84	8.22	8.04	6.7	2.365	103.8
536	8/26/2012 5:46:33	16.64	51.43	33.84	8.20	8.03	5.4	2.431	103.3
537	8/26/2012 6:01:33	16.56	51.44	33.85	8.20	8.03	5.4	2.509	103.1
538	8/26/2012 6:16:33	16.37	51.45	33.86	8.22	8.02	5.4	2.582	103.1
539	8/26/2012 6:31:33	16.28	51.42	33.83	8.24	8.02	5.4	2.657	103.1
540	8/26/2012 6:46:33	16.16	51.45	33.85	8.26	8.02	5.2	2.726	103.1
541	8/26/2012 7:01:33	16.02	51.42	33.82	8.24	8.01	5.3	2.792	102.6
542	8/26/2012 7:16:33	15.87	51.42	33.82	8.20	8.01	5.1	2.850	101.8
543	8/26/2012 7:31:33	15.70	51.43	33.82	8.19	8.00	4.9	2.914	101.3
544	8/26/2012 7:46:33	15.42	51.42	33.81	8.18	8.00	5.1	2.972	100.7
545	8/26/2012 8:01:33	15.24	51.42	33.81	8.15	7.99	5.0	3.014	99.9
546	8/26/2012 8:16:33	15.10	51.43	33.81	8.13	7.99	4.7	3.061	99.4
547	8/26/2012 8:31:33	15.00	51.42	33.80	8.13	7.99	4.6	3.102	99.2
548	8/26/2012 8:46:33	14.90	51.45	33.82	8.07	7.98	4.0	3.127	98.3
549	8/26/2012 9:01:33	15.32	51.45	33.83	7.93	7.99	4.5	3.142	97.4
550	8/26/2012 9:16:33	15.02	51.45	33.83	7.85	7.97	3.7	3.141	95.9
551	8/26/2012 9:31:33	14.82	51.43	33.80	7.91	7.97	4.2	3.132	96.2
552	8/26/2012 9:46:33	15.00	51.43	33.81	7.95	7.98	10.2	3.101	97.0
553	8/26/2012 10:01:33	15.27	51.44	33.82	7.92	7.98	4.5	3.058	97.2
554	8/26/2012 10:16:33	15.91	51.45	33.84	7.82	7.97	5.1	3.010	97.1
555	8/26/2012 10:31:33	15.83	51.45	33.84	7.95	7.99	5.0	2.966	98.7
556	8/26/2012 10:46:33	15.87	51.45	33.85	8.13	8.00	5.0	2.903	101.0
557	8/26/2012 11:01:33	15.93	51.42	33.82	8.30	8.01	4.8	2.839	103.2
558	8/26/2012 11:16:33	16.04	51.44	33.84	8.29	8.01	7.5	2.783	103.3
559	8/26/2012 11:31:33	16.18	51.42	33.83	8.32	8.02	4.3	2.726	104.0
560	8/26/2012 11:46:33	16.22	51.45	33.85	8.43	8.03	4.7	2.679	105.3
561	8/26/2012 12:01:33	16.36	51.47	33.87	8.55	8.04	5.9	2.620	107.1
562	8/26/2012 12:16:33	16.41	51.45	33.86	8.99	8.07	4.5	2.580	112.8
563	8/26/2012 12:31:33	16.59	51.42	33.84	8.84	8.06	4.2	2.552	111.3
564	8/26/2012 12:46:33	16.75	51.44	33.85	8.93	8.07	4.3	2.503	112.9
565	8/26/2012 13:01:33	16.91	51.45	33.86	8.62	8.06	4.2	2.476	109.2
566	8/26/2012 13:16:33	17.09	51.46	33.87	8.73	8.07	4.1	2.457	111.0
567	8/26/2012 13:31:33	17.17	51.45	33.86	8.67	8.06	4.0	2.443	110.3
568	8/26/2012 13:46:33	17.12	51.48	33.88	8.77	8.06	4.5	2.440	111.6
569	8/26/2012 14:01:33	17.06	51.45	33.86	8.59	8.05	4.4	2.457	109.1
570	8/26/2012 14:16:33	17.00	51.46	33.87	8.50	8.04	4.5	2.473	107.9
571	8/26/2012 14:31:33	16.94	51.46	33.87	8.30	8.03	5.9	2.497	105.2
572	8/26/2012 14:46:33	16.90	51.47	33.88	8.26	8.03	6.2	2.539	104.6
573	8/26/2012 15:01:33	16.85	51.45	33.86	8.28	8.03	5.5	2.574	104.7
574	8/26/2012 15:16:33	16.79	51.44	33.85	8.31	8.02	5.6	2.630	105.0
575	8/26/2012 15:31:33	16.65	51.44	33.85	8.30	8.02	5.4	2.686	104.7
576	8/26/2012 15:46:33	16.45	51.45	33.85	8.20	8.01	5.4	2.734	103.0
577	8/26/2012 16:01:33	16.33	51.44	33.85	8.18	8.00	5.0	2.802	102.5
578	8/26/2012 16:16:33	16.18	51.43	33.83	8.14	8.00	5.1	2.866	101.7
579	8/26/2012 16:31:33	15.88	51.42	33.82	8.11	7.99	6.8	2.931	100.7
580	8/26/2012 16:46:33	15.74	51.39	33.80	8.20	7.99	4.8	2.999	101.5
581	8/26/2012 17:01:33	15.53	51.45	33.84	8.30	7.99	6.0	3.069	102.3
582	8/26/2012 17:16:33	15.42	51.44	33.83	8.31	7.99	4.4	3.145	102.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
583	8/26/2012 17:31:33	15.17	51.42	33.81	8.32	7.99	4.8	3.217	101.8
584	8/26/2012 17:46:33	14.58	51.46	33.82	8.31	7.98	5.2	3.290	100.6
585	8/26/2012 18:01:33	14.34	51.46	33.81	8.35	7.99	4.3	3.363	100.6
586	8/26/2012 18:16:33	14.11	51.48	33.82	8.42	7.99	4.6	3.440	101.0
587	8/26/2012 18:31:33	13.92	51.48	33.82	8.55	8.00	5.0	3.509	102.0
588	8/26/2012 18:46:33	13.61	51.49	33.81	8.74	8.01	5.0	3.572	103.7
589	8/26/2012 19:01:33	13.31	51.51	33.81	8.91	8.02	4.4	3.640	105.1
590	8/26/2012 19:16:34	13.17	51.52	33.82	8.95	8.02	4.1	3.685	105.3
591	8/26/2012 19:31:33	13.00	51.50	33.80	9.05	8.03	4.2	3.730	106.0
592	8/26/2012 19:46:33	12.95	51.53	33.82	9.09	8.03	3.4	3.764	106.4
593	8/26/2012 20:01:34	12.93	51.53	33.82	9.00	8.03	3.1	3.785	105.4
594	8/26/2012 20:16:34	13.19	51.53	33.82	8.80	8.02	4.7	3.792	103.5
595	8/26/2012 20:31:33	12.94	51.53	33.81	8.94	8.03	3.2	3.784	104.7
596	8/26/2012 20:46:33	12.99	51.52	33.81	8.96	8.03	3.8	3.752	105.0
597	8/26/2012 21:01:33	13.05	51.49	33.79	8.93	8.03	3.7	3.709	104.7
598	8/26/2012 21:16:33	13.83	51.48	33.81	8.43	8.00	5.0	3.658	100.5
599	8/26/2012 21:31:33	14.42	51.48	33.83	8.23	8.00	6.1	3.581	99.2
600	8/26/2012 21:46:33	14.86	51.48	33.84	8.40	8.03	5.8	3.493	102.2
601	8/26/2012 22:01:33	15.15	51.47	33.84	8.61	8.05	6.6	3.406	105.4
602	8/26/2012 22:16:33	15.06	51.47	33.84	8.62	8.04	7.6	3.308	105.3
603	8/26/2012 22:31:33	15.04	51.47	33.84	8.53	8.03	6.1	3.215	104.2
604	8/26/2012 22:46:33	15.22	51.45	33.83	8.42	8.03	5.1	3.107	103.2
605	8/26/2012 23:01:33	15.45	51.46	33.85	8.35	8.02	5.7	2.998	102.8
606	8/26/2012 23:16:33	15.81	51.49	33.87	8.26	8.02	5.9	2.904	102.5
607	8/26/2012 23:31:33	16.36	51.45	33.85	8.23	8.03	5.9	2.791	103.2
608	8/26/2012 23:46:33	16.25	51.47	33.86	8.10	8.02	5.8	2.670	101.3
609	8/27/2012 0:01:33	15.86	51.47	33.86	8.07	8.00	6.7	2.550	100.2
610	8/27/2012 0:16:33	15.89	51.49	33.87	7.94	8.00	7.8	2.447	98.6
611	8/27/2012 0:31:33	16.14	51.47	33.87	7.98	8.01	7.5	2.321	99.6
612	8/27/2012 0:46:33	16.21	51.50	33.89	7.93	8.01	7.2	2.181	99.1
613	8/27/2012 1:01:33	16.44	51.51	33.90	7.99	8.02	7.2	2.059	100.4
614	8/27/2012 1:16:33	16.59	51.51	33.90	7.85	8.01	7.2	1.949	98.8
615	8/27/2012 1:31:33	16.86	51.51	33.91	7.89	8.02	6.9	1.832	99.9
616	8/27/2012 1:46:33	17.14	51.48	33.88	7.94	8.04	7.3	1.711	101.1
617	8/27/2012 2:01:33	17.37	51.49	33.89	8.01	8.05	6.4	1.615	102.5
618	8/27/2012 2:16:33	17.39	51.51	33.91	7.95	8.05	6.4	1.552	101.7
619	8/27/2012 2:31:33	17.53	51.51	33.91	7.94	8.06	11.9	1.483	101.8
620	8/27/2012 2:46:33	17.66	51.53	33.93	7.98	8.07	5.9	1.438	102.6
621	8/27/2012 3:01:33	18.09	51.56	33.96	8.19	8.11	5.2	1.436	106.2
622	8/27/2012 3:16:33	17.70	51.54	33.94	8.07	8.08	5.5	1.453	103.9
623	8/27/2012 3:31:33	18.02	51.57	33.96	8.33	8.11	4.8	1.470	107.9
624	8/27/2012 3:46:33	17.97	51.55	33.95	8.34	8.11	4.8	1.523	107.9
625	8/27/2012 4:01:33	18.04	51.55	33.94	8.51	8.13	5.3	1.595	110.2
626	8/27/2012 4:16:33	17.99	51.55	33.95	8.53	8.13	5.1	1.656	110.3
627	8/27/2012 4:31:33	18.03	51.43	33.86	8.25	8.10	15.2	1.733	106.8
628	8/27/2012 4:46:33	18.11	51.33	33.79	7.98	8.07	8.6	1.806	103.4
629	8/27/2012 5:01:33	18.08	51.30	33.76	7.91	8.06	8.7	1.877	102.5
630	8/27/2012 5:16:33	17.95	51.37	33.81	8.05	8.07	8.6	1.948	104.0
631	8/27/2012 5:31:33	17.71	51.44	33.86	8.14	8.07	7.0	2.030	104.7
632	8/27/2012 5:46:33	17.61	51.45	33.87	8.16	8.07	7.7	2.112	104.7
633	8/27/2012 6:01:33	17.49	51.46	33.87	8.17	8.07	6.7	2.177	104.7
634	8/27/2012 6:16:33	17.30	51.45	33.87	8.13	8.05	6.5	2.270	103.8
635	8/27/2012 6:31:33	17.03	51.45	33.86	8.04	8.03	6.8	2.357	102.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
636	8/27/2012 6:46:33	16.86	51.46	33.87	8.00	8.02	5.9	2.444	101.3
637	8/27/2012 7:01:33	16.75	51.48	33.88	7.98	8.02	6.0	2.530	100.8
638	8/27/2012 7:16:33	16.62	51.46	33.87	7.98	8.01	6.1	2.601	100.6
639	8/27/2012 7:31:33	16.49	51.47	33.87	8.02	8.01	5.9	2.689	100.8
640	8/27/2012 7:46:33	16.37	51.47	33.87	8.00	8.01	6.2	2.762	100.4
641	8/27/2012 8:01:33	16.17	51.43	33.84	7.98	8.00	6.4	2.835	99.7
642	8/27/2012 8:16:33	16.01	51.46	33.85	7.92	7.99	6.1	2.907	98.7
643	8/27/2012 8:31:33	15.76	51.43	33.82	7.91	7.99	6.5	2.967	98.0
644	8/27/2012 8:46:33	15.44	51.42	33.82	7.93	7.98	5.9	3.045	97.7
645	8/27/2012 9:01:33	15.22	51.45	33.83	7.95	7.98	5.5	3.094	97.5
646	8/27/2012 9:16:33	15.11	51.45	33.83	7.94	7.98	5.3	3.152	97.1
647	8/27/2012 9:31:33	14.74	51.44	33.81	8.00	7.98	4.7	3.201	97.1
648	8/27/2012 9:46:33	14.40	51.43	33.79	8.09	7.98	4.3	3.241	97.6
649	8/27/2012 10:01:33	14.30	51.47	33.82	8.11	7.98	3.7	3.270	97.6
650	8/27/2012 10:16:33	14.63	51.44	33.81	8.01	7.98	3.6	3.275	97.0
651	8/27/2012 10:31:33	14.20	51.46	33.81	8.05	7.98	3.9	3.271	96.7
652	8/27/2012 10:46:33	14.26	51.44	33.80	8.06	7.98	4.2	3.247	96.8
653	8/27/2012 11:01:33	14.44	51.46	33.82	8.00	7.98	4.7	3.210	96.5
654	8/27/2012 11:16:33	15.25	51.50	33.87	8.11	7.99	4.7	3.156	99.5
655	8/27/2012 11:31:33	15.41	51.45	33.83	8.08	8.00	6.1	3.082	99.4
656	8/27/2012 11:46:33	15.62	51.44	33.83	8.30	8.01	5.7	3.017	102.5
657	8/27/2012 12:01:33	16.00	51.38	33.80	8.44	8.03	5.6	2.957	105.0
658	8/27/2012 12:16:33	16.22	51.44	33.84	8.46	8.03	5.4	2.880	105.8
659	8/27/2012 12:31:33	16.42	51.45	33.86	8.21	8.03	5.5	2.817	103.1
660	8/27/2012 12:46:33	16.60	51.46	33.86	8.20	8.03	5.1	2.751	103.3
661	8/27/2012 13:01:33	16.82	51.46	33.87	8.25	8.04	5.0	2.690	104.4
662	8/27/2012 13:16:33	17.05	51.47	33.88	8.18	8.04	5.2	2.638	104.0
663	8/27/2012 13:31:33	17.24	51.47	33.88	8.26	8.04	5.0	2.579	105.4
664	8/27/2012 13:46:33	17.39	51.46	33.87	8.36	8.05	5.1	2.533	106.9
665	8/27/2012 14:01:33	17.49	51.45	33.87	8.43	8.06	4.7	2.493	108.0
666	8/27/2012 14:16:33	17.66	51.45	33.87	8.62	8.07	4.8	2.456	110.8
667	8/27/2012 14:31:33	17.76	51.46	33.88	8.62	8.08	3.9	2.427	111.0
668	8/27/2012 14:46:33	17.96	51.44	33.87	8.97	8.10	4.0	2.402	116.0
669	8/27/2012 15:01:33	17.87	51.46	33.88	9.52	8.12	6.5	2.399	122.8
670	8/27/2012 15:16:33	17.95	51.46	33.88	9.34	8.11	4.4	2.412	120.8
671	8/27/2012 15:31:33	17.79	51.46	33.88	8.91	8.09	4.4	2.421	114.9
672	8/27/2012 15:46:33	17.77	51.38	33.81	8.99	8.09	5.3	2.448	115.7
673	8/27/2012 16:01:33	17.82	51.44	33.86	8.83	8.08	4.7	2.492	113.8
674	8/27/2012 16:16:33	17.68	51.46	33.87	8.74	8.07	5.1	2.552	112.4
675	8/27/2012 16:31:33	17.49	51.48	33.89	8.59	8.06	4.9	2.600	110.1
676	8/27/2012 16:46:33	17.53	51.46	33.88	8.67	8.06	4.8	2.663	111.1
677	8/27/2012 17:01:33	17.31	51.45	33.87	8.69	8.06	4.8	2.728	110.9
678	8/27/2012 17:16:33	17.14	51.46	33.87	8.62	8.05	4.7	2.797	109.8
679	8/27/2012 17:31:33	16.71	51.41	33.83	8.45	8.03	4.8	2.871	106.6
680	8/27/2012 17:46:33	16.66	51.44	33.85	8.49	8.03	4.8	2.932	107.0
681	8/27/2012 18:01:33	16.15	51.44	33.84	8.40	8.01	4.8	3.015	104.9
682	8/27/2012 18:16:33	15.73	51.44	33.83	8.33	8.00	4.7	3.082	103.1
683	8/27/2012 18:31:33	15.58	51.45	33.84	8.33	8.00	4.7	3.162	102.8
684	8/27/2012 18:46:33	15.17	51.46	33.83	8.35	8.00	4.8	3.242	102.3
685	8/27/2012 19:01:33	14.80	51.45	33.82	8.48	8.00	6.1	3.320	103.0
686	8/27/2012 19:16:33	14.49	51.46	33.82	8.60	8.01	5.9	3.403	103.9
687	8/27/2012 19:31:33	14.21	51.46	33.81	8.90	8.03	5.7	3.478	106.9
688	8/27/2012 19:46:33	13.93	51.48	33.81	9.17	8.04	6.3	3.558	109.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	8/27/2012 20:01:33	13.68	51.48	33.81	9.40	8.06	6.5	3.627	111.7
690	8/27/2012 20:16:33	13.55	51.46	33.79	9.54	8.07	5.2	3.681	113.0
691	8/27/2012 20:31:33	13.50	51.49	33.80	9.58	8.07	4.8	3.749	113.4
692	8/27/2012 20:46:33	13.34	51.48	33.80	9.87	8.09	4.8	3.793	116.5
693	8/27/2012 21:01:33	13.27	51.47	33.78	9.97	8.10	3.6	3.829	117.4
694	8/27/2012 21:16:33	13.26	51.47	33.78	9.90	8.10	3.0	3.848	116.6
695	8/27/2012 21:31:33	13.53	51.49	33.81	9.57	8.08	3.9	3.862	113.4
696	8/27/2012 21:46:33	13.29	51.49	33.80	9.98	8.10	3.2	3.847	117.6
697	8/27/2012 22:01:33	13.30	51.48	33.79	10.10	8.10	3.8	3.800	119.0
698	8/27/2012 22:16:33	13.70	51.49	33.82	9.32	8.06	5.0	3.752	110.8
699	8/27/2012 22:31:33	14.06	51.47	33.81	8.83	8.03	4.8	3.690	105.7
700	8/27/2012 22:46:33	14.37	51.46	33.82	8.41	8.01	5.4	3.598	101.3
701	8/27/2012 23:01:33	14.80	51.50	33.85	8.85	8.05	6.2	3.495	107.6
702	8/27/2012 23:16:33	15.22	51.47	33.84	8.92	8.07	7.6	3.385	109.3
703	8/27/2012 23:31:33	15.17	51.46	33.84	8.93	8.06	6.2	3.289	109.4
704	8/27/2012 23:46:33	15.23	51.46	33.84	8.86	8.06	5.7	3.175	108.6
705	8/28/2012 0:01:33	15.47	51.46	33.84	8.62	8.04	6.1	3.056	106.2
706	8/28/2012 0:16:33	15.94	51.46	33.85	8.38	8.03	6.2	2.946	104.2
707	8/28/2012 0:31:33	16.37	51.44	33.85	8.22	8.02	7.3	2.825	103.0
708	8/28/2012 0:46:33	16.44	51.46	33.86	8.16	8.02	6.7	2.711	102.5
709	8/28/2012 1:01:33	16.18	51.44	33.84	8.21	8.01	7.0	2.588	102.6
710	8/28/2012 1:16:33	16.23	51.47	33.86	8.27	8.02	8.0	2.456	103.4
711	8/28/2012 1:31:33	16.38	51.47	33.87	8.17	8.02	11.1	2.315	102.5
712	8/28/2012 1:46:33	16.57	51.48	33.88	8.21	8.02	8.4	2.201	103.4
713	8/28/2012 2:01:33	16.67	51.51	33.90	8.09	8.02	8.1	2.057	102.0
714	8/28/2012 2:16:33	17.05	51.50	33.90	8.08	8.03	8.1	1.918	102.7
715	8/28/2012 2:31:33	17.45	51.51	33.91	8.19	8.05	9.9	1.790	104.9
716	8/28/2012 2:46:33	17.68	51.50	33.91	8.21	8.06	7.6	1.681	105.6
717	8/28/2012 3:01:33	17.93	51.52	33.92	8.26	8.07	7.0	1.580	106.7
718	8/28/2012 3:16:33	18.14	51.53	33.93	8.32	8.09	6.7	1.486	108.0
719	8/28/2012 3:31:33	18.31	51.52	33.92	8.34	8.10	7.1	1.408	108.6
720	8/28/2012 3:46:33	18.74	51.56	33.96	8.53	8.13	5.9	1.382	111.9
721	8/28/2012 4:01:33	18.80	51.57	33.96	8.54	8.13	6.2	1.378	112.3
722	8/28/2012 4:16:33	18.89	51.57	33.97	8.73	8.14	5.5	1.381	114.9
723	8/28/2012 4:31:33	18.94	51.59	33.98	8.82	8.15	5.7	1.427	116.2
724	8/28/2012 4:46:33	18.83	51.58	33.97	8.79	8.15	5.3	1.488	115.6
725	8/28/2012 5:01:33	18.83	51.58	33.97	8.86	8.15	5.5	1.568	116.5
726	8/28/2012 5:16:33	18.72	51.56	33.96	8.80	8.14	6.1	1.638	115.5
727	8/28/2012 5:31:33	18.96	51.33	33.79	8.26	8.09	9.5	1.710	108.8
728	8/28/2012 5:46:33	18.94	51.32	33.78	8.16	8.08	10.3	1.802	107.4
729	8/28/2012 6:01:33	18.74	51.39	33.83	8.29	8.09	8.5	1.883	108.8
730	8/28/2012 6:16:33	18.54	51.42	33.86	8.38	8.09	7.3	1.960	109.6
731	8/28/2012 6:31:33	18.39	51.42	33.85	8.41	8.09	7.1	2.039	109.6
732	8/28/2012 6:46:33	18.25	51.45	33.87	8.37	8.08	7.0	2.136	108.8
733	8/28/2012 7:01:33	18.01	51.46	33.88	8.33	8.07	7.3	2.235	107.7
734	8/28/2012 7:16:33	17.73	51.45	33.87	8.27	8.06	7.6	2.318	106.4
735	8/28/2012 7:31:33	17.44	51.46	33.88	8.17	8.04	6.8	2.420	104.6
736	8/28/2012 7:46:33	17.25	51.46	33.87	8.14	8.03	7.2	2.511	103.8
737	8/28/2012 8:01:33	17.05	51.47	33.88	8.13	8.03	7.2	2.603	103.3
738	8/28/2012 8:16:33	16.91	51.46	33.87	8.16	8.03	7.0	2.698	103.3
739	8/28/2012 8:31:33	16.68	51.47	33.87	8.15	8.02	7.2	2.775	102.9
740	8/28/2012 8:46:33	16.50	51.45	33.86	8.14	8.01	7.1	2.864	102.3
741	8/28/2012 9:01:33	16.23	51.43	33.84	8.14	8.01	8.0	2.954	101.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
742	8/28/2012 9:16:33	15.78	51.42	33.82	8.15	8.00	8.3	3.026	101.0
743	8/28/2012 9:31:33	15.64	51.40	33.80	8.16	8.00	8.1	3.099	100.8
744	8/28/2012 9:46:33	15.22	51.44	33.83	8.28	8.00	7.8	3.170	101.5
745	8/28/2012 10:01:33	14.71	51.44	33.81	8.61	8.02	7.5	3.243	104.4
746	8/28/2012 10:16:33	14.47	51.44	33.81	8.77	8.03	6.1	3.300	105.8
747	8/28/2012 10:31:33	14.30	51.41	33.78	8.94	8.04	5.6	3.351	107.5
748	8/28/2012 10:46:33	14.21	51.42	33.78	9.05	8.05	4.8	3.400	108.6
749	8/28/2012 11:01:33	14.16	51.44	33.79	9.09	8.06	4.2	3.422	109.1
750	8/28/2012 11:16:33	14.37	51.46	33.82	8.88	8.04	10.8	3.427	107.0
751	8/28/2012 11:31:33	14.27	51.42	33.78	8.91	8.04	5.3	3.410	107.1
752	8/28/2012 11:46:33	14.30	51.41	33.78	8.91	8.04	4.8	3.376	107.2
753	8/28/2012 12:01:33	14.45	51.44	33.81	8.92	8.04	5.6	3.317	107.6
754	8/28/2012 12:16:33	14.95	51.42	33.80	8.92	8.05	7.3	3.238	108.7
755	8/28/2012 12:31:33	15.73	51.38	33.79	9.05	8.07	7.4	3.162	112.0
756	8/28/2012 12:46:33	15.95	51.43	33.83	9.21	8.08	6.5	3.079	114.5
757	8/28/2012 13:01:33	16.29	51.43	33.84	9.11	8.09	6.9	2.996	114.1
758	8/28/2012 13:16:33	16.67	51.43	33.85	8.90	8.07	6.6	2.909	112.2
759	8/28/2012 13:31:33	16.79	51.44	33.85	8.67	8.06	7.0	2.832	109.5
760	8/28/2012 13:46:33	17.15	51.39	33.82	8.61	8.06	6.4	2.757	109.6
761	8/28/2012 14:01:33	17.43	51.44	33.86	9.05	8.10	6.5	2.687	115.8
762	8/28/2012 14:16:33	17.65	51.43	33.85	8.81	8.08	13.4	2.606	113.3
763	8/28/2012 14:31:33	17.78	51.47	33.88	8.99	8.09	5.6	2.542	115.9
764	8/28/2012 14:46:33	17.97	51.45	33.87	9.04	8.10	7.0	2.474	116.9
765	8/28/2012 15:01:33	18.18	51.46	33.88	9.32	8.12	14.5	2.410	121.1
766	8/28/2012 15:16:33	18.36	51.45	33.88	9.63	8.14	12.5	2.360	125.4
767	8/28/2012 15:31:33	18.54	51.47	33.89	9.65	8.15	7.7	2.320	126.1
768	8/28/2012 15:46:33	18.73	51.45	33.87	10.12	8.18	5.6	2.284	132.8
769	8/28/2012 16:01:33	18.85	51.45	33.88	10.38	8.20	5.2	2.261	136.5
770	8/28/2012 16:16:33	18.75	51.44	33.87	10.82	8.22	6.0	2.266	142.0
771	8/28/2012 16:31:33	18.69	51.45	33.87	10.22	8.18	4.8	2.277	133.9
772	8/28/2012 16:46:33	18.75	51.45	33.87	9.79	8.15	4.3	2.311	128.4
773	8/28/2012 17:01:33	18.67	51.47	33.89	9.53	8.14	5.1	2.353	124.8
774	8/28/2012 17:16:33	18.63	51.48	33.89	9.38	8.13	5.7	2.410	122.9
775	8/28/2012 17:31:33	18.37	51.47	33.89	9.18	8.11	6.2	2.489	119.6
776	8/28/2012 17:46:33	18.80	51.40	33.84	9.01	8.10	7.1	2.558	118.3
777	8/28/2012 18:01:33	18.35	51.42	33.85	9.12	8.10	6.4	2.635	118.8
778	8/28/2012 18:16:33	18.05	51.42	33.85	9.09	8.09	5.9	2.717	117.7
779	8/28/2012 18:31:33	17.62	51.45	33.87	8.99	8.08	5.5	2.797	115.5
780	8/28/2012 18:46:33	17.10	51.43	33.84	8.83	8.06	6.0	2.871	112.3
781	8/28/2012 19:01:33	16.59	51.43	33.84	8.69	8.04	5.5	2.943	109.4
782	8/28/2012 19:16:33	16.39	51.44	33.85	8.71	8.04	4.9	3.025	109.2
783	8/28/2012 19:31:33	16.25	51.44	33.84	8.72	8.04	5.9	3.111	109.1
784	8/28/2012 19:46:33	15.93	51.44	33.84	8.80	8.04	6.0	3.189	109.4
785	8/28/2012 20:01:33	15.43	51.44	33.83	8.83	8.04	6.4	3.278	108.7
786	8/28/2012 20:16:33	15.10	51.43	33.81	8.88	8.04	7.0	3.364	108.6
787	8/28/2012 20:31:33	14.60	51.39	33.77	9.14	8.05	7.9	3.456	110.6
788	8/28/2012 20:46:33	14.10	51.43	33.78	9.23	8.05	8.4	3.540	110.6
789	8/28/2012 21:01:33	13.79	51.45	33.79	9.32	8.05	9.4	3.617	111.0
790	8/28/2012 21:16:33	13.55	51.45	33.78	9.50	8.06	7.6	3.701	112.6
791	8/28/2012 21:31:33	13.20	51.44	33.76	9.71	8.07	6.6	3.768	114.2
792	8/28/2012 21:46:33	13.03	51.45	33.76	9.92	8.08	7.3	3.822	116.3
793	8/28/2012 22:01:33	12.85	51.48	33.77	10.05	8.09	4.7	3.859	117.4
794	8/28/2012 22:16:33	12.82	51.47	33.77	10.01	8.09	4.5	3.893	116.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	8/28/2012 22:31:34	13.21	51.30	33.66	9.74	8.08	3.2	3.902	114.5
796	8/28/2012 22:46:33	12.85	51.45	33.75	9.89	8.08	3.8	3.874	115.5
797	8/28/2012 23:01:33	12.96	51.46	33.76	9.88	8.08	4.2	3.839	115.6
798	8/28/2012 23:16:33	13.51	51.46	33.78	9.29	8.05	5.0	3.784	109.9
799	8/28/2012 23:31:33	13.82	51.44	33.78	9.02	8.04	5.4	3.701	107.5
800	8/28/2012 23:46:33	13.79	51.47	33.80	9.10	8.04	5.0	3.609	108.4
801	8/29/2012 0:01:33	14.64	51.44	33.81	9.15	8.07	5.8	3.494	110.8
802	8/29/2012 0:16:33	15.18	51.43	33.82	9.17	8.08	8.4	3.392	112.3
803	8/29/2012 0:31:33	15.20	51.45	33.83	9.06	8.07	7.0	3.276	111.1
804	8/29/2012 0:46:33	15.51	51.45	33.84	8.91	8.06	6.3	3.155	109.8
805	8/29/2012 1:01:33	15.78	51.46	33.85	8.74	8.06	6.8	3.032	108.3
806	8/29/2012 1:16:33	16.10	51.44	33.84	8.62	8.05	7.3	2.912	107.5
807	8/29/2012 1:31:33	16.48	51.46	33.86	8.54	8.05	8.7	2.793	107.3
808	8/29/2012 1:46:33	15.69	51.45	33.84	8.57	8.03	7.0	2.656	106.1
809	8/29/2012 2:01:33	16.18	51.43	33.84	8.48	8.05	10.0	2.519	105.9
810	8/29/2012 2:16:33	15.69	51.45	33.84	8.57	8.03	9.4	2.373	106.0
811	8/29/2012 2:31:33	16.56	51.46	33.87	8.50	8.05	9.3	2.247	107.0
812	8/29/2012 2:46:33	16.87	51.49	33.89	8.49	8.06	8.3	2.104	107.5
813	8/29/2012 3:01:33	17.04	51.48	33.88	8.46	8.06	8.2	1.958	107.4
814	8/29/2012 3:16:33	17.32	51.43	33.85	8.43	8.07	7.6	1.821	107.6
815	8/29/2012 3:31:33	17.74	51.53	33.93	8.44	8.08	7.2	1.694	108.7
816	8/29/2012 3:46:33	17.93	51.53	33.93	8.40	8.09	7.3	1.570	108.6
817	8/29/2012 4:01:33	18.43	51.57	33.96	8.53	8.12	6.7	1.452	111.4
818	8/29/2012 4:16:33	18.35	51.55	33.95	8.48	8.11	6.5	1.379	110.4
819	8/29/2012 4:31:33	18.74	51.59	33.98	8.53	8.13	7.6	1.331	112.0
820	8/29/2012 4:46:33	18.78	51.57	33.96	8.49	8.13	7.3	1.301	111.5
821	8/29/2012 5:01:33	18.55	51.58	33.97	8.42	8.11	7.0	1.300	110.1
822	8/29/2012 5:16:33	19.18	51.64	34.01	8.85	8.18	5.4	1.356	117.2
823	8/29/2012 5:31:33	19.01	51.62	34.00	8.76	8.16	5.6	1.413	115.5
824	8/29/2012 5:46:33	19.10	51.60	33.98	8.82	8.17	6.5	1.476	116.6
825	8/29/2012 6:01:33	19.02	51.60	33.98	8.85	8.17	5.4	1.567	116.8
826	8/29/2012 6:16:33	19.03	51.45	33.87	8.43	8.12	9.2	1.658	111.2
827	8/29/2012 6:31:33	19.09	51.34	33.80	8.16	8.10	10.6	1.730	107.7
828	8/29/2012 6:46:33	18.87	51.43	33.86	8.42	8.11	8.6	1.820	110.7
829	8/29/2012 7:01:33	18.61	51.47	33.89	8.50	8.11	7.8	1.923	111.2
830	8/29/2012 7:16:33	18.45	51.46	33.88	8.50	8.11	7.5	2.001	110.9
831	8/29/2012 7:31:33	18.30	51.47	33.89	8.48	8.10	7.2	2.097	110.4
832	8/29/2012 7:46:33	18.10	51.46	33.88	8.42	8.09	6.7	2.199	109.1
833	8/29/2012 8:01:33	17.69	51.48	33.89	8.35	8.06	7.6	2.304	107.4
834	8/29/2012 8:16:33	17.52	51.47	33.88	8.31	8.06	7.3	2.396	106.6
835	8/29/2012 8:31:33	17.40	51.48	33.89	8.28	8.05	7.9	2.499	105.9
836	8/29/2012 8:46:33	17.19	51.47	33.88	8.31	8.05	7.8	2.595	105.9
837	8/29/2012 9:01:33	16.99	51.41	33.83	8.33	8.04	7.9	2.690	105.6
838	8/29/2012 9:16:33	16.78	51.44	33.86	8.33	8.04	8.4	2.786	105.3
839	8/29/2012 9:31:33	16.54	51.45	33.86	8.32	8.03	8.5	2.872	104.7
840	8/29/2012 9:46:33	16.15	51.42	33.83	8.28	8.02	9.0	2.960	103.4
841	8/29/2012 10:01:33	15.77	51.38	33.79	8.28	8.01	9.2	3.050	102.6
842	8/29/2012 10:16:33	15.26	51.41	33.80	8.34	8.01	10.8	3.132	102.3
843	8/29/2012 10:31:33	14.53	51.40	33.77	8.53	8.01	9.2	3.212	103.1
844	8/29/2012 10:46:33	14.14	51.44	33.79	8.64	8.01	8.4	3.285	103.6
845	8/29/2012 11:01:33	13.86	51.44	33.79	8.76	8.02	7.5	3.358	104.4
846	8/29/2012 11:16:33	13.70	51.46	33.79	8.77	8.02	6.5	3.411	104.2
847	8/29/2012 11:31:34	13.54	51.45	33.78	8.78	8.02	4.5	3.455	104.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	8/29/2012 11:46:33	13.42	51.46	33.78	8.69	8.01	3.6	3.489	102.7
	Mean	16.02	51.25	33.69	8.43	8.04	6.48	2.69	104.87
	Minimum	12.05	49.50	32.44	6.94	7.90	2.90	1.30	86.80
	Maximum	19.18	51.64	34.01	10.82	8.22	23.80	3.90	142.00

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
0	8/29/2012 12:30:50	13.70	50.96	33.43	8.04	8.02	6.5	3.332	95.3
1	8/29/2012 12:45:50	13.97	50.96	33.44	8.08	8.04	6.4	3.278	96.3
2	8/29/2012 13:00:49	14.90	50.85	33.38	8.20	8.07	7.8	3.189	99.6
3	8/29/2012 13:15:50	15.38	50.93	33.45	8.48	8.09	8.6	3.086	104.1
4	8/29/2012 13:30:50	15.74	51.10	33.58	8.40	8.09	8.7	3.000	103.8
5	8/29/2012 13:45:50	16.25	51.10	33.59	8.28	8.09	7.9	2.898	103.4
6	8/29/2012 14:00:50	16.68	51.02	33.54	8.20	8.09	7.1	2.808	103.2
7	8/29/2012 14:15:50	17.02	51.15	33.64	8.09	8.09	7.2	2.709	102.6
8	8/29/2012 14:30:50	17.37	51.08	33.60	8.20	8.10	7.0	2.624	104.6
9	8/29/2012 14:45:50	17.49	51.22	33.70	8.31	8.10	6.2	2.535	106.4
10	8/29/2012 15:00:50	17.56	51.18	33.67	8.49	8.12	6.1	2.445	108.8
11	8/29/2012 15:15:49	17.67	51.02	33.55	8.66	8.13	5.5	2.366	111.2
12	8/29/2012 15:30:50	17.74	51.24	33.72	9.31	8.17	5.5	2.284	119.7
13	8/29/2012 15:45:50	17.82	51.17	33.66	9.18	8.17	7.0	2.213	118.2
14	8/29/2012 16:00:50	17.98	51.27	33.74	9.23	8.17	5.7	2.139	119.2
15	8/29/2012 16:15:49	18.21	51.12	33.63	9.43	8.20	4.8	2.080	122.3
16	8/29/2012 16:30:50	18.17	51.33	33.78	9.56	8.21	5.6	2.034	124.1
17	8/29/2012 16:45:50	18.45	51.21	33.69	9.45	8.22	5.0	2.015	123.2
18	8/29/2012 17:00:49	18.29	51.03	33.56	10.22	8.27	5.9	2.003	132.7
19	8/29/2012 17:15:50	18.41	51.35	33.80	9.52	8.21	5.0	2.001	124.1
20	8/29/2012 17:30:50	18.77	51.37	33.81	9.13	8.19	4.5	2.044	119.8
21	8/29/2012 17:45:50	18.79	51.29	33.76	9.01	8.18	4.5	2.084	118.3
22	8/29/2012 18:00:50	19.05	51.29	33.76	9.03	8.19	4.8	2.142	119.0
23	8/29/2012 18:15:50	18.82	51.37	33.81	8.90	8.17	5.7	2.216	116.9
24	8/29/2012 18:30:50	18.80	51.40	33.84	8.73	8.15	6.8	2.298	114.7
25	8/29/2012 18:45:50	18.76	51.32	33.78	8.66	8.14	7.2	2.378	113.5
26	8/29/2012 19:00:49	18.31	51.34	33.79	8.68	8.14	6.5	2.453	112.9
27	8/29/2012 19:15:49	18.07	51.29	33.75	8.58	8.13	6.3	2.542	111.1
28	8/29/2012 19:30:50	17.79	51.39	33.83	8.47	8.11	6.2	2.622	109.1
29	8/29/2012 19:45:50	17.07	51.39	33.82	8.17	8.08	5.9	2.697	103.9
30	8/29/2012 20:00:50	16.71	51.32	33.76	8.09	8.07	6.5	2.785	102.0
31	8/29/2012 20:15:50	16.46	51.35	33.78	8.04	8.07	6.5	2.871	101.0
32	8/29/2012 20:30:50	16.20	51.39	33.81	8.02	8.07	6.8	2.951	100.3
33	8/29/2012 20:45:50	15.76	51.42	33.82	8.06	8.06	6.7	3.043	99.9
34	8/29/2012 21:00:50	15.41	51.23	33.67	8.05	8.06	7.8	3.137	99.0
35	8/29/2012 21:15:50	14.85	51.20	33.64	8.22	8.06	7.8	3.230	99.9
36	8/29/2012 21:30:50	14.33	51.42	33.78	8.23	8.05	8.5	3.321	99.1
37	8/29/2012 21:45:50	13.95	51.33	33.71	8.28	8.05	9.2	3.411	98.8
38	8/29/2012 22:00:50	13.49	51.47	33.79	8.41	8.05	7.8	3.502	99.5
39	8/29/2012 22:15:50	13.20	51.31	33.66	8.58	8.06	6.7	3.574	100.9
40	8/29/2012 22:30:49	12.96	51.42	33.73	8.76	8.08	5.3	3.646	102.5
41	8/29/2012 22:45:49	12.81	51.32	33.65	8.82	8.08	5.0	3.699	102.8
42	8/29/2012 23:00:50	12.82	51.35	33.68	8.80	8.08	4.1	3.743	102.6
43	8/29/2012 23:15:50	12.76	51.47	33.76	8.75	8.08	3.6	3.764	102.0
44	8/29/2012 23:30:50	13.12	51.49	33.80	8.49	8.07	3.5	3.766	99.7
45	8/29/2012 23:45:50	12.87	51.46	33.76	8.63	8.07	4.2	3.745	100.8
46	8/30/2012 0:00:50	13.11	51.49	33.79	8.49	8.07	4.4	3.689	99.6
47	8/30/2012 0:15:50	13.35	51.39	33.73	8.31	8.06	6.1	3.612	98.0
48	8/30/2012 0:30:50	14.32	51.54	33.87	7.92	8.06	8.8	3.535	95.3
49	8/30/2012 0:45:50	13.72	51.38	33.74	8.20	8.06	6.1	3.421	97.5
50	8/30/2012 1:00:50	14.85	51.62	33.95	7.86	8.06	7.5	3.299	95.6
51	8/30/2012 1:15:50	14.82	51.44	33.81	8.04	8.07	7.8	3.187	97.7
52	8/30/2012 1:30:50	15.07	51.47	33.84	7.89	8.06	7.6	3.060	96.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	8/30/2012 1:45:50	15.36	51.45	33.83	7.81	8.06	7.6	2.930	96.0
54	8/30/2012 2:00:50	15.89	51.55	33.92	7.74	8.06	8.4	2.808	96.2
55	8/30/2012 2:15:50	16.26	51.53	33.91	7.62	8.07	7.9	2.682	95.4
56	8/30/2012 2:30:50	16.46	51.57	33.94	7.48	8.06	8.1	2.551	94.0
57	8/30/2012 2:45:50	16.22	51.49	33.88	7.64	8.06	8.7	2.419	95.5
58	8/30/2012 3:00:50	16.13	51.59	33.95	7.62	8.06	8.8	2.280	95.2
59	8/30/2012 3:15:50	16.46	51.68	34.02	7.62	8.07	10.4	2.139	95.8
60	8/30/2012 3:30:50	16.63	51.66	34.01	7.60	8.07	8.4	2.014	95.9
61	8/30/2012 3:45:50	16.80	51.65	34.01	7.43	8.06	9.0	1.870	94.1
62	8/30/2012 4:00:50	17.11	51.47	33.88	7.41	8.06	8.4	1.739	94.3
63	8/30/2012 4:15:50	17.56	51.70	34.05	7.47	8.09	8.4	1.600	96.0
64	8/30/2012 4:30:49	17.80	51.55	33.95	7.55	8.09	7.3	1.480	97.3
65	8/30/2012 4:45:50	17.93	51.70	34.06	7.58	8.10	7.4	1.366	98.0
66	8/30/2012 5:00:49	18.22	51.42	33.85	7.63	8.11	6.4	1.285	99.1
67	8/30/2012 5:15:50	18.45	51.78	34.12	7.65	8.13	10.3	1.225	100.0
68	8/30/2012 5:30:50	18.61	51.71	34.06	7.74	8.14	8.1	1.191	101.4
69	8/30/2012 5:45:50	18.34	51.69	34.05	7.47	8.11	7.6	1.201	97.4
70	8/30/2012 6:00:50	19.03	51.84	34.16	7.96	8.18	5.4	1.231	105.1
71	8/30/2012 6:15:50	18.93	51.77	34.11	7.96	8.18	5.4	1.299	105.0
72	8/30/2012 6:30:50	18.97	51.73	34.08	8.00	8.18	5.7	1.385	105.5
73	8/30/2012 6:45:50	18.87	51.81	34.14	7.94	8.17	6.2	1.468	104.6
74	8/30/2012 7:00:49	18.97	51.36	33.81	7.51	8.13	9.5	1.570	98.9
75	8/30/2012 7:15:50	19.00	51.47	33.89	7.32	8.12	10.6	1.656	96.5
76	8/30/2012 7:30:50	18.74	51.65	34.02	7.50	8.13	9.7	1.756	98.5
77	8/30/2012 7:45:50	18.48	51.59	33.98	7.58	8.12	8.3	1.852	99.0
78	8/30/2012 8:00:50	18.35	51.63	34.01	7.55	8.12	7.6	1.941	98.4
79	8/30/2012 8:15:50	18.14	51.64	34.01	7.56	8.11	8.4	2.044	98.1
80	8/30/2012 8:30:50	17.66	51.68	34.04	7.47	8.08	8.3	2.154	96.1
81	8/30/2012 8:45:50	17.43	51.62	33.99	7.44	8.07	7.5	2.252	95.3
82	8/30/2012 9:00:50	17.25	51.57	33.95	7.43	8.07	7.7	2.355	94.8
83	8/30/2012 9:15:50	16.97	51.54	33.93	7.43	8.06	8.1	2.463	94.2
84	8/30/2012 9:30:50	16.76	51.65	34.01	7.41	8.05	9.0	2.561	93.8
85	8/30/2012 9:45:50	16.53	51.62	33.98	7.44	8.05	8.7	2.657	93.6
86	8/30/2012 10:00:50	16.32	51.57	33.94	7.43	8.04	9.9	2.752	93.1
87	8/30/2012 10:15:50	15.89	51.41	33.81	7.50	8.04	12.0	2.850	93.1
88	8/30/2012 10:30:50	15.52	51.44	33.83	7.58	8.03	11.5	2.941	93.5
89	8/30/2012 10:45:50	14.80	51.50	33.86	7.69	8.02	10.8	3.031	93.5
90	8/30/2012 11:00:50	14.33	51.27	33.67	7.77	8.02	11.2	3.121	93.4
91	8/30/2012 11:15:50	13.99	51.52	33.85	7.83	8.02	11.0	3.205	93.6
92	8/30/2012 11:30:50	13.78	51.56	33.87	7.86	8.02	10.2	3.282	93.6
93	8/30/2012 11:45:50	13.41	51.58	33.87	7.84	8.02	8.4	3.351	92.7
94	8/30/2012 12:00:50	12.95	51.60	33.87	7.77	8.00	6.5	3.412	91.0
95	8/30/2012 12:15:50	12.76	51.63	33.88	7.72	8.00	5.1	3.447	90.0
96	8/30/2012 12:30:50	12.62	51.65	33.89	7.64	8.00	3.7	3.465	88.9
97	8/30/2012 12:45:50	12.66	51.72	33.94	7.55	7.99	4.2	3.465	87.9
98	8/30/2012 13:00:50	12.64	51.70	33.92	7.54	7.99	5.6	3.433	87.8
99	8/30/2012 13:15:50	13.04	51.37	33.70	7.62	8.00	8.5	3.365	89.3
100	8/30/2012 13:30:50	13.54	51.30	33.67	7.72	8.02	8.4	3.297	91.3
101	8/30/2012 13:45:50	14.66	51.65	33.96	8.09	8.06	8.4	3.203	98.2
102	8/30/2012 14:00:50	14.93	51.50	33.86	8.19	8.07	8.7	3.089	99.8
103	8/30/2012 14:15:50	15.38	51.58	33.93	7.92	8.06	10.4	2.993	97.5
104	8/30/2012 14:30:49	15.66	51.25	33.69	7.92	8.07	8.8	2.890	97.8
105	8/30/2012 14:45:50	16.16	51.47	33.87	7.89	8.07	7.8	2.788	98.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
106	8/30/2012 15:00:50	16.48	51.48	33.88	7.83	8.08	8.8	2.686	98.3
107	8/30/2012 15:15:50	16.66	51.59	33.96	7.85	8.08	7.3	2.589	99.0
108	8/30/2012 15:30:50	16.90	51.64	34.00	7.96	8.09	7.0	2.495	100.9
109	8/30/2012 15:45:49	17.20	51.23	33.70	8.35	8.12	6.3	2.395	106.2
110	8/30/2012 16:00:49	16.93	51.24	33.71	8.80	8.14	5.7	2.300	111.4
111	8/30/2012 16:15:49	17.04	51.16	33.65	8.82	8.14	5.9	2.208	111.9
112	8/30/2012 16:30:50	17.16	51.43	33.85	8.97	8.16	5.8	2.119	114.2
113	8/30/2012 16:45:50	17.46	51.38	33.81	9.02	8.17	5.4	2.035	115.5
114	8/30/2012 17:00:50	17.72	51.54	33.94	9.01	8.17	5.1	1.968	116.0
115	8/30/2012 17:15:50	17.96	51.50	33.91	8.98	8.18	5.0	1.908	116.2
116	8/30/2012 17:30:50	18.07	51.59	33.98	9.33	8.20	4.8	1.863	120.9
117	8/30/2012 17:45:50	18.30	51.72	34.07	9.52	8.22	4.6	1.854	124.0
118	8/30/2012 18:00:50	17.96	51.74	34.09	9.90	8.23	5.1	1.853	128.2
119	8/30/2012 18:15:50	18.43	51.54	33.94	9.07	8.20	4.5	1.861	118.3
120	8/30/2012 18:30:50	18.57	51.65	34.02	8.64	8.17	4.3	1.916	113.2
121	8/30/2012 18:45:50	18.60	51.71	34.07	8.55	8.17	5.0	1.968	112.0
122	8/30/2012 19:00:50	18.48	51.67	34.04	8.43	8.16	5.6	2.043	110.1
123	8/30/2012 19:15:50	18.51	51.48	33.90	8.17	8.13	8.6	2.132	106.8
124	8/30/2012 19:30:50	18.42	51.59	33.97	8.04	8.12	8.4	2.218	105.0
125	8/30/2012 19:45:50	18.02	51.59	33.98	8.17	8.12	6.8	2.309	105.8
126	8/30/2012 20:00:50	17.76	51.56	33.95	8.16	8.11	7.3	2.401	105.1
127	8/30/2012 20:15:50	17.34	51.72	34.06	8.02	8.10	6.9	2.491	102.6
128	8/30/2012 20:30:50	16.80	51.58	33.96	7.68	8.06	6.5	2.576	97.1
129	8/30/2012 20:45:50	16.56	51.62	33.98	7.54	8.05	6.3	2.665	95.0
130	8/30/2012 21:00:50	16.33	51.56	33.93	7.51	8.04	6.7	2.754	94.1
131	8/30/2012 21:15:50	16.07	51.54	33.91	7.57	8.04	7.0	2.845	94.3
132	8/30/2012 21:30:50	15.66	51.51	33.88	7.64	8.04	7.4	2.934	94.5
133	8/30/2012 21:45:50	15.30	51.62	33.96	7.67	8.03	8.6	3.029	94.2
134	8/30/2012 22:00:50	14.84	51.51	33.86	7.73	8.03	9.7	3.123	94.1
135	8/30/2012 22:15:50	14.30	51.42	33.78	7.74	8.01	9.0	3.218	93.0
136	8/30/2012 22:30:50	13.86	51.61	33.91	7.73	8.01	8.7	3.312	92.3
137	8/30/2012 22:45:50	13.40	51.48	33.79	7.75	8.00	9.1	3.399	91.5
138	8/30/2012 23:00:50	12.96	51.54	33.82	7.72	7.99	9.8	3.484	90.4
139	8/30/2012 23:15:50	12.69	51.44	33.74	7.79	7.99	8.1	3.559	90.6
140	8/30/2012 23:30:50	12.49	51.54	33.80	7.82	8.00	5.5	3.621	90.6
141	8/30/2012 23:45:50	12.45	51.73	33.94	7.81	8.00	4.5	3.666	90.5
142	8/31/2012 0:00:50	12.49	51.53	33.79	7.76	8.00	3.8	3.694	89.9
143	8/31/2012 0:15:50	12.90	51.57	33.84	7.67	8.00	5.1	3.723	89.7
144	8/31/2012 0:30:50	12.55	51.69	33.92	7.61	7.99	4.2	3.694	88.4
145	8/31/2012 0:45:50	12.57	51.62	33.87	7.67	7.99	6.0	3.644	89.1
146	8/31/2012 1:00:50	12.70	51.70	33.93	7.63	7.99	5.2	3.591	88.9
147	8/31/2012 1:15:50	13.48	51.53	33.83	7.40	7.99	7.5	3.510	87.6
148	8/31/2012 1:30:50	13.25	51.72	33.96	7.41	7.98	7.3	3.395	87.4
149	8/31/2012 1:45:50	14.36	51.70	33.99	7.41	8.01	9.5	3.273	89.3
150	8/31/2012 2:00:50	14.59	51.51	33.86	7.48	8.02	7.9	3.166	90.5
151	8/31/2012 2:15:50	14.85	51.59	33.92	7.39	8.02	6.8	3.042	90.0
152	8/31/2012 2:30:50	15.20	51.52	33.88	7.33	8.02	6.9	2.913	89.8
153	8/31/2012 2:45:50	15.56	51.60	33.95	7.30	8.03	7.2	2.799	90.2
154	8/31/2012 3:00:50	16.17	51.62	33.97	7.18	8.03	7.6	2.671	89.8
155	8/31/2012 3:15:50	16.08	51.44	33.84	7.31	8.04	8.2	2.543	91.1
156	8/31/2012 3:30:50	15.61	51.61	33.96	7.29	8.02	7.0	2.417	90.1
157	8/31/2012 3:45:50	15.86	51.59	33.94	7.29	8.03	8.7	2.273	90.6
158	8/31/2012 4:00:50	15.76	51.54	33.91	7.29	8.02	8.1	2.160	90.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
159	8/31/2012 4:15:50	16.03	51.43	33.83	7.24	8.02	8.3	2.020	90.2
160	8/31/2012 4:30:50	16.37	51.83	34.14	7.12	8.03	8.5	1.876	89.5
161	8/31/2012 4:45:50	16.63	51.68	34.03	7.13	8.04	8.1	1.762	90.0
162	8/31/2012 5:00:50	16.85	51.62	33.99	7.16	8.04	7.9	1.626	90.6
163	8/31/2012 5:15:50	17.19	51.58	33.96	7.25	8.06	8.1	1.513	92.4
164	8/31/2012 5:30:50	17.48	51.54	33.93	7.33	8.07	7.6	1.418	93.9
165	8/31/2012 5:45:50	17.63	51.46	33.88	7.35	8.08	10.9	1.334	94.4
166	8/31/2012 6:00:50	17.86	51.77	34.11	7.41	8.10	8.4	1.291	95.8
167	8/31/2012 6:15:50	17.93	51.68	34.04	7.45	8.10	7.8	1.271	96.4
168	8/31/2012 6:30:50	17.78	51.55	33.95	7.34	8.09	6.8	1.292	94.6
169	8/31/2012 6:45:50	18.13	51.65	34.02	7.59	8.13	5.1	1.330	98.5
170	8/31/2012 7:00:49	18.10	51.53	33.93	7.56	8.12	5.1	1.394	98.1
171	8/31/2012 7:15:50	18.14	51.76	34.10	7.60	8.13	5.2	1.475	98.7
172	8/31/2012 7:30:50	18.03	51.80	34.13	7.54	8.12	5.3	1.562	97.8
173	8/31/2012 7:45:50	18.08	51.63	34.01	7.17	8.09	9.0	1.667	93.0
174	8/31/2012 8:00:50	18.08	51.62	34.00	7.02	8.07	10.5	1.758	91.1
175	8/31/2012 8:15:50	17.83	51.71	34.06	7.16	8.08	8.7	1.858	92.5
176	8/31/2012 8:30:50	17.66	51.58	33.96	7.18	8.07	8.2	1.960	92.4
177	8/31/2012 8:45:50	17.57	51.35	33.80	7.19	8.07	7.6	2.055	92.2
178	8/31/2012 9:00:50	17.17	51.51	33.91	7.15	8.05	7.9	2.159	91.0
179	8/31/2012 9:15:50	16.92	51.54	33.93	7.14	8.04	7.6	2.267	90.6
180	8/31/2012 9:30:50	16.74	51.59	33.96	7.14	8.03	7.5	2.373	90.3
181	8/31/2012 9:45:50	16.58	51.60	33.97	7.15	8.03	8.2	2.471	90.1
182	8/31/2012 10:00:50	16.32	51.51	33.89	7.15	8.02	7.9	2.578	89.5
183	8/31/2012 10:15:50	16.08	51.43	33.83	7.15	8.02	9.7	2.679	89.1
184	8/31/2012 10:30:50	15.92	51.55	33.92	7.12	8.01	9.7	2.781	88.5
185	8/31/2012 10:45:50	15.48	51.50	33.87	7.14	8.00	11.4	2.876	87.9
186	8/31/2012 11:00:50	15.02	51.48	33.85	7.22	7.99	10.8	2.976	88.2
187	8/31/2012 11:15:50	14.54	51.50	33.85	7.31	7.99	10.8	3.077	88.4
188	8/31/2012 11:30:50	13.95	51.51	33.84	7.37	7.98	10.1	3.160	88.0
189	8/31/2012 11:45:50	13.61	51.31	33.68	7.41	7.98	10.4	3.256	87.9
190	8/31/2012 12:00:50	13.32	51.15	33.55	7.47	7.98	9.0	3.342	87.9
191	8/31/2012 12:15:50	13.07	51.73	33.97	7.42	7.98	8.3	3.416	87.2
192	8/31/2012 12:30:50	12.66	51.45	33.74	7.34	7.97	8.0	3.473	85.4
193	8/31/2012 12:45:50	12.28	51.58	33.82	7.31	7.96	5.1	3.515	84.4
194	8/31/2012 13:00:50	12.14	51.62	33.84	7.26	7.96	3.6	3.546	83.6
195	8/31/2012 13:15:50	12.62	51.65	33.88	7.26	7.97	4.3	3.546	84.4
196	8/31/2012 13:30:50	12.30	51.32	33.63	7.16	7.96	3.6	3.522	82.6
197	8/31/2012 13:45:50	12.52	51.66	33.89	7.19	7.96	8.9	3.468	83.4
198	8/31/2012 14:00:50	12.85	51.44	33.74	7.34	7.97	9.8	3.395	85.7
199	8/31/2012 14:15:50	13.93	51.67	33.95	7.87	8.03	8.3	3.305	94.0
200	8/31/2012 14:30:50	13.98	51.66	33.95	8.09	8.04	7.1	3.194	96.8
201	8/31/2012 14:45:50	14.86	51.40	33.78	7.72	8.03	10.4	3.082	94.0
202	8/31/2012 15:00:50	15.06	51.49	33.86	7.63	8.03	8.8	2.974	93.2
203	8/31/2012 15:15:50	15.52	51.59	33.94	7.69	8.04	7.5	2.867	94.9
204	8/31/2012 15:30:50	16.00	51.50	33.88	7.72	8.06	8.1	2.763	96.1
205	8/31/2012 15:45:50	16.20	51.43	33.83	7.74	8.06	7.8	2.651	96.7
206	8/31/2012 16:00:50	16.24	51.44	33.84	7.89	8.06	6.6	2.547	98.6
207	8/31/2012 16:15:50	16.48	51.46	33.86	8.30	8.09	6.2	2.442	104.3
208	8/31/2012 16:30:50	16.26	51.35	33.78	8.58	8.11	6.0	2.335	107.4
209	8/31/2012 16:45:50	16.31	51.50	33.89	8.70	8.11	6.6	2.232	108.9
210	8/31/2012 17:00:50	16.55	51.32	33.76	8.81	8.12	6.1	2.128	110.8
211	8/31/2012 17:15:50	16.79	51.72	34.06	8.85	8.13	6.1	2.031	112.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
212	8/31/2012 17:30:50	17.00	51.47	33.88	8.86	8.14	6.1	1.938	112.5
213	8/31/2012 17:45:50	17.06	51.60	33.97	8.84	8.15	5.3	1.862	112.4
214	8/31/2012 18:00:50	17.29	51.75	34.09	8.62	8.14	5.5	1.798	110.2
215	8/31/2012 18:15:50	17.47	51.59	33.97	8.39	8.14	4.8	1.757	107.5
216	8/31/2012 18:30:50	17.52	51.56	33.95	8.84	8.17	4.6	1.727	113.4
217	8/31/2012 18:45:50	17.25	51.65	34.02	9.49	8.19	4.8	1.736	121.1
218	8/31/2012 19:00:50	17.76	51.55	33.94	8.77	8.17	4.6	1.754	113.1
219	8/31/2012 19:15:50	17.84	51.55	33.95	8.49	8.15	4.8	1.796	109.5
220	8/31/2012 19:30:50	18.03	51.58	33.97	8.51	8.16	5.7	1.863	110.3
221	8/31/2012 19:45:50	17.92	51.52	33.92	8.44	8.15	5.7	1.937	109.0
222	8/31/2012 20:00:50	17.89	51.61	33.99	7.98	8.11	10.0	2.042	103.1
223	8/31/2012 20:15:50	17.90	51.66	34.03	7.91	8.10	9.5	2.142	102.3
224	8/31/2012 20:30:50	17.55	51.66	34.02	8.00	8.10	8.4	2.223	102.7
225	8/31/2012 20:45:50	17.31	51.39	33.82	8.02	8.09	7.1	2.327	102.4
226	8/31/2012 21:00:49	17.05	51.28	33.73	7.96	8.08	6.9	2.426	101.0
227	8/31/2012 21:15:49	16.60	51.13	33.62	7.60	8.05	7.4	2.510	95.6
228	8/31/2012 21:30:50	16.41	51.58	33.95	7.46	8.03	6.4	2.595	93.6
229	8/31/2012 21:45:50	16.23	51.42	33.83	7.37	8.02	6.7	2.690	92.2
230	8/31/2012 22:00:50	15.96	51.64	33.99	7.37	8.02	7.3	2.780	91.8
231	8/31/2012 22:15:50	15.62	51.47	33.85	7.40	8.01	7.9	2.869	91.4
232	8/31/2012 22:30:50	15.37	51.50	33.87	7.42	8.01	7.4	2.958	91.2
233	8/31/2012 22:45:50	15.14	51.54	33.90	7.45	8.01	9.2	3.052	91.2
234	8/31/2012 23:00:50	14.48	51.60	33.92	7.44	7.99	9.5	3.151	89.9
235	8/31/2012 23:15:50	14.05	51.54	33.86	7.41	7.98	9.2	3.232	88.7
236	8/31/2012 23:30:50	13.54	51.20	33.59	7.40	7.97	9.5	3.330	87.6
237	8/31/2012 23:45:50	13.02	51.34	33.68	7.40	7.96	8.1	3.419	86.6
238	9/1/2012 0:00:50	12.75	51.48	33.77	7.42	7.96	8.1	3.491	86.5
239	9/1/2012 0:15:50	12.66	51.60	33.86	7.41	7.96	5.7	3.558	86.2
240	9/1/2012 0:30:50	12.44	51.57	33.82	7.41	7.96	4.8	3.615	85.8
241	9/1/2012 0:45:50	12.31	51.70	33.91	7.36	7.96	3.9	3.650	85.1
242	9/1/2012 1:00:50	12.81	51.19	33.56	7.26	7.97	3.9	3.668	84.6
243	9/1/2012 1:15:50	12.48	51.56	33.82	7.23	7.96	3.7	3.658	83.8
244	9/1/2012 1:30:50	12.45	51.65	33.88	7.23	7.96	3.9	3.624	83.8
245	9/1/2012 1:45:50	13.26	51.60	33.88	7.09	7.96	6.7	3.551	83.6
246	9/1/2012 2:00:50	13.86	51.77	34.03	7.02	7.96	7.8	3.472	83.8
247	9/1/2012 2:15:50	13.50	51.75	34.00	7.12	7.96	5.6	3.378	84.3
248	9/1/2012 2:30:50	13.81	51.57	33.88	7.11	7.96	6.3	3.261	84.8
249	9/1/2012 2:45:50	14.57	51.33	33.72	7.08	7.98	7.5	3.151	85.6
250	9/1/2012 3:00:50	14.89	51.71	34.02	7.04	7.99	6.8	3.024	85.9
251	9/1/2012 3:15:50	15.24	51.44	33.82	7.09	8.00	7.6	2.907	86.9
252	9/1/2012 3:30:50	15.43	51.67	34.00	7.09	8.00	8.1	2.787	87.4
253	9/1/2012 3:45:50	15.67	51.39	33.79	7.11	8.00	7.9	2.675	88.0
254	9/1/2012 4:00:50	16.10	51.74	34.07	7.02	8.01	7.9	2.557	87.7
255	9/1/2012 4:15:50	15.46	51.68	34.00	6.93	7.99	7.2	2.428	85.4
256	9/1/2012 4:30:50	15.21	51.68	34.00	6.99	7.98	7.2	2.292	85.8
257	9/1/2012 4:45:50	15.46	51.32	33.74	7.02	7.98	8.1	2.176	86.4
258	9/1/2012 5:00:50	15.64	51.83	34.12	6.94	7.99	8.1	2.045	85.9
259	9/1/2012 5:15:50	15.98	51.45	33.85	7.04	8.01	8.5	1.922	87.6
260	9/1/2012 5:30:50	16.05	51.77	34.08	6.88	8.00	7.7	1.789	85.9
261	9/1/2012 5:45:50	16.29	51.70	34.04	6.93	8.00	6.9	1.681	86.9
262	9/1/2012 6:00:50	16.60	51.71	34.05	7.06	8.03	7.2	1.561	89.0
263	9/1/2012 6:15:50	16.77	51.75	34.08	7.14	8.03	6.4	1.493	90.3
264	9/1/2012 6:30:50	16.88	51.37	33.80	7.14	8.04	6.0	1.440	90.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	9/1/2012 6:45:50	17.04	51.63	34.00	7.18	8.05	5.6	1.389	91.3
266	9/1/2012 7:00:50	17.03	51.86	34.17	7.17	8.05	5.3	1.413	91.2
267	9/1/2012 7:15:50	17.33	51.85	34.16	7.38	8.09	4.8	1.435	94.4
268	9/1/2012 7:30:50	17.34	51.70	34.05	7.40	8.09	5.0	1.475	94.7
269	9/1/2012 7:45:50	17.41	51.77	34.10	7.42	8.09	5.2	1.554	95.1
270	9/1/2012 8:00:50	17.33	51.59	33.97	7.42	8.09	4.9	1.646	94.9
271	9/1/2012 8:15:50	17.25	51.77	34.10	7.24	8.07	6.8	1.741	92.5
272	9/1/2012 8:30:50	17.21	51.38	33.82	7.01	8.05	9.4	1.827	89.3
273	9/1/2012 8:45:50	17.07	51.40	33.82	7.11	8.05	8.2	1.939	90.3
274	9/1/2012 9:00:50	16.89	51.67	34.02	7.07	8.04	7.6	2.026	89.6
275	9/1/2012 9:15:50	16.79	51.57	33.95	7.04	8.04	7.6	2.126	89.0
276	9/1/2012 9:30:50	16.66	51.52	33.91	7.05	8.03	6.7	2.226	88.9
277	9/1/2012 9:45:50	16.42	51.69	34.03	6.99	8.02	7.9	2.325	87.8
278	9/1/2012 10:00:50	16.22	51.59	33.95	6.98	8.01	6.9	2.430	87.3
279	9/1/2012 10:15:50	16.12	51.55	33.92	6.98	8.00	6.9	2.518	87.2
280	9/1/2012 10:30:50	15.95	51.34	33.77	7.00	8.00	7.8	2.633	87.0
281	9/1/2012 10:45:50	15.72	51.55	33.91	6.97	7.99	9.0	2.728	86.3
282	9/1/2012 11:00:50	15.55	51.44	33.83	7.01	7.99	8.6	2.818	86.4
283	9/1/2012 11:15:50	15.35	51.67	33.99	7.01	7.98	9.4	2.919	86.2
284	9/1/2012 11:30:50	14.81	51.48	33.84	7.04	7.97	11.1	3.013	85.6
285	9/1/2012 11:45:50	14.36	51.54	33.88	7.08	7.96	10.4	3.108	85.4
286	9/1/2012 12:00:50	13.71	51.71	33.98	7.06	7.95	9.8	3.196	84.1
287	9/1/2012 12:15:50	13.25	51.66	33.92	7.05	7.94	8.6	3.282	83.2
288	9/1/2012 12:30:50	12.98	51.75	33.98	7.08	7.94	8.2	3.371	83.0
289	9/1/2012 12:45:50	12.80	51.44	33.74	7.14	7.95	7.3	3.449	83.2
290	9/1/2012 13:00:50	12.60	51.79	33.99	7.30	7.96	6.7	3.509	84.9
291	9/1/2012 13:15:50	12.39	51.57	33.82	7.54	7.97	5.0	3.555	87.3
292	9/1/2012 13:30:50	12.32	51.61	33.85	7.65	7.98	4.0	3.596	88.4
293	9/1/2012 13:45:50	12.95	51.65	33.90	7.50	7.98	5.1	3.611	87.8
294	9/1/2012 14:00:50	12.49	51.74	33.95	7.48	7.97	3.8	3.586	86.8
295	9/1/2012 14:15:50	12.48	51.63	33.87	7.50	7.97	5.9	3.538	87.0
296	9/1/2012 14:30:50	12.68	51.44	33.74	7.52	7.97	6.8	3.475	87.5
297	9/1/2012 14:45:50	13.78	51.48	33.81	7.79	8.01	8.0	3.390	92.7
298	9/1/2012 15:00:50	13.94	51.62	33.92	7.95	8.02	8.4	3.276	95.1
299	9/1/2012 15:15:50	14.57	51.38	33.77	7.62	8.01	9.8	3.165	92.1
300	9/1/2012 15:30:50	14.84	51.42	33.80	7.56	8.01	8.0	3.058	92.0
301	9/1/2012 15:45:50	15.26	51.51	33.88	7.69	8.03	7.9	2.941	94.4
302	9/1/2012 16:00:50	15.82	51.69	34.02	7.84	8.05	7.7	2.836	97.4
303	9/1/2012 16:15:50	15.90	51.42	33.82	7.80	8.04	8.7	2.724	96.9
304	9/1/2012 16:30:50	16.49	51.58	33.95	8.10	8.08	7.7	2.605	101.9
305	9/1/2012 16:45:50	16.51	51.62	33.98	8.24	8.08	6.5	2.508	103.7
306	9/1/2012 17:00:50	16.37	51.66	34.01	8.35	8.07	7.1	2.391	104.8
307	9/1/2012 17:15:50	16.16	51.63	33.98	8.50	8.09	5.8	2.283	106.2
308	9/1/2012 17:30:50	16.27	51.57	33.94	8.65	8.10	5.7	2.168	108.3
309	9/1/2012 17:45:50	16.54	51.62	33.98	8.85	8.12	6.3	2.070	111.5
310	9/1/2012 18:00:50	16.67	51.61	33.97	9.07	8.14	5.8	1.962	114.5
311	9/1/2012 18:15:50	16.88	51.69	34.04	8.77	8.13	5.8	1.858	111.1
312	9/1/2012 18:30:50	17.05	51.54	33.93	8.68	8.12	5.7	1.791	110.4
313	9/1/2012 18:45:50	17.19	51.51	33.91	8.81	8.14	5.4	1.730	112.2
314	9/1/2012 19:00:50	17.25	51.50	33.90	8.78	8.15	5.1	1.677	112.0
315	9/1/2012 19:15:50	17.52	51.57	33.96	8.86	8.16	5.4	1.659	113.6
316	9/1/2012 19:30:50	17.26	51.61	33.98	9.19	8.17	5.8	1.682	117.3
317	9/1/2012 19:45:49	17.85	51.48	33.90	8.97	8.17	4.7	1.717	115.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
318	9/1/2012 20:00:50	17.83	51.73	34.08	8.79	8.16	5.0	1.745	113.6
319	9/1/2012 20:15:50	17.99	51.68	34.04	8.91	8.17	5.7	1.836	115.3
320	9/1/2012 20:30:50	17.81	51.62	34.00	8.77	8.15	6.1	1.931	113.2
321	9/1/2012 20:45:50	18.11	51.58	33.97	8.14	8.10	9.7	2.008	105.5
322	9/1/2012 21:00:50	17.96	51.66	34.03	8.17	8.10	8.7	2.097	105.7
323	9/1/2012 21:15:50	17.60	51.68	34.04	8.23	8.10	7.9	2.204	105.8
324	9/1/2012 21:30:50	17.42	51.62	33.99	8.24	8.09	7.0	2.293	105.5
325	9/1/2012 21:45:50	17.21	51.47	33.88	8.20	8.09	6.7	2.376	104.6
326	9/1/2012 22:00:50	16.68	51.52	33.91	7.75	8.04	6.7	2.463	97.8
327	9/1/2012 22:15:50	16.53	51.64	34.00	7.58	8.03	6.5	2.555	95.4
328	9/1/2012 22:30:50	16.34	51.58	33.95	7.49	8.02	6.6	2.645	93.9
329	9/1/2012 22:45:50	16.10	51.56	33.93	7.41	8.01	7.0	2.727	92.5
330	9/1/2012 23:00:50	15.83	51.52	33.90	7.39	8.00	6.6	2.812	91.7
331	9/1/2012 23:15:50	15.55	51.48	33.86	7.45	8.00	6.6	2.905	92.0
332	9/1/2012 23:30:50	15.38	51.60	33.94	7.46	8.00	7.8	2.992	91.8
333	9/1/2012 23:45:50	14.98	51.42	33.80	7.55	8.00	8.7	3.075	92.0
334	9/2/2012 0:00:50	14.45	51.28	33.68	7.65	7.99	8.6	3.166	92.2
335	9/2/2012 0:15:50	14.09	51.55	33.87	7.72	7.99	6.8	3.245	92.5
336	9/2/2012 0:30:50	13.54	51.31	33.68	7.90	7.99	7.6	3.331	93.5
337	9/2/2012 0:45:50	13.25	51.21	33.60	8.02	8.00	6.7	3.403	94.3
338	9/2/2012 1:00:50	13.14	51.47	33.78	8.04	8.00	5.0	3.462	94.5
339	9/2/2012 1:15:50	13.02	51.38	33.71	8.11	8.00	4.7	3.517	95.0
340	9/2/2012 1:30:50	12.98	51.36	33.69	8.13	8.01	4.7	3.550	95.2
341	9/2/2012 1:45:50	13.34	51.60	33.88	7.90	8.00	5.4	3.562	93.2
342	9/2/2012 2:00:50	13.02	51.53	33.82	7.97	8.00	3.7	3.555	93.5
343	9/2/2012 2:15:50	13.00	51.59	33.86	8.02	8.00	8.1	3.524	94.0
344	9/2/2012 2:30:50	13.34	51.42	33.75	7.81	7.99	6.3	3.455	92.1
345	9/2/2012 2:45:50	13.91	51.62	33.92	7.50	7.98	7.7	3.380	89.6
346	9/2/2012 3:00:50	14.05	51.71	33.99	7.38	7.97	6.5	3.291	88.4
347	9/2/2012 3:15:50	14.08	51.63	33.93	7.50	7.98	7.8	3.177	89.9
348	9/2/2012 3:30:50	14.89	51.75	34.04	7.15	7.98	7.4	3.071	87.2
349	9/2/2012 3:45:50	15.10	51.55	33.90	7.25	7.99	7.6	2.964	88.6
350	9/2/2012 4:00:50	15.44	51.49	33.87	7.15	7.99	6.7	2.850	88.1
351	9/2/2012 4:15:50	15.83	51.72	34.04	7.10	8.00	6.7	2.743	88.2
352	9/2/2012 4:30:50	16.22	51.65	34.00	6.95	8.00	7.0	2.624	86.9
353	9/2/2012 4:45:50	16.04	51.56	33.93	7.09	8.01	6.8	2.526	88.3
354	9/2/2012 5:00:50	15.88	51.44	33.84	7.01	7.99	7.1	2.405	87.0
355	9/2/2012 5:15:50	15.63	51.42	33.82	7.13	7.99	7.5	2.292	88.1
356	9/2/2012 5:30:50	15.59	51.56	33.92	7.10	7.98	8.6	2.167	87.7
357	9/2/2012 5:45:50	15.79	51.56	33.92	7.04	8.00	7.8	2.062	87.3
358	9/2/2012 6:00:50	15.82	51.44	33.84	7.10	7.99	6.8	1.953	88.1
359	9/2/2012 6:15:50	16.01	51.83	34.13	7.05	7.99	6.7	1.844	87.9
360	9/2/2012 6:30:50	16.14	51.75	34.07	6.94	7.99	6.4	1.754	86.7
361	9/2/2012 6:45:50	16.40	51.70	34.04	7.09	8.01	6.3	1.667	89.0
362	9/2/2012 7:00:50	16.58	51.63	33.99	7.11	8.02	5.7	1.609	89.6
363	9/2/2012 7:15:50	16.85	51.54	33.93	7.31	8.04	5.3	1.574	92.5
364	9/2/2012 7:30:50	16.90	51.71	34.05	7.36	8.05	4.7	1.546	93.3
365	9/2/2012 7:45:50	16.84	51.75	34.08	7.30	8.04	4.7	1.579	92.5
366	9/2/2012 8:00:50	16.98	51.63	33.99	7.43	8.06	4.6	1.617	94.4
367	9/2/2012 8:15:50	17.02	51.77	34.10	7.49	8.07	4.7	1.660	95.3
368	9/2/2012 8:30:50	17.10	51.72	34.06	7.55	8.08	5.0	1.744	96.1
369	9/2/2012 8:45:50	17.00	51.64	34.01	7.50	8.07	5.1	1.836	95.3
370	9/2/2012 9:00:50	16.97	51.66	34.02	7.20	8.04	8.1	1.926	91.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	9/2/2012 9:15:50	16.93	51.60	33.98	7.13	8.03	8.5	2.013	90.4
372	9/2/2012 9:30:50	16.73	51.71	34.05	7.19	8.03	7.6	2.117	90.9
373	9/2/2012 9:45:50	16.55	51.52	33.91	7.18	8.02	7.1	2.218	90.4
374	9/2/2012 10:00:50	16.51	51.68	34.03	7.17	8.02	6.6	2.300	90.2
375	9/2/2012 10:15:50	16.25	51.74	34.06	7.16	8.01	6.7	2.392	89.7
376	9/2/2012 10:30:50	16.13	51.37	33.79	7.18	8.00	7.7	2.495	89.6
377	9/2/2012 10:45:50	16.01	51.69	34.02	7.15	7.99	6.9	2.586	89.1
378	9/2/2012 11:00:50	15.85	51.60	33.96	7.17	7.99	6.9	2.679	89.1
379	9/2/2012 11:15:50	15.53	51.66	33.99	7.15	7.98	7.6	2.769	88.3
380	9/2/2012 11:30:50	15.35	51.59	33.94	7.17	7.98	8.5	2.861	88.2
381	9/2/2012 11:45:50	15.20	51.52	33.88	7.19	7.98	9.0	2.957	88.1
382	9/2/2012 12:00:50	14.73	51.44	33.81	7.31	7.97	10.0	3.048	88.8
383	9/2/2012 12:15:50	14.25	51.40	33.77	7.52	7.98	9.0	3.145	90.3
384	9/2/2012 12:30:50	13.80	51.52	33.84	7.65	7.98	9.5	3.227	91.2
385	9/2/2012 12:45:50	13.37	51.62	33.90	7.81	7.98	8.1	3.322	92.3
386	9/2/2012 13:00:50	13.15	51.34	33.69	7.95	7.99	7.8	3.405	93.4
387	9/2/2012 13:15:50	12.95	51.66	33.91	8.09	8.00	7.2	3.480	94.7
388	9/2/2012 13:30:50	12.85	51.42	33.73	8.16	8.00	6.9	3.547	95.3
389	9/2/2012 13:45:50	12.74	51.73	33.95	8.25	8.01	5.0	3.593	96.3
390	9/2/2012 14:00:50	12.72	51.66	33.90	8.30	8.02	4.4	3.632	96.7
391	9/2/2012 14:15:50	13.22	51.72	33.97	8.26	8.02	4.7	3.637	97.3
392	9/2/2012 14:30:50	12.72	51.60	33.86	8.22	8.01	4.3	3.615	95.8
393	9/2/2012 14:45:50	12.86	51.51	33.80	8.14	8.01	4.8	3.583	95.1
394	9/2/2012 15:00:50	12.96	51.66	33.91	8.23	8.01	5.0	3.513	96.5
395	9/2/2012 15:15:50	13.92	51.73	34.00	8.41	8.04	8.7	3.418	100.6
396	9/2/2012 15:30:50	13.90	51.46	33.80	8.89	8.06	7.3	3.313	106.1
397	9/2/2012 15:45:50	14.73	51.57	33.91	8.47	8.05	8.3	3.209	102.9
398	9/2/2012 16:00:50	14.91	51.65	33.97	8.30	8.05	7.3	3.104	101.2
399	9/2/2012 16:15:50	15.14	51.43	33.81	8.29	8.05	7.3	2.985	101.4
400	9/2/2012 16:30:50	15.75	51.68	34.01	8.39	8.07	7.5	2.875	104.0
401	9/2/2012 16:45:50	15.95	51.54	33.91	8.33	8.06	7.2	2.770	103.6
402	9/2/2012 17:00:50	16.17	51.55	33.92	8.36	8.06	6.8	2.670	104.5
403	9/2/2012 17:15:50	16.65	51.61	33.97	8.83	8.11	6.6	2.552	111.4
404	9/2/2012 17:30:50	16.42	51.61	33.97	8.89	8.10	6.6	2.435	111.6
405	9/2/2012 17:45:50	16.46	51.71	34.04	8.84	8.10	6.9	2.332	111.2
406	9/2/2012 18:00:50	16.28	51.60	33.96	9.30	8.12	6.0	2.215	116.4
407	9/2/2012 18:15:50	16.60	51.69	34.03	9.18	8.12	6.2	2.098	115.8
408	9/2/2012 18:30:50	16.88	51.56	33.94	9.26	8.13	6.1	1.987	117.3
409	9/2/2012 18:45:50	17.01	51.62	33.99	9.41	8.15	5.8	1.891	119.5
410	9/2/2012 19:00:50	17.00	51.51	33.91	9.59	8.17	5.4	1.813	121.8
411	9/2/2012 19:15:50	17.08	51.55	33.94	9.56	8.18	5.4	1.719	121.6
412	9/2/2012 19:30:50	17.36	51.78	34.11	9.30	8.16	5.7	1.661	119.1
413	9/2/2012 19:45:50	17.60	51.72	34.07	9.25	8.17	5.5	1.645	118.9
414	9/2/2012 20:00:49	17.80	51.48	33.89	9.19	8.17	5.5	1.623	118.5
415	9/2/2012 20:15:50	17.77	51.70	34.05	9.16	8.17	5.1	1.634	118.2
416	9/2/2012 20:30:50	18.06	51.74	34.09	9.32	8.18	4.7	1.682	120.9
417	9/2/2012 20:45:50	18.02	51.71	34.07	9.32	8.18	5.1	1.744	120.7
418	9/2/2012 21:00:50	17.99	51.77	34.11	9.31	8.18	5.3	1.801	120.6
419	9/2/2012 21:15:50	17.93	51.79	34.12	9.07	8.16	5.9	1.893	117.4
420	9/2/2012 21:30:50	18.29	51.48	33.90	8.40	8.11	10.1	1.983	109.3
421	9/2/2012 21:45:50	17.98	51.70	34.05	8.61	8.12	8.6	2.071	111.5
422	9/2/2012 22:00:50	17.71	51.64	34.01	8.62	8.11	7.9	2.159	111.0
423	9/2/2012 22:15:50	17.57	51.64	34.01	8.60	8.11	6.7	2.241	110.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
424	9/2/2012 22:30:50	17.38	51.41	33.84	8.62	8.11	7.4	2.343	110.2
425	9/2/2012 22:45:50	16.85	51.50	33.89	8.22	8.06	7.8	2.418	104.1
426	9/2/2012 23:00:50	16.66	51.59	33.96	8.06	8.05	6.8	2.501	101.7
427	9/2/2012 23:15:50	16.51	51.68	34.03	7.96	8.04	6.3	2.588	100.2
428	9/2/2012 23:30:50	16.32	51.36	33.78	7.91	8.03	6.2	2.669	99.0
429	9/2/2012 23:45:50	16.06	51.40	33.81	7.89	8.03	7.0	2.751	98.4
430	9/3/2012 0:00:50	15.78	51.62	33.97	7.92	8.03	7.0	2.831	98.3
431	9/3/2012 0:15:50	15.66	51.54	33.91	7.92	8.02	7.2	2.913	98.0
432	9/3/2012 0:30:50	15.39	51.53	33.89	7.99	8.02	7.3	2.994	98.3
433	9/3/2012 0:45:50	15.00	51.53	33.88	8.07	8.02	7.3	3.078	98.6
434	9/3/2012 1:00:50	14.57	51.59	33.91	8.14	8.02	7.3	3.152	98.6
435	9/3/2012 1:15:50	14.22	51.64	33.94	8.22	8.02	6.4	3.230	98.9
436	9/3/2012 1:30:50	13.81	51.43	33.78	8.38	8.02	6.1	3.293	99.8
437	9/3/2012 1:45:50	13.66	51.62	33.91	8.43	8.02	5.9	3.361	100.1
438	9/3/2012 2:00:50	13.49	51.59	33.88	8.53	8.03	4.7	3.407	100.9
439	9/3/2012 2:15:50	13.46	51.33	33.69	8.53	8.04	4.2	3.433	100.8
440	9/3/2012 2:30:50	13.92	51.58	33.89	8.25	8.02	5.3	3.455	98.5
441	9/3/2012 2:45:50	13.63	51.55	33.86	8.27	8.02	4.3	3.438	98.2
442	9/3/2012 3:00:50	13.48	51.31	33.68	8.46	8.03	5.7	3.405	100.0
443	9/3/2012 3:15:50	13.63	51.57	33.87	8.31	8.02	5.2	3.350	98.6
444	9/3/2012 3:30:50	14.22	51.29	33.68	7.99	8.01	7.3	3.269	95.9
445	9/3/2012 3:45:50	14.53	51.31	33.71	7.66	7.99	6.8	3.178	92.6
446	9/3/2012 4:00:50	14.37	51.42	33.79	7.78	7.99	6.2	3.089	93.7
447	9/3/2012 4:15:50	15.08	51.69	34.00	7.46	8.00	7.0	2.975	91.3
448	9/3/2012 4:30:50	15.58	51.65	33.98	7.32	8.00	7.2	2.869	90.4
449	9/3/2012 4:45:50	15.72	51.52	33.89	7.30	8.01	7.1	2.766	90.4
450	9/3/2012 5:00:50	16.03	51.57	33.93	7.13	8.00	6.6	2.687	88.9
451	9/3/2012 5:15:50	16.11	51.36	33.78	7.05	7.99	7.1	2.577	88.0
452	9/3/2012 5:30:50	16.04	51.79	34.10	7.22	8.00	7.2	2.471	90.0
453	9/3/2012 5:45:50	16.03	51.58	33.94	7.27	8.01	7.6	2.378	90.6
454	9/3/2012 6:00:50	15.75	51.64	33.98	7.06	7.98	8.4	2.271	87.6
455	9/3/2012 6:15:50	15.85	51.42	33.82	7.46	8.02	7.3	2.168	92.6
456	9/3/2012 6:30:50	15.88	51.83	34.12	7.53	8.02	7.1	2.083	93.7
457	9/3/2012 6:45:50	15.81	51.54	33.91	7.38	8.01	6.1	1.988	91.6
458	9/3/2012 7:00:50	16.02	51.64	33.99	7.36	8.02	5.5	1.894	91.7
459	9/3/2012 7:15:50	16.11	51.52	33.90	7.33	8.03	5.3	1.829	91.5
460	9/3/2012 7:30:50	16.17	51.61	33.97	7.42	8.03	5.0	1.777	92.7
461	9/3/2012 7:45:50	16.49	51.81	34.12	7.60	8.05	5.0	1.746	95.7
462	9/3/2012 8:00:50	16.58	51.69	34.04	7.71	8.06	4.8	1.714	97.1
463	9/3/2012 8:15:50	16.56	51.76	34.09	7.63	8.06	4.3	1.738	96.2
464	9/3/2012 8:30:50	16.74	51.60	33.97	7.78	8.08	4.0	1.764	98.3
465	9/3/2012 8:45:50	16.69	51.80	34.12	7.79	8.08	4.3	1.801	98.5
466	9/3/2012 9:00:50	16.75	51.73	34.07	7.84	8.08	4.4	1.878	99.1
467	9/3/2012 9:15:50	16.72	51.52	33.91	7.82	8.08	5.1	1.951	98.7
468	9/3/2012 9:30:50	16.64	51.63	33.99	7.57	8.05	7.3	2.040	95.5
469	9/3/2012 9:45:50	16.57	51.43	33.84	7.45	8.04	8.4	2.128	93.7
470	9/3/2012 10:00:50	16.45	51.66	34.01	7.53	8.04	7.2	2.217	94.7
471	9/3/2012 10:15:50	16.35	51.38	33.80	7.55	8.03	6.6	2.308	94.7
472	9/3/2012 10:30:50	16.33	51.69	34.03	7.56	8.03	5.7	2.391	94.8
473	9/3/2012 10:45:50	16.15	51.41	33.82	7.48	8.02	6.7	2.486	93.4
474	9/3/2012 11:00:50	15.98	51.48	33.87	7.54	8.02	6.4	2.569	93.8
475	9/3/2012 11:15:50	15.88	51.51	33.89	7.51	8.01	6.6	2.651	93.3
476	9/3/2012 11:30:50	15.78	51.38	33.79	7.55	8.01	6.7	2.742	93.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
477	9/3/2012 11:45:50	15.58	51.68	34.01	7.56	8.00	7.7	2.824	93.4
478	9/3/2012 12:00:50	15.34	51.62	33.96	7.62	8.00	7.6	2.911	93.7
479	9/3/2012 12:15:50	15.15	51.59	33.93	7.66	8.00	7.8	3.000	93.8
480	9/3/2012 12:30:50	14.79	51.32	33.73	7.78	8.00	8.7	3.092	94.4
481	9/3/2012 12:45:50	14.35	51.46	33.81	7.95	8.00	9.4	3.179	95.7
482	9/3/2012 13:00:50	13.98	51.46	33.80	8.07	8.00	8.1	3.270	96.4
483	9/3/2012 13:15:50	13.50	51.45	33.78	8.16	8.00	7.7	3.355	96.5
484	9/3/2012 13:30:50	13.17	51.70	33.95	8.20	8.00	7.1	3.432	96.5
485	9/3/2012 13:45:50	12.96	51.35	33.68	8.28	8.01	5.4	3.501	96.9
486	9/3/2012 14:00:50	12.82	51.63	33.89	8.35	8.01	4.6	3.559	97.5
487	9/3/2012 14:15:50	12.73	51.67	33.91	8.41	8.02	5.3	3.603	98.1
488	9/3/2012 14:30:50	12.71	51.69	33.92	8.40	8.02	3.7	3.624	97.9
489	9/3/2012 14:45:50	12.81	51.72	33.95	8.29	8.01	6.2	3.635	96.9
490	9/3/2012 15:00:50	12.68	51.70	33.93	8.31	8.01	3.4	3.618	96.9
491	9/3/2012 15:15:50	12.75	51.70	33.93	8.32	8.01	4.2	3.563	97.0
492	9/3/2012 15:30:50	13.05	51.55	33.83	8.39	8.02	4.7	3.506	98.5
493	9/3/2012 15:45:50	14.33	51.54	33.87	8.87	8.07	6.9	3.419	106.8
494	9/3/2012 16:00:50	14.34	51.68	33.97	9.11	8.08	6.4	3.331	109.8
495	9/3/2012 16:15:50	15.14	51.50	33.86	8.94	8.08	7.9	3.224	109.5
496	9/3/2012 16:30:50	15.19	51.55	33.91	8.87	8.08	7.5	3.119	108.7
497	9/3/2012 16:45:50	15.51	51.63	33.97	8.89	8.09	6.7	3.012	109.7
498	9/3/2012 17:00:50	15.86	51.65	33.99	8.92	8.09	6.9	2.895	110.8
499	9/3/2012 17:15:50	16.12	51.60	33.96	8.90	8.09	7.2	2.802	111.1
500	9/3/2012 17:30:50	16.38	51.59	33.96	8.90	8.10	7.0	2.699	111.7
501	9/3/2012 17:45:50	16.38	51.68	34.02	8.84	8.09	6.6	2.586	111.0
502	9/3/2012 18:00:50	16.56	51.68	34.03	9.34	8.13	6.0	2.473	117.7
503	9/3/2012 18:15:50	16.23	51.45	33.85	9.33	8.12	5.9	2.371	116.6
504	9/3/2012 18:30:50	16.28	51.68	34.02	9.31	8.13	5.1	2.274	116.7
505	9/3/2012 18:45:50	16.46	51.66	34.01	9.32	8.13	5.4	2.155	117.1
506	9/3/2012 19:00:50	16.71	51.55	33.93	9.48	8.14	5.6	2.043	119.7
507	9/3/2012 19:15:50	16.88	51.78	34.10	9.43	8.15	6.1	1.951	119.6
508	9/3/2012 19:30:50	16.97	51.56	33.94	9.54	8.16	5.8	1.857	121.0
509	9/3/2012 19:45:50	17.06	51.78	34.11	9.53	8.17	5.8	1.774	121.3
510	9/3/2012 20:00:50	17.24	51.75	34.08	9.52	8.17	6.4	1.708	121.6
511	9/3/2012 20:15:50	17.48	51.74	34.08	9.58	8.18	6.0	1.666	122.8
512	9/3/2012 20:30:50	17.87	51.82	34.14	9.73	8.20	5.4	1.649	125.8
513	9/3/2012 20:45:50	17.93	51.75	34.10	9.68	8.20	5.2	1.639	125.2
514	9/3/2012 21:00:50	17.99	51.67	34.03	9.72	8.21	4.5	1.658	125.8
515	9/3/2012 21:15:50	17.94	51.76	34.10	9.79	8.20	4.5	1.705	126.7
516	9/3/2012 21:30:50	17.99	51.82	34.14	9.84	8.21	4.9	1.762	127.5
517	9/3/2012 21:45:50	17.88	51.82	34.14	9.75	8.20	4.9	1.829	126.1
518	9/3/2012 22:00:50	17.88	51.64	34.01	9.39	8.17	6.5	1.909	121.3
519	9/3/2012 22:15:50	18.28	51.55	33.95	8.71	8.12	10.3	1.984	113.3
520	9/3/2012 22:30:50	18.05	51.61	33.99	8.93	8.14	8.4	2.069	115.8
521	9/3/2012 22:45:50	17.78	51.59	33.97	9.01	8.14	7.4	2.158	116.2
522	9/3/2012 23:00:50	17.66	51.69	34.04	8.95	8.13	6.7	2.225	115.2
523	9/3/2012 23:15:50	17.48	51.66	34.02	8.97	8.13	6.1	2.298	115.0
524	9/3/2012 23:30:50	17.09	51.47	33.88	8.78	8.11	6.8	2.384	111.7
525	9/3/2012 23:45:50	16.85	51.58	33.96	8.51	8.08	6.9	2.466	107.7
526	9/4/2012 0:00:50	16.66	51.71	34.05	8.37	8.07	5.9	2.535	105.7
527	9/4/2012 0:15:50	16.55	51.63	33.99	8.32	8.06	6.2	2.614	104.7
528	9/4/2012 0:30:50	16.34	51.42	33.83	8.29	8.06	6.0	2.689	103.8
529	9/4/2012 0:45:50	16.10	51.28	33.72	8.28	8.05	6.1	2.773	103.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH	NTU		
530	9/4/2012 1:00:50	15.91	51.63	33.98	8.23	8.04	6.1	2.839	102.3
531	9/4/2012 1:15:50	15.76	51.66	34.00	8.20	8.04	5.6	2.905	101.7
532	9/4/2012 1:30:50	15.50	51.65	33.98	8.23	8.04	5.9	2.984	101.6
533	9/4/2012 1:45:50	15.18	51.63	33.96	8.25	8.04	6.1	3.049	101.1
534	9/4/2012 2:00:50	14.85	51.52	33.87	8.27	8.03	5.1	3.113	100.7
535	9/4/2012 2:15:50	14.63	51.60	33.93	8.25	8.03	5.1	3.161	100.0
536	9/4/2012 2:30:50	14.45	51.12	33.56	8.28	8.02	4.5	3.217	99.8
537	9/4/2012 2:45:50	14.14	51.60	33.91	8.28	8.02	4.6	3.259	99.3
538	9/4/2012 3:00:50	13.98	51.30	33.68	8.24	8.02	4.0	3.286	98.5
539	9/4/2012 3:15:50	14.45	51.58	33.91	8.17	8.02	4.6	3.288	98.6
540	9/4/2012 3:30:50	13.99	51.54	33.86	8.07	8.01	3.5	3.275	96.5
541	9/4/2012 3:45:50	14.17	51.57	33.89	8.08	8.02	3.9	3.254	97.0
542	9/4/2012 4:00:50	14.57	51.54	33.88	7.99	8.01	4.9	3.194	96.7
543	9/4/2012 4:15:50	15.21	51.51	33.88	7.77	8.01	5.7	3.134	95.3
544	9/4/2012 4:30:50	15.35	51.60	33.94	7.78	8.01	5.4	3.053	95.6
545	9/4/2012 4:45:50	15.27	51.57	33.92	7.83	8.01	6.4	2.968	96.1
546	9/4/2012 5:00:50	15.53	51.55	33.91	7.69	8.01	6.2	2.894	94.9
547	9/4/2012 5:15:50	15.97	51.54	33.91	7.47	8.00	6.2	2.792	93.0
548	9/4/2012 5:30:50	16.13	51.69	34.02	7.52	8.02	5.8	2.700	94.0
549	9/4/2012 5:45:50	16.42	51.60	33.96	7.14	7.99	6.7	2.618	89.6
550	9/4/2012 6:00:50	16.47	51.70	34.04	7.10	8.00	6.7	2.535	89.3
551	9/4/2012 6:15:50	16.27	51.38	33.80	7.21	7.99	6.7	2.456	90.2
552	9/4/2012 6:30:50	16.27	51.75	34.07	7.34	8.00	7.3	2.354	92.0
553	9/4/2012 6:45:50	16.29	51.64	33.99	7.35	8.01	6.7	2.288	92.1
554	9/4/2012 7:00:50	16.30	51.63	33.99	7.47	8.01	6.5	2.207	93.6
555	9/4/2012 7:15:50	16.30	51.50	33.89	7.44	8.02	6.2	2.122	93.1
556	9/4/2012 7:30:50	16.46	51.67	34.02	7.62	8.03	5.3	2.049	95.8
557	9/4/2012 7:45:50	16.44	51.72	34.05	7.57	8.03	5.1	1.990	95.2
558	9/4/2012 8:00:50	16.54	51.71	34.05	7.66	8.04	4.5	1.957	96.4
559	9/4/2012 8:15:50	16.78	51.78	34.11	7.83	8.06	4.0	1.906	99.2
560	9/4/2012 8:30:50	16.96	51.70	34.05	8.00	8.08	3.9	1.895	101.5
561	9/4/2012 8:45:50	17.04	51.63	34.00	7.98	8.09	3.6	1.895	101.5
562	9/4/2012 9:00:50	16.99	51.80	34.12	8.05	8.09	4.0	1.917	102.3
563	9/4/2012 9:15:50	16.91	51.54	33.93	8.01	8.08	4.2	1.954	101.6
564	9/4/2012 9:30:50	17.09	51.76	34.09	8.09	8.09	4.1	2.006	103.1
565	9/4/2012 9:45:50	17.07	51.50	33.90	8.11	8.09	4.2	2.070	103.2
566	9/4/2012 10:00:50	17.03	51.59	33.96	8.10	8.08	5.0	2.154	102.9
567	9/4/2012 10:15:50	17.05	51.77	34.10	7.76	8.06	7.0	2.228	98.8
568	9/4/2012 10:30:50	16.91	51.76	34.09	7.86	8.06	6.4	2.298	99.7
569	9/4/2012 10:45:50	16.77	51.75	34.08	7.81	8.05	5.9	2.385	98.8
570	9/4/2012 11:00:50	16.67	51.67	34.02	7.77	8.04	5.3	2.460	98.0
571	9/4/2012 11:15:50	16.54	51.65	34.00	7.72	8.03	5.2	2.542	97.1
572	9/4/2012 11:30:50	16.27	51.41	33.82	7.74	8.02	5.9	2.613	96.8
573	9/4/2012 11:45:50	16.13	51.55	33.92	7.77	8.02	5.4	2.695	97.0
574	9/4/2012 12:00:50	16.03	51.58	33.94	7.77	8.02	5.7	2.770	96.9
575	9/4/2012 12:15:50	15.88	51.49	33.87	7.87	8.02	5.9	2.851	97.7
576	9/4/2012 12:30:50	15.57	51.53	33.90	7.88	8.02	6.4	2.926	97.3
577	9/4/2012 12:45:50	15.33	51.60	33.94	7.87	8.01	5.8	3.006	96.7
578	9/4/2012 13:00:50	15.18	51.54	33.90	7.88	8.01	5.9	3.093	96.6
579	9/4/2012 13:15:50	14.71	51.32	33.72	7.96	8.01	6.7	3.169	96.5
580	9/4/2012 13:30:50	14.29	51.38	33.75	8.05	8.01	7.6	3.252	96.8
581	9/4/2012 13:45:50	13.97	51.36	33.73	8.12	8.01	6.6	3.327	97.0
582	9/4/2012 14:00:50	13.59	51.38	33.73	8.21	8.01	5.9	3.398	97.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
583	9/4/2012 14:15:50	13.27	51.48	33.79	8.26	8.01	5.2	3.463	97.3
584	9/4/2012 14:30:50	13.09	51.33	33.67	8.28	8.01	4.4	3.507	97.1
585	9/4/2012 14:45:50	12.96	51.49	33.79	8.31	8.01	4.6	3.552	97.3
586	9/4/2012 15:00:50	12.93	51.41	33.73	8.31	8.02	3.4	3.575	97.1
587	9/4/2012 15:15:50	13.25	51.53	33.83	8.23	8.01	3.9	3.576	96.9
588	9/4/2012 15:30:50	13.10	51.39	33.72	8.16	8.01	3.4	3.565	95.7
589	9/4/2012 15:45:50	13.11	51.53	33.82	8.21	8.01	4.1	3.522	96.4
590	9/4/2012 16:00:50	13.30	51.23	33.61	8.22	8.01	4.8	3.468	96.8
591	9/4/2012 16:15:50	14.75	51.36	33.75	8.87	8.07	6.1	3.398	107.6
592	9/4/2012 16:30:50	14.89	51.53	33.88	8.88	8.08	5.7	3.315	108.1
593	9/4/2012 16:45:50	15.15	51.27	33.70	9.20	8.10	5.5	3.219	112.5
594	9/4/2012 17:00:50	15.65	51.49	33.87	9.10	8.09	7.7	3.119	112.5
595	9/4/2012 17:15:50	15.84	51.56	33.93	9.06	8.10	6.1	3.026	112.5
596	9/4/2012 17:30:50	16.13	51.55	33.92	9.19	8.11	6.2	2.928	114.7
597	9/4/2012 17:45:50	16.37	51.54	33.92	9.21	8.12	6.1	2.832	115.5
598	9/4/2012 18:00:50	16.61	51.59	33.96	9.12	8.12	6.1	2.737	114.9
599	9/4/2012 18:15:50	16.95	51.64	34.00	9.45	8.15	6.1	2.634	120.0
600	9/4/2012 18:30:50	16.96	51.57	33.95	9.52	8.15	5.6	2.539	120.8
601	9/4/2012 18:45:50	16.79	51.50	33.89	9.22	8.13	5.9	2.440	116.6
602	9/4/2012 19:00:50	16.64	51.62	33.98	9.13	8.12	6.2	2.335	115.2
603	9/4/2012 19:15:50	16.59	51.61	33.97	9.24	8.13	6.3	2.228	116.5
604	9/4/2012 19:30:50	16.76	51.57	33.95	9.21	8.13	6.2	2.132	116.4
605	9/4/2012 19:45:50	17.01	51.60	33.97	9.29	8.14	6.1	2.037	118.0
606	9/4/2012 20:00:50	17.09	51.51	33.91	9.22	8.14	6.6	1.942	117.3
607	9/4/2012 20:15:50	17.18	51.68	34.03	9.25	8.15	5.9	1.850	117.9
608	9/4/2012 20:30:50	17.43	51.51	33.91	9.26	8.16	5.9	1.790	118.5
609	9/4/2012 20:45:50	17.52	51.67	34.03	9.27	8.16	5.6	1.738	119.0
610	9/4/2012 21:00:50	17.68	51.73	34.08	9.32	8.17	5.3	1.690	120.0
611	9/4/2012 21:15:50	18.01	51.80	34.13	9.48	8.18	4.8	1.673	122.8
612	9/4/2012 21:30:50	17.95	51.61	33.99	9.39	8.18	4.3	1.678	121.4
613	9/4/2012 21:45:50	18.10	51.72	34.07	9.67	8.20	4.0	1.699	125.5
614	9/4/2012 22:00:50	18.03	51.69	34.05	9.70	8.20	4.4	1.749	125.7
615	9/4/2012 22:15:50	18.07	51.77	34.11	9.76	8.21	5.0	1.794	126.6
616	9/4/2012 22:30:50	17.99	51.29	33.75	9.69	8.20	4.8	1.863	125.3
617	9/4/2012 22:45:50	17.99	51.69	34.05	9.35	8.17	6.2	1.942	121.0
618	9/4/2012 23:00:50	18.32	51.57	33.96	8.68	8.13	9.0	2.013	113.1
619	9/4/2012 23:15:50	18.13	51.61	33.99	8.93	8.14	7.4	2.084	115.9
620	9/4/2012 23:30:50	17.92	51.64	34.01	9.04	8.14	7.0	2.156	116.9
621	9/4/2012 23:45:50	17.80	51.53	33.93	9.00	8.14	6.4	2.227	116.0
622	9/5/2012 0:00:50	17.66	51.66	34.03	9.00	8.14	5.9	2.296	115.8
623	9/5/2012 0:15:50	17.42	51.57	33.96	8.95	8.13	6.4	2.372	114.6
624	9/5/2012 0:30:50	17.11	51.45	33.87	8.68	8.10	6.7	2.443	110.4
625	9/5/2012 0:45:50	16.91	51.51	33.91	8.50	8.08	5.9	2.506	107.8
626	9/5/2012 1:00:50	16.76	51.56	33.94	8.42	8.07	5.7	2.581	106.5
627	9/5/2012 1:15:50	16.63	51.48	33.88	8.38	8.07	5.2	2.654	105.6
628	9/5/2012 1:30:50	16.41	51.58	33.95	8.35	8.06	5.1	2.713	104.9
629	9/5/2012 1:45:50	16.18	51.55	33.92	8.35	8.06	5.4	2.782	104.3
630	9/5/2012 2:00:50	16.04	51.53	33.91	8.31	8.05	5.3	2.840	103.6
631	9/5/2012 2:15:50	15.90	51.52	33.90	8.26	8.05	4.9	2.908	102.7
632	9/5/2012 2:30:50	15.79	51.53	33.90	8.24	8.05	5.4	2.967	102.1
633	9/5/2012 2:45:50	15.42	51.39	33.79	8.25	8.04	5.2	3.013	101.5
634	9/5/2012 3:00:50	15.16	51.53	33.89	8.25	8.04	4.7	3.069	101.0
635	9/5/2012 3:15:50	15.03	51.45	33.83	8.22	8.03	4.5	3.110	100.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
636	9/5/2012 3:30:50	14.85	51.35	33.74	8.20	8.03	4.2	3.139	99.7
637	9/5/2012 3:45:50	14.76	51.27	33.69	8.13	8.03	3.6	3.164	98.6
638	9/5/2012 4:00:50	15.09	51.47	33.84	8.09	8.03	5.2	3.173	98.9
639	9/5/2012 4:15:50	14.79	51.34	33.74	7.98	8.02	3.5	3.167	96.9
640	9/5/2012 4:30:50	14.74	51.24	33.66	8.05	8.02	3.6	3.147	97.6
641	9/5/2012 4:45:50	15.07	51.40	33.79	8.03	8.03	4.7	3.098	98.1
642	9/5/2012 5:00:50	15.46	51.54	33.90	7.65	8.01	6.2	3.052	94.3
643	9/5/2012 5:15:50	15.70	51.47	33.86	7.44	7.99	6.5	2.996	92.0
644	9/5/2012 5:30:50	15.63	51.60	33.95	7.41	7.99	6.5	2.914	91.6
645	9/5/2012 5:45:50	15.61	51.54	33.90	7.63	8.00	6.1	2.841	94.3
646	9/5/2012 6:00:50	15.68	51.62	33.96	7.60	8.00	6.4	2.763	94.1
647	9/5/2012 6:15:50	15.78	51.69	34.02	7.52	8.00	5.9	2.698	93.3
648	9/5/2012 6:30:50	15.93	51.67	34.01	7.40	8.00	6.7	2.615	92.1
649	9/5/2012 6:45:50	16.18	51.38	33.80	7.35	8.01	6.4	2.548	91.8
650	9/5/2012 7:00:50	16.06	51.81	34.11	7.27	8.00	7.0	2.485	90.8
651	9/5/2012 7:15:50	16.02	51.46	33.85	7.18	7.99	6.2	2.406	89.4
652	9/5/2012 7:30:50	16.21	51.51	33.89	7.27	8.00	5.9	2.349	91.0
653	9/5/2012 7:45:50	16.39	51.72	34.05	7.46	8.02	5.5	2.273	93.7
654	9/5/2012 8:00:50	16.34	51.63	33.99	7.55	8.02	4.9	2.231	94.7
655	9/5/2012 8:15:50	16.56	51.68	34.02	7.69	8.05	5.1	2.181	96.9
656	9/5/2012 8:30:50	16.54	51.68	34.03	7.72	8.04	4.5	2.130	97.2
657	9/5/2012 8:45:50	16.79	51.72	34.06	7.92	8.07	4.3	2.113	100.2
658	9/5/2012 9:00:50	17.03	51.67	34.02	8.06	8.09	3.9	2.088	102.5
659	9/5/2012 9:15:50	17.18	51.52	33.91	8.05	8.09	3.4	2.090	102.5
660	9/5/2012 9:30:50	17.16	51.77	34.10	8.07	8.10	3.4	2.103	102.9
661	9/5/2012 9:45:50	17.19	51.77	34.10	8.11	8.10	3.6	2.131	103.5
662	9/5/2012 10:00:50	17.12	51.75	34.08	8.10	8.09	3.9	2.170	103.2
663	9/5/2012 10:15:50	17.10	51.73	34.07	8.10	8.09	4.6	2.240	103.2
664	9/5/2012 10:30:50	17.01	51.65	34.01	8.05	8.08	5.3	2.295	102.2
665	9/5/2012 10:45:50	16.92	51.62	33.99	8.00	8.07	5.1	2.349	101.5
666	9/5/2012 11:00:50	16.84	51.64	34.00	7.96	8.06	5.1	2.430	100.8
667	9/5/2012 11:15:50	16.75	51.64	34.00	7.91	8.06	5.1	2.486	100.0
668	9/5/2012 11:30:50	16.56	51.54	33.93	7.84	8.04	5.4	2.556	98.7
669	9/5/2012 11:45:50	16.48	51.64	33.99	7.79	8.04	5.8	2.622	98.0
670	9/5/2012 12:00:50	16.17	51.51	33.90	7.79	8.03	5.5	2.689	97.3
671	9/5/2012 12:15:50	15.98	51.53	33.91	7.85	8.03	5.1	2.757	97.7
672	9/5/2012 12:30:50	15.86	51.56	33.92	7.88	8.03	5.5	2.824	97.9
673	9/5/2012 12:45:50	15.74	51.60	33.95	7.92	8.03	5.5	2.900	98.1
674	9/5/2012 13:00:50	15.59	51.45	33.84	7.98	8.03	5.7	2.965	98.5
675	9/5/2012 13:15:50	15.28	51.21	33.65	8.00	8.02	5.2	3.045	98.1
676	9/5/2012 13:30:50	14.95	51.47	33.84	8.00	8.02	5.6	3.113	97.5
677	9/5/2012 13:45:50	14.75	51.25	33.67	8.00	8.01	5.2	3.186	97.0
678	9/5/2012 14:00:50	14.42	51.49	33.84	8.00	8.01	5.8	3.255	96.5
679	9/5/2012 14:15:50	13.95	51.46	33.80	8.07	8.01	6.1	3.325	96.4
680	9/5/2012 14:30:50	13.76	51.46	33.79	8.07	8.01	6.2	3.389	96.1
681	9/5/2012 14:45:50	13.57	51.55	33.85	8.11	8.01	5.1	3.443	96.1
682	9/5/2012 15:00:50	13.39	51.63	33.91	8.16	8.01	4.0	3.488	96.5
683	9/5/2012 15:15:50	13.28	51.62	33.90	8.19	8.02	4.3	3.519	96.6
684	9/5/2012 15:30:50	13.22	51.44	33.76	8.16	8.01	4.0	3.546	96.0
685	9/5/2012 15:45:50	13.44	51.53	33.84	8.11	8.01	3.9	3.547	95.9
686	9/5/2012 16:00:50	13.34	51.50	33.81	8.07	8.01	3.4	3.536	95.2
687	9/5/2012 16:15:50	13.31	51.34	33.69	8.10	8.01	3.9	3.511	95.4
688	9/5/2012 16:30:50	13.47	51.45	33.78	8.05	8.01	4.2	3.458	95.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
689	9/5/2012 16:45:50	14.71	51.43	33.80	8.57	8.06	4.8	3.398	103.9
690	9/5/2012 17:00:50	14.77	51.09	33.55	8.58	8.06	4.6	3.333	104.1
691	9/5/2012 17:15:50	15.38	51.42	33.81	9.10	8.10	5.1	3.248	111.9
692	9/5/2012 17:30:50	15.75	51.49	33.87	9.20	8.11	5.4	3.166	114.0
693	9/5/2012 17:45:50	15.76	51.51	33.89	8.90	8.10	5.5	3.077	110.4
694	9/5/2012 18:00:50	15.95	51.53	33.90	9.05	8.10	5.3	2.987	112.6
695	9/5/2012 18:15:50	16.26	51.54	33.92	9.19	8.12	5.6	2.891	115.1
696	9/5/2012 18:30:50	16.44	51.58	33.95	9.27	8.12	6.2	2.806	116.5
697	9/5/2012 18:45:50	16.68	51.42	33.84	9.26	8.13	5.9	2.723	116.8
698	9/5/2012 19:00:50	16.82	51.42	33.84	9.21	8.13	7.8	2.620	116.4
699	9/5/2012 19:15:50	16.95	51.58	33.96	9.36	8.14	6.3	2.532	118.7
700	9/5/2012 19:30:50	16.70	51.54	33.93	9.34	8.14	6.2	2.445	117.9
701	9/5/2012 19:45:50	16.63	51.55	33.93	8.95	8.11	6.3	2.352	112.9
702	9/5/2012 20:00:50	16.66	51.56	33.94	8.82	8.11	6.4	2.265	111.3
703	9/5/2012 20:15:50	16.48	51.66	34.01	8.79	8.10	7.0	2.161	110.5
704	9/5/2012 20:30:50	16.76	51.66	34.01	8.75	8.11	6.2	2.079	110.6
705	9/5/2012 20:45:50	16.88	51.56	33.94	8.74	8.11	5.7	2.003	110.7
706	9/5/2012 21:00:50	17.02	51.72	34.06	8.66	8.12	5.9	1.928	110.1
707	9/5/2012 21:15:50	17.09	51.42	33.84	8.72	8.12	6.1	1.844	110.8
708	9/5/2012 21:30:50	17.41	51.70	34.05	8.85	8.14	5.3	1.815	113.3
709	9/5/2012 21:45:50	17.64	51.67	34.03	9.07	8.16	4.8	1.777	116.7
710	9/5/2012 22:00:50	17.85	51.72	34.07	9.20	8.17	4.2	1.755	118.8
711	9/5/2012 22:15:50	17.90	51.83	34.15	9.19	8.17	4.1	1.747	118.8
712	9/5/2012 22:30:50	17.84	51.63	34.00	9.31	8.18	4.0	1.778	120.2
713	9/5/2012 22:45:50	17.87	51.79	34.12	9.38	8.19	3.7	1.805	121.3
714	9/5/2012 23:00:50	17.89	51.43	33.86	9.44	8.19	4.8	1.842	121.8
715	9/5/2012 23:15:50	17.88	51.65	34.02	9.49	8.19	4.5	1.912	122.6
716	9/5/2012 23:30:50	17.79	51.70	34.06	9.39	8.18	5.4	1.971	121.1
717	9/5/2012 23:45:50	17.92	51.51	33.91	8.71	8.13	8.0	2.038	112.6
718	9/6/2012 0:00:50	17.91	51.57	33.96	8.62	8.13	8.0	2.100	111.4
719	9/6/2012 0:15:50	17.77	51.63	34.01	8.80	8.13	7.8	2.168	113.5
720	9/6/2012 0:30:50	17.62	51.67	34.03	8.80	8.13	6.5	2.230	113.2
721	9/6/2012 0:45:50	17.55	51.52	33.92	8.77	8.13	6.2	2.280	112.5
722	9/6/2012 1:00:50	17.43	51.45	33.86	8.77	8.12	6.5	2.350	112.3
723	9/6/2012 1:15:50	17.18	51.57	33.95	8.72	8.11	6.7	2.410	111.1
724	9/6/2012 1:30:50	16.95	51.44	33.85	8.54	8.09	6.1	2.469	108.3
725	9/6/2012 1:45:50	16.81	51.70	34.04	8.43	8.08	6.0	2.530	106.7
726	9/6/2012 2:00:50	16.67	51.65	34.01	8.35	8.08	5.6	2.590	105.3
727	9/6/2012 2:15:50	16.54	51.57	33.94	8.33	8.07	5.1	2.656	104.8
728	9/6/2012 2:30:50	16.43	51.46	33.86	8.32	8.07	5.1	2.705	104.4
729	9/6/2012 2:45:50	16.29	51.37	33.80	8.33	8.06	5.0	2.760	104.3
730	9/6/2012 3:00:50	16.12	51.31	33.74	8.31	8.06	5.3	2.817	103.6
731	9/6/2012 3:15:50	16.00	51.37	33.79	8.28	8.06	5.1	2.865	103.0
732	9/6/2012 3:30:50	15.88	51.42	33.83	8.23	8.05	5.3	2.914	102.1
733	9/6/2012 3:45:50	15.82	51.49	33.87	8.18	8.05	4.7	2.954	101.5
734	9/6/2012 4:00:50	15.67	51.54	33.91	8.15	8.05	4.3	2.995	100.8
735	9/6/2012 4:15:50	15.41	51.51	33.88	8.19	8.05	4.0	3.027	100.7
736	9/6/2012 4:30:50	15.35	51.47	33.85	8.15	8.04	3.9	3.049	100.2
737	9/6/2012 4:45:50	15.67	51.36	33.78	8.01	8.04	5.2	3.054	99.0
738	9/6/2012 5:00:50	15.35	51.49	33.86	7.97	8.03	3.9	3.055	97.9
739	9/6/2012 5:15:50	15.35	51.44	33.82	7.98	8.03	4.1	3.037	98.1
740	9/6/2012 5:30:50	15.54	51.30	33.72	7.95	8.03	4.5	3.004	98.0
741	9/6/2012 5:45:50	15.75	51.47	33.86	7.83	8.03	4.7	2.966	97.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	9/6/2012 6:00:50	16.03	51.44	33.84	7.60	8.02	5.9	2.922	94.6
743	9/6/2012 6:15:50	16.15	51.37	33.79	7.18	7.98	8.7	2.866	89.7
744	9/6/2012 6:30:50	16.06	51.45	33.85	6.99	7.97	7.7	2.806	87.1
745	9/6/2012 6:45:50	16.13	51.46	33.85	7.31	8.00	6.5	2.733	91.3
746	9/6/2012 7:00:50	16.03	51.48	33.87	7.24	7.98	6.9	2.692	90.2
747	9/6/2012 7:15:50	16.22	51.55	33.92	7.33	8.01	5.9	2.640	91.7
748	9/6/2012 7:30:50	15.98	51.43	33.83	7.30	7.99	6.6	2.567	90.8
749	9/6/2012 7:45:50	16.16	51.43	33.83	7.31	8.00	5.6	2.528	91.3
750	9/6/2012 8:00:50	16.22	51.53	33.91	7.25	8.00	5.7	2.477	90.7
751	9/6/2012 8:15:50	16.32	51.63	33.98	7.36	8.01	5.2	2.432	92.2
752	9/6/2012 8:30:50	16.31	51.52	33.91	7.45	8.02	5.5	2.387	93.3
753	9/6/2012 8:45:50	16.54	51.60	33.97	7.70	8.04	4.7	2.355	97.0
754	9/6/2012 9:00:50	16.56	51.66	34.01	7.75	8.05	4.5	2.327	97.7
755	9/6/2012 9:15:50	16.64	51.62	33.98	7.79	8.06	4.1	2.299	98.3
756	9/6/2012 9:30:50	16.84	51.67	34.02	7.95	8.08	3.9	2.295	100.7
757	9/6/2012 9:45:50	16.93	51.36	33.80	7.91	8.08	3.6	2.289	100.2
758	9/6/2012 10:00:50	16.86	51.68	34.03	7.95	8.08	4.3	2.297	100.8
759	9/6/2012 10:15:50	16.86	51.51	33.91	8.00	8.08	4.1	2.314	101.3
760	9/6/2012 10:30:50	16.80	51.67	34.02	7.94	8.07	4.3	2.342	100.5
761	9/6/2012 10:45:50	16.78	51.60	33.97	7.89	8.07	5.3	2.383	99.8
762	9/6/2012 11:00:50	16.72	51.63	33.99	7.82	8.06	5.9	2.416	98.8
763	9/6/2012 11:15:50	16.64	51.55	33.93	7.72	8.05	6.5	2.474	97.3
764	9/6/2012 11:30:50	16.56	51.50	33.89	7.73	8.04	5.7	2.531	97.3
765	9/6/2012 11:45:50	16.44	51.34	33.77	7.68	8.04	6.1	2.570	96.4
766	9/6/2012 12:00:50	16.37	51.41	33.82	7.74	8.04	6.0	2.636	97.0
767	9/6/2012 12:15:50	16.27	51.31	33.75	7.73	8.03	5.7	2.686	96.7
768	9/6/2012 12:30:50	16.18	51.40	33.81	7.68	8.03	6.6	2.745	95.9
769	9/6/2012 12:45:50	16.00	51.48	33.87	7.64	8.02	6.7	2.810	95.1
770	9/6/2012 13:00:50	15.77	51.27	33.71	7.87	8.03	5.3	2.867	97.4
771	9/6/2012 13:15:50	15.65	51.37	33.78	7.99	8.03	5.6	2.930	98.7
772	9/6/2012 13:30:50	15.53	51.32	33.74	8.02	8.03	5.0	2.998	98.8
773	9/6/2012 13:45:50	15.27	51.51	33.88	8.05	8.03	5.0	3.061	98.8
774	9/6/2012 14:00:50	15.11	51.51	33.87	8.11	8.04	4.8	3.126	99.2
775	9/6/2012 14:15:50	14.77	51.47	33.84	8.11	8.03	4.7	3.193	98.5
776	9/6/2012 14:30:50	14.55	51.62	33.94	8.14	8.03	5.5	3.256	98.5
777	9/6/2012 14:45:50	14.36	51.54	33.87	8.17	8.03	4.4	3.313	98.5
778	9/6/2012 15:00:50	14.23	51.54	33.87	8.20	8.04	3.9	3.366	98.6
779	9/6/2012 15:15:50	13.97	51.53	33.85	8.38	8.05	3.9	3.412	100.2
780	9/6/2012 15:30:50	13.86	51.35	33.71	8.49	8.06	4.2	3.454	101.2
781	9/6/2012 15:45:50	13.71	51.29	33.67	8.64	8.07	3.5	3.485	102.6
782	9/6/2012 16:00:50	13.68	51.51	33.83	8.63	8.07	3.1	3.500	102.5
783	9/6/2012 16:15:50	13.87	51.37	33.73	8.48	8.05	3.4	3.509	101.1
784	9/6/2012 16:30:50	13.80	51.50	33.82	8.41	8.05	3.1	3.500	100.1
785	9/6/2012 16:45:50	13.75	51.49	33.82	8.50	8.06	3.6	3.478	101.2
786	9/6/2012 17:00:50	13.83	51.36	33.72	8.41	8.06	3.6	3.444	100.2
787	9/6/2012 17:15:50	14.19	51.39	33.76	8.43	8.06	3.9	3.396	101.1
788	9/6/2012 17:30:50	14.97	51.30	33.71	8.79	8.09	5.0	3.338	107.1
789	9/6/2012 17:45:50	15.11	51.38	33.78	8.79	8.09	4.0	3.273	107.5
790	9/6/2012 18:00:50	15.49	51.43	33.82	9.06	8.11	4.4	3.200	111.7
791	9/6/2012 18:15:50	15.74	51.33	33.76	9.17	8.12	5.5	3.129	113.5
792	9/6/2012 18:30:50	15.80	51.25	33.69	9.03	8.11	4.5	3.051	111.9
793	9/6/2012 18:45:50	15.99	51.19	33.65	9.18	8.12	4.9	2.967	114.2
794	9/6/2012 19:00:50	16.18	51.35	33.78	9.16	8.13	4.7	2.887	114.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
795	9/6/2012 19:15:50	16.34	51.40	33.81	9.19	8.13	5.4	2.810	115.2
796	9/6/2012 19:30:50	16.59	51.41	33.83	9.31	8.14	5.7	2.728	117.2
797	9/6/2012 19:45:50	16.72	51.54	33.92	9.32	8.14	5.9	2.633	117.6
798	9/6/2012 20:00:50	16.75	51.50	33.90	9.20	8.14	6.2	2.556	116.2
799	9/6/2012 20:15:50	16.67	51.38	33.81	9.18	8.13	5.7	2.477	115.7
800	9/6/2012 20:30:50	16.51	51.39	33.81	8.97	8.12	5.9	2.391	112.8
801	9/6/2012 20:45:50	16.20	51.42	33.82	8.61	8.09	5.8	2.298	107.6
802	9/6/2012 21:00:50	16.43	51.47	33.87	8.54	8.10	6.0	2.216	107.2
803	9/6/2012 21:15:50	16.47	51.52	33.91	8.55	8.10	5.7	2.138	107.5
804	9/6/2012 21:30:50	16.49	51.46	33.86	8.46	8.10	5.6	2.058	106.4
805	9/6/2012 21:45:50	16.59	51.59	33.96	8.45	8.10	5.6	1.984	106.5
806	9/6/2012 22:00:50	16.73	51.53	33.92	8.48	8.11	5.1	1.934	107.1
807	9/6/2012 22:15:50	16.85	51.55	33.93	8.50	8.11	4.5	1.882	107.7
808	9/6/2012 22:30:50	17.07	51.40	33.83	8.69	8.13	4.3	1.851	110.4
809	9/6/2012 22:45:50	17.34	51.64	34.00	8.85	8.15	3.4	1.834	113.1
810	9/6/2012 23:00:50	17.46	51.64	34.00	8.99	8.16	3.6	1.825	115.2
811	9/6/2012 23:15:50	17.40	51.69	34.05	9.03	8.17	4.3	1.839	115.6
812	9/6/2012 23:30:50	17.43	51.53	33.93	9.11	8.17	3.6	1.854	116.6
813	9/6/2012 23:45:50	17.34	51.43	33.85	9.02	8.16	3.6	1.900	115.2
814	9/7/2012 0:00:50	17.43	51.48	33.89	9.21	8.18	4.1	1.932	117.9
815	9/7/2012 0:15:50	17.37	51.51	33.91	9.17	8.17	3.9	1.988	117.3
816	9/7/2012 0:30:50	17.32	51.63	33.99	9.08	8.17	3.9	2.044	116.0
817	9/7/2012 0:45:50	17.34	51.37	33.80	8.67	8.13	6.4	2.100	110.8
818	9/7/2012 1:00:50	17.37	51.26	33.73	8.44	8.11	7.8	2.154	107.8
819	9/7/2012 1:15:50	17.34	51.40	33.83	8.53	8.12	7.5	2.197	108.9
820	9/7/2012 1:30:50	17.22	51.23	33.70	8.68	8.13	6.5	2.260	110.5
821	9/7/2012 1:45:50	17.14	51.52	33.91	8.66	8.12	6.1	2.315	110.3
822	9/7/2012 2:00:50	17.08	51.37	33.81	8.65	8.12	5.6	2.357	109.9
823	9/7/2012 2:15:50	17.02	51.58	33.96	8.66	8.12	5.5	2.417	110.0
824	9/7/2012 2:30:50	16.78	51.33	33.77	8.64	8.11	6.2	2.481	109.1
825	9/7/2012 2:45:50	16.61	51.55	33.93	8.46	8.09	5.6	2.525	106.7
826	9/7/2012 3:00:50	16.50	51.43	33.84	8.39	8.08	5.1	2.575	105.4
827	9/7/2012 3:15:50	16.45	51.45	33.85	8.33	8.08	4.9	2.630	104.6
828	9/7/2012 3:30:50	16.35	51.49	33.88	8.30	8.07	4.7	2.682	104.0
829	9/7/2012 3:45:50	16.26	51.36	33.79	8.29	8.07	4.7	2.732	103.7
830	9/7/2012 4:00:50	16.13	51.55	33.93	8.28	8.07	4.5	2.774	103.4
831	9/7/2012 4:15:50	16.06	51.34	33.77	8.33	8.07	4.4	2.818	103.7
832	9/7/2012 4:30:50	15.97	51.21	33.67	8.31	8.07	4.2	2.861	103.3
833	9/7/2012 4:45:50	15.89	51.34	33.77	8.30	8.06	3.9	2.899	103.0
834	9/7/2012 5:00:50	15.83	51.22	33.67	8.27	8.06	3.9	2.932	102.5
835	9/7/2012 5:15:50	15.85	51.43	33.83	8.17	8.06	4.3	2.960	101.3
836	9/7/2012 5:30:50	15.69	51.59	33.94	8.17	8.06	3.8	2.979	101.2
837	9/7/2012 5:45:50	15.91	51.43	33.83	8.01	8.05	4.5	2.986	99.5
838	9/7/2012 6:00:50	15.79	51.50	33.88	7.99	8.04	4.2	2.987	99.1
839	9/7/2012 6:15:50	15.72	51.57	33.93	8.03	8.05	4.2	2.959	99.4
840	9/7/2012 6:30:50	15.76	51.42	33.82	8.00	8.05	4.3	2.947	99.1
841	9/7/2012 6:45:50	15.82	51.50	33.88	7.87	8.04	4.8	2.910	97.7
842	9/7/2012 7:00:50	15.97	51.54	33.91	6.98	7.98	7.4	2.859	86.9
843	9/7/2012 7:15:50	15.70	51.66	33.99	6.65	7.93	7.6	2.828	82.4
844	9/7/2012 7:30:50	15.84	51.70	34.02	6.83	7.95	6.2	2.775	84.8
845	9/7/2012 7:45:50	15.84	51.41	33.81	6.85	7.95	6.0	2.724	85.0
846	9/7/2012 8:00:50	15.87	51.56	33.92	6.94	7.95	5.6	2.676	86.2
847	9/7/2012 8:15:50	15.87	51.70	34.03	6.96	7.95	5.5	2.625	86.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH	NTU		
848	9/7/2012 8:30:50	15.99	51.36	33.78	7.16	7.98	4.8	2.593	89.1
849	9/7/2012 8:45:50	16.16	51.27	33.72	7.25	8.00	4.9	2.542	90.5
850	9/7/2012 9:00:50	16.20	51.35	33.78	7.30	8.01	25.8	2.503	91.2
851	9/7/2012 9:15:50	16.28	51.58	33.94	7.41	8.02	4.6	2.486	92.8
852	9/7/2012 9:30:50	16.52	51.71	34.05	7.68	8.05	4.6	2.451	96.7
853	9/7/2012 9:45:50	16.53	51.58	33.95	7.72	8.05	4.3	2.427	97.1
854	9/7/2012 10:00:50	16.65	51.60	33.97	7.90	8.07	4.5	2.417	99.7
855	9/7/2012 10:15:50	16.75	51.51	33.90	7.93	8.07	3.6	2.416	100.1
856	9/7/2012 10:30:50	16.70	51.43	33.84	7.88	8.07	3.9	2.416	99.5
857	9/7/2012 10:45:50	16.77	51.69	34.04	8.03	8.08	3.7	2.418	101.6
858	9/7/2012 11:00:50	16.74	51.50	33.89	8.03	8.08	4.2	2.440	101.5
859	9/7/2012 11:15:50	16.66	51.65	34.00	7.93	8.07	4.2	2.462	100.1
860	9/7/2012 11:30:50	16.60	51.60	33.97	7.86	8.06	6.0	2.497	99.1
861	9/7/2012 11:45:50	16.53	51.55	33.93	7.76	8.05	8.4	2.527	97.7
862	9/7/2012 12:00:50	16.44	51.53	33.92	7.77	8.05	8.1	2.568	97.6
863	9/7/2012 12:15:50	16.34	51.56	33.93	7.80	8.05	6.8	2.617	97.8
864	9/7/2012 12:30:50	16.25	51.55	33.93	7.73	8.04	6.1	2.666	96.7
865	9/7/2012 12:45:50	16.20	51.49	33.88	7.80	8.04	5.4	2.709	97.5
866	9/7/2012 13:00:50	16.11	51.58	33.94	7.85	8.04	5.4	2.761	98.0
867	9/7/2012 13:15:50	16.04	51.40	33.81	7.88	8.04	4.7	2.814	98.2
868	9/7/2012 13:30:50	15.99	51.43	33.83	7.87	8.04	5.1	2.869	97.9
869	9/7/2012 13:45:50	15.77	51.28	33.72	7.90	8.04	5.7	2.908	97.8
870	9/7/2012 14:00:50	15.62	51.48	33.86	8.04	8.05	5.5	2.975	99.3
871	9/7/2012 14:15:50	15.44	51.54	33.90	8.14	8.05	4.5	3.035	100.3
872	9/7/2012 14:30:50	15.24	51.49	33.86	8.19	8.05	4.2	3.075	100.4
873	9/7/2012 14:45:50	15.17	51.39	33.79	8.23	8.05	3.9	3.136	100.7
874	9/7/2012 15:00:50	15.09	51.42	33.81	8.28	8.06	3.7	3.190	101.2
875	9/7/2012 15:15:50	14.87	51.37	33.76	8.36	8.06	3.8	3.243	101.7
876	9/7/2012 15:30:50	14.77	51.40	33.78	8.36	8.06	3.6	3.281	101.5
877	9/7/2012 15:45:50	14.68	51.46	33.83	8.38	8.06	3.5	3.330	101.6
878	9/7/2012 16:00:50	14.57	51.41	33.79	8.45	8.07	3.7	3.379	102.2
879	9/7/2012 16:15:50	14.46	51.55	33.88	8.47	8.07	3.1	3.403	102.3
880	9/7/2012 16:30:50	14.32	51.32	33.71	8.52	8.08	3.1	3.424	102.5
881	9/7/2012 16:45:50	14.25	51.52	33.85	8.48	8.07	2.8	3.444	101.9
882	9/7/2012 17:00:50	14.24	51.45	33.80	8.34	8.05	2.2	3.462	100.2
883	9/7/2012 17:15:50	14.22	51.50	33.84	8.38	8.06	2.7	3.441	100.7
884	9/7/2012 17:30:50	14.27	51.14	33.58	8.45	8.07	2.7	3.409	101.4
885	9/7/2012 17:45:50	14.35	51.38	33.75	8.38	8.07	2.9	3.395	100.9
886	9/7/2012 18:00:50	14.46	51.48	33.83	8.34	8.06	3.1	3.358	100.7
887	9/7/2012 18:15:50	15.06	51.39	33.78	8.79	8.10	3.5	3.298	107.3
888	9/7/2012 18:30:50	15.51	51.51	33.88	8.89	8.11	4.3	3.228	109.6
889	9/7/2012 18:45:50	15.61	51.61	33.96	8.95	8.11	4.8	3.171	110.6
890	9/7/2012 19:00:50	15.51	51.29	33.72	8.82	8.11	4.2	3.117	108.6
891	9/7/2012 19:15:50	15.69	51.42	33.82	8.93	8.11	4.7	3.037	110.4
892	9/7/2012 19:30:50	15.86	51.58	33.94	9.00	8.12	5.1	2.958	111.8
893	9/7/2012 19:45:50	16.12	51.33	33.76	9.10	8.14	5.0	2.891	113.5
894	9/7/2012 20:00:50	16.23	51.34	33.77	9.27	8.15	5.2	2.832	115.9
895	9/7/2012 20:15:50	16.34	51.49	33.88	9.30	8.14	5.7	2.745	116.6
896	9/7/2012 20:30:50	16.07	51.71	34.04	9.45	8.16	5.7	2.673	118.0
897	9/7/2012 20:45:50	15.99	51.44	33.84	9.21	8.14	5.7	2.595	114.6
898	9/7/2012 21:00:50	15.76	51.47	33.85	8.82	8.11	6.0	2.516	109.3
899	9/7/2012 21:15:50	15.79	51.63	33.97	8.64	8.10	6.1	2.438	107.2
900	9/7/2012 21:30:50	15.80	51.59	33.95	8.42	8.09	6.7	2.342	104.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
901	9/7/2012 21:45:50	15.88	51.62	33.97	8.30	8.08	6.1	2.273	103.2
902	9/7/2012 22:00:50	15.92	51.72	34.04	8.23	8.08	5.6	2.193	102.4
903	9/7/2012 22:15:50	16.00	51.66	34.00	8.22	8.08	5.0	2.117	102.4
904	9/7/2012 22:30:50	16.16	51.47	33.86	8.28	8.09	4.4	2.046	103.4
905	9/7/2012 22:45:50	16.15	51.40	33.81	8.15	8.08	4.8	1.973	101.7
906	9/7/2012 23:00:50	16.32	51.56	33.93	8.24	8.09	4.2	1.942	103.2
907	9/7/2012 23:15:50	16.47	51.66	34.01	8.36	8.10	4.3	1.902	105.1
908	9/7/2012 23:30:50	16.63	51.64	34.00	8.48	8.12	3.7	1.856	107.0
909	9/7/2012 23:45:50	16.84	51.72	34.06	8.70	8.14	3.1	1.837	110.2
910	9/8/2012 0:00:50	16.81	51.56	33.94	8.63	8.13	3.7	1.845	109.2
911	9/8/2012 0:15:50	16.82	51.75	34.08	8.62	8.14	3.2	1.837	109.2
912	9/8/2012 0:30:50	16.89	51.65	34.01	8.75	8.15	3.1	1.868	110.9
913	9/8/2012 0:45:50	16.76	51.63	33.99	8.64	8.14	3.4	1.892	109.3
914	9/8/2012 1:00:50	16.84	51.56	33.94	8.72	8.14	3.7	1.926	110.4
915	9/8/2012 1:15:50	16.84	51.55	33.93	8.73	8.15	4.3	1.963	110.5
916	9/8/2012 1:30:50	16.80	51.76	34.08	8.69	8.14	4.3	2.010	110.0
917	9/8/2012 1:45:50	16.78	51.74	34.07	8.69	8.14	4.5	2.068	110.0
918	9/8/2012 2:00:50	16.77	51.64	34.00	8.30	8.11	6.8	2.107	105.0
919	9/8/2012 2:15:50	16.77	51.57	33.95	8.09	8.09	8.4	2.164	102.3
920	9/8/2012 2:30:50	16.80	51.60	33.97	8.35	8.11	6.7	2.203	105.7
921	9/8/2012 2:45:50	16.75	51.43	33.85	8.41	8.11	6.3	2.258	106.2
922	9/8/2012 3:00:50	16.71	51.57	33.95	8.39	8.11	6.2	2.306	106.0
923	9/8/2012 3:15:50	16.66	51.55	33.93	8.39	8.11	6.9	2.361	105.9
924	9/8/2012 3:30:50	16.63	51.52	33.91	8.41	8.11	6.2	2.419	106.0
925	9/8/2012 3:45:50	16.59	51.63	33.99	8.46	8.11	5.7	2.462	106.7
926	9/8/2012 4:00:50	16.43	51.45	33.85	8.40	8.10	5.5	2.512	105.4
927	9/8/2012 4:15:50	16.33	51.55	33.93	8.31	8.09	5.8	2.562	104.2
928	9/8/2012 4:30:50	16.25	51.49	33.88	8.26	8.08	5.3	2.616	103.3
929	9/8/2012 4:45:50	16.20	51.45	33.85	8.20	8.08	5.2	2.660	102.5
930	9/8/2012 5:00:50	16.10	51.41	33.82	8.19	8.07	5.3	2.706	102.1
931	9/8/2012 5:15:50	16.02	51.52	33.90	8.20	8.07	4.8	2.746	102.1
932	9/8/2012 5:30:50	15.88	51.53	33.90	8.22	8.07	4.2	2.780	102.1
933	9/8/2012 5:45:50	15.83	51.52	33.90	8.20	8.07	4.2	2.805	101.8
934	9/8/2012 6:00:50	15.79	51.54	33.91	8.18	8.07	3.9	2.840	101.4
935	9/8/2012 6:15:50	15.74	51.62	33.96	8.17	8.07	3.7	2.870	101.2
936	9/8/2012 6:30:50	15.69	51.23	33.68	8.16	8.07	3.9	2.892	100.9
937	9/8/2012 6:45:50	15.79	51.28	33.72	8.04	8.05	4.6	2.895	99.5
938	9/8/2012 7:00:50	15.78	51.65	33.99	7.88	8.04	3.8	2.914	97.7
939	9/8/2012 7:15:50	15.70	51.48	33.86	7.91	8.04	3.9	2.903	97.9
940	9/8/2012 7:30:50	15.69	51.59	33.94	7.93	8.04	4.0	2.879	98.2
941	9/8/2012 7:45:50	15.81	51.24	33.69	7.38	8.01	6.8	2.859	91.5
942	9/8/2012 8:00:50	15.75	51.60	33.95	7.15	7.99	5.7	2.829	88.6
943	9/8/2012 8:15:50	15.62	51.51	33.88	7.05	7.98	6.8	2.805	87.1
944	9/8/2012 8:30:50	15.14	51.47	33.85	6.65	7.89	7.2	2.760	81.3
945	9/8/2012 8:45:50	15.49	51.70	34.02	7.01	7.96	6.0	2.710	86.5
946	9/8/2012 9:00:50	15.37	51.60	33.94	6.77	7.93	6.1	2.691	83.2
947	9/8/2012 9:15:50	15.50	51.58	33.93	6.95	7.96	5.7	2.659	85.8
948	9/8/2012 9:30:50	15.78	51.74	34.05	7.31	8.00	5.0	2.607	90.7
949	9/8/2012 9:45:50	15.77	51.52	33.90	7.25	8.00	5.1	2.572	89.8
950	9/8/2012 10:00:50	15.76	51.67	34.01	7.47	8.01	4.8	2.557	92.7
951	9/8/2012 10:15:50	16.03	51.47	33.86	7.70	8.04	4.3	2.534	95.9
952	9/8/2012 10:30:50	16.08	51.55	33.92	7.82	8.05	5.7	2.492	97.5
953	9/8/2012 10:45:50	16.16	51.55	33.93	7.87	8.06	4.0	2.489	98.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	9/8/2012 11:00:50	16.25	51.46	33.86	7.97	8.07	3.9	2.487	99.7
955	9/8/2012 11:15:50	16.27	51.49	33.88	7.83	8.05	4.2	2.470	98.0
956	9/8/2012 11:30:50	16.30	51.51	33.90	7.73	8.02	4.2	2.473	96.8
957	9/8/2012 11:45:50	16.28	51.48	33.87	7.97	8.07	3.9	2.493	99.8
958	9/8/2012 12:00:50	16.27	51.46	33.86	7.94	8.07	4.3	2.512	99.4
959	9/8/2012 12:15:50	16.22	51.41	33.82	7.92	8.07	5.2	2.531	99.0
960	9/8/2012 12:30:50	16.19	51.53	33.91	7.86	8.06	7.4	2.556	98.2
961	9/8/2012 12:45:50	16.15	51.63	33.98	7.81	8.05	7.6	2.583	97.5
962	9/8/2012 13:00:50	16.11	51.38	33.80	7.70	8.05	7.9	2.630	96.0
963	9/8/2012 13:15:50	16.05	51.54	33.92	7.67	8.04	7.9	2.668	95.6
964	9/8/2012 13:30:50	15.98	51.55	33.92	7.70	8.04	6.6	2.701	95.8
965	9/8/2012 13:45:50	15.95	51.53	33.91	7.76	8.04	6.1	2.733	96.5
966	9/8/2012 14:00:50	15.87	51.50	33.88	7.83	8.04	5.6	2.792	97.3
967	9/8/2012 14:15:50	15.82	51.62	33.97	7.87	8.04	5.0	2.823	97.6
968	9/8/2012 14:30:50	15.79	51.54	33.91	7.90	8.05	4.7	2.859	98.0
969	9/8/2012 14:45:50	15.76	51.47	33.86	7.87	8.04	5.4	2.912	97.5
970	9/8/2012 15:00:50	15.57	51.52	33.89	7.91	8.05	6.8	2.963	97.7
971	9/8/2012 15:15:50	15.29	51.42	33.81	8.10	8.05	5.7	3.000	99.5
972	9/8/2012 15:30:50	15.16	51.46	33.84	8.19	8.06	5.3	3.047	100.3
973	9/8/2012 15:45:50	15.02	51.22	33.66	8.25	8.06	4.5	3.101	100.6
974	9/8/2012 16:00:50	14.95	51.47	33.84	8.31	8.06	4.0	3.139	101.3
975	9/8/2012 16:15:50	14.90	51.25	33.68	8.31	8.06	3.6	3.192	101.1
976	9/8/2012 16:30:50	14.66	51.43	33.80	8.32	8.06	3.6	3.232	100.8
977	9/8/2012 16:45:50	14.58	51.29	33.69	8.35	8.06	3.5	3.268	101.0
978	9/8/2012 17:00:50	14.50	51.39	33.77	8.34	8.06	3.1	3.298	100.7
979	9/8/2012 17:15:50	14.31	51.45	33.80	8.31	8.06	3.3	3.336	100.0
980	9/8/2012 17:30:50	14.23	51.48	33.82	8.27	8.05	2.9	3.359	99.4
981	9/8/2012 17:45:50	14.29	51.37	33.75	8.22	8.04	3.1	3.356	98.8
982	9/8/2012 18:00:50	14.41	51.52	33.86	8.09	8.04	3.0	3.366	97.6
983	9/8/2012 18:15:50	14.26	51.17	33.60	8.05	8.03	2.6	3.368	96.6
984	9/8/2012 18:30:50	14.25	51.36	33.74	8.11	8.04	2.9	3.340	97.4
985	9/8/2012 18:45:50	14.39	51.29	33.69	8.13	8.04	2.9	3.303	97.9
986	9/8/2012 19:00:50	14.84	51.42	33.80	8.49	8.08	3.4	3.264	103.2
987	9/8/2012 19:15:50	15.11	51.42	33.80	8.53	8.08	3.6	3.226	104.3
988	9/8/2012 19:30:50	15.24	51.46	33.84	8.61	8.09	4.0	3.162	105.5
989	9/8/2012 19:45:50	15.57	51.36	33.77	8.85	8.11	5.0	3.095	109.2
990	9/8/2012 20:00:50	15.80	51.48	33.86	9.02	8.13	5.4	3.032	111.8
991	9/8/2012 20:15:50	15.99	51.49	33.87	9.19	8.15	4.8	2.969	114.4
992	9/8/2012 20:30:50	16.01	51.50	33.88	9.29	8.15	5.1	2.900	115.7
993	9/8/2012 20:45:50	16.28	51.61	33.97	9.64	8.19	5.4	2.819	120.7
994	9/8/2012 21:00:50	16.34	51.60	33.96	9.83	8.19	5.6	2.754	123.2
995	9/8/2012 21:15:50	16.20	51.41	33.82	9.56	8.17	5.4	2.708	119.4
996	9/8/2012 21:30:50	16.38	51.58	33.95	9.85	8.19	5.5	2.618	123.6
997	9/8/2012 21:45:50	16.25	51.58	33.95	9.47	8.17	5.7	2.541	118.5
998	9/8/2012 22:00:50	16.16	51.69	34.03	9.31	8.16	6.1	2.472	116.4
999	9/8/2012 22:15:50	16.13	51.61	33.97	8.85	8.13	5.1	2.391	110.6
1000	9/8/2012 22:30:50	15.94	51.57	33.94	8.60	8.11	5.6	2.305	107.0
1001	9/8/2012 22:45:50	15.81	51.59	33.94	8.27	8.09	5.5	2.217	102.7
1002	9/8/2012 23:00:50	15.77	51.69	34.02	8.12	8.08	5.3	2.157	100.8
1003	9/8/2012 23:15:50	15.88	51.63	33.98	8.08	8.08	4.8	2.081	100.5
1004	9/8/2012 23:30:50	15.76	51.59	33.94	7.91	8.06	4.7	2.004	98.0
1005	9/8/2012 23:45:50	15.85	51.62	33.97	7.98	8.07	4.3	1.944	99.2
1006	9/9/2012 0:00:50	15.88	51.52	33.90	8.00	8.07	4.3	1.896	99.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1007	9/9/2012 0:15:50	16.06	51.54	33.92	8.11	8.08	4.0	1.860	101.1
1008	9/9/2012 0:30:50	16.21	51.58	33.95	8.28	8.10	3.6	1.809	103.6
1009	9/9/2012 0:45:50	16.34	51.59	33.95	8.49	8.11	3.3	1.783	106.5
1010	9/9/2012 1:00:50	16.33	51.66	34.00	8.40	8.10	3.1	1.790	105.4
1011	9/9/2012 1:15:50	16.35	51.61	33.97	8.55	8.13	3.4	1.796	107.3
1012	9/9/2012 1:30:50	16.34	51.75	34.07	8.57	8.14	3.1	1.798	107.6
1013	9/9/2012 1:45:50	16.29	51.60	33.96	8.50	8.13	2.9	1.820	106.5
1014	9/9/2012 2:00:50	16.33	51.60	33.96	8.61	8.14	3.2	1.866	108.0
1015	9/9/2012 2:15:50	16.32	51.59	33.96	8.65	8.14	3.7	1.896	108.4
1016	9/9/2012 2:30:50	16.31	51.56	33.93	8.68	8.14	3.6	1.916	108.7
1017	9/9/2012 2:45:50	16.29	51.57	33.94	8.66	8.14	3.7	1.970	108.5
1018	9/9/2012 3:00:50	16.30	51.58	33.94	8.67	8.14	4.2	2.035	108.6
1019	9/9/2012 3:15:50	16.23	51.42	33.83	8.27	8.10	7.0	2.068	103.4
1020	9/9/2012 3:30:50	16.21	51.42	33.83	8.18	8.09	7.5	2.109	102.2
1021	9/9/2012 3:45:50	16.24	51.45	33.85	8.19	8.09	7.8	2.173	102.4
1022	9/9/2012 4:00:50	16.27	51.61	33.97	8.26	8.10	7.3	2.232	103.5
1023	9/9/2012 4:15:50	16.23	51.44	33.85	8.30	8.10	6.6	2.273	103.7
1024	9/9/2012 4:30:50	16.20	51.48	33.87	8.30	8.10	5.7	2.327	103.7
1025	9/9/2012 4:45:50	16.18	51.50	33.89	8.33	8.10	5.5	2.382	104.1
1026	9/9/2012 5:00:50	16.17	51.55	33.92	8.33	8.10	6.4	2.440	104.1
1027	9/9/2012 5:15:50	16.11	51.45	33.85	8.29	8.09	6.7	2.489	103.4
1028	9/9/2012 5:30:50	15.97	51.49	33.87	8.18	8.08	6.2	2.529	101.8
1029	9/9/2012 5:45:50	15.87	51.54	33.91	8.14	8.07	5.1	2.592	101.1
1030	9/9/2012 6:00:50	15.83	51.48	33.86	8.11	8.07	4.7	2.643	100.6
1031	9/9/2012 6:15:50	15.78	51.52	33.89	8.11	8.07	4.8	2.682	100.5
1032	9/9/2012 6:30:50	15.68	51.63	33.97	8.15	8.07	4.5	2.727	100.9
1033	9/9/2012 6:45:50	15.63	51.61	33.96	8.15	8.07	4.7	2.768	100.8
1034	9/9/2012 7:00:50	15.55	51.32	33.74	8.15	8.07	5.1	2.806	100.5
1035	9/9/2012 7:15:50	15.50	51.28	33.71	8.14	8.07	4.2	2.834	100.3
1036	9/9/2012 7:30:50	15.46	51.52	33.89	8.10	8.06	4.5	2.861	99.7
1037	9/9/2012 7:45:50	15.45	51.51	33.88	8.01	8.06	4.9	2.883	98.6
1038	9/9/2012 8:00:50	15.59	51.56	33.92	7.79	8.04	5.5	2.901	96.2
1039	9/9/2012 8:15:50	15.57	51.56	33.92	7.68	8.03	4.5	2.902	94.9
1040	9/9/2012 8:30:50	15.49	51.60	33.94	7.80	8.04	4.3	2.899	96.2
1041	9/9/2012 8:45:50	15.48	51.32	33.74	7.89	8.04	4.3	2.887	97.1
1042	9/9/2012 9:00:50	15.35	51.41	33.80	7.90	8.04	4.3	2.875	97.0
1043	9/9/2012 9:15:50	15.57	51.57	33.93	7.74	8.03	4.8	2.846	95.6
1044	9/9/2012 9:30:50	15.60	51.60	33.95	7.91	8.04	4.7	2.819	97.7
1045	9/9/2012 9:45:50	15.67	51.34	33.76	8.10	8.06	4.8	2.776	100.1
1046	9/9/2012 10:00:50	15.82	51.59	33.95	8.59	8.09	4.6	2.745	106.7
1047	9/9/2012 10:15:50	15.86	51.26	33.71	8.50	8.09	4.3	2.718	105.5
1048	9/9/2012 10:30:50	15.83	51.63	33.98	8.29	8.08	4.3	2.672	102.9
1049	9/9/2012 10:45:50	15.87	51.53	33.90	8.43	8.08	8.2	2.644	104.7
1050	9/9/2012 11:00:50	15.91	51.59	33.94	8.30	8.07	8.4	2.624	103.2
1051	9/9/2012 11:15:50	15.93	51.73	34.05	8.25	8.07	3.9	2.585	102.7
1052	9/9/2012 11:30:50	15.97	51.65	34.00	8.38	8.08	4.2	2.561	104.4
1053	9/9/2012 11:45:50	16.01	51.63	33.98	8.24	8.07	3.6	2.555	102.7
1054	9/9/2012 12:00:50	16.03	51.59	33.95	8.36	8.07	3.8	2.535	104.2
1055	9/9/2012 12:15:50	16.07	51.41	33.82	8.21	8.05	3.6	2.529	102.3
1056	9/9/2012 12:30:50	16.08	51.56	33.93	8.40	8.07	5.4	2.521	104.8
1057	9/9/2012 12:45:50	16.04	51.46	33.85	8.36	8.08	5.4	2.527	104.1
1058	9/9/2012 13:00:50	16.04	51.52	33.90	8.28	8.07	7.2	2.536	103.2
1059	9/9/2012 13:15:50	16.07	51.55	33.92	8.24	8.08	7.8	2.551	102.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	9/9/2012 13:30:50	16.05	51.52	33.90	8.19	8.07	8.3	2.571	102.0
1061	9/9/2012 13:45:50	16.07	51.46	33.86	8.20	8.07	9.4	2.594	102.3
1062	9/9/2012 14:00:50	16.04	51.39	33.81	8.21	8.07	8.9	2.624	102.2
1063	9/9/2012 14:15:50	16.03	51.46	33.86	8.19	8.07	9.4	2.653	102.0
1064	9/9/2012 14:30:50	15.96	51.54	33.91	8.18	8.07	7.5	2.686	101.8
1065	9/9/2012 14:45:50	15.97	51.61	33.96	8.14	8.06	7.6	2.723	101.3
1066	9/9/2012 15:00:50	15.90	51.51	33.89	8.14	8.06	6.7	2.760	101.1
1067	9/9/2012 15:15:50	15.84	51.44	33.84	8.11	8.06	6.7	2.798	100.6
1068	9/9/2012 15:30:50	15.76	51.55	33.91	8.12	8.06	5.7	2.841	100.7
1069	9/9/2012 15:45:50	15.61	51.29	33.72	7.97	8.04	4.8	2.881	98.4
1070	9/9/2012 16:00:50	15.38	51.23	33.67	7.84	8.03	5.6	2.933	96.3
1071	9/9/2012 16:15:50	15.16	51.46	33.83	7.94	8.03	5.3	2.976	97.2
1072	9/9/2012 16:30:50	14.96	51.29	33.71	8.04	8.04	5.0	3.019	97.9
1073	9/9/2012 16:45:50	14.81	51.50	33.86	8.14	8.04	4.4	3.068	99.0
1074	9/9/2012 17:00:50	14.68	51.39	33.77	8.23	8.04	3.7	3.119	99.7
1075	9/9/2012 17:15:50	14.54	51.40	33.78	8.26	8.04	3.5	3.165	99.9
1076	9/9/2012 17:30:50	14.51	51.27	33.68	8.30	8.05	3.4	3.202	100.2
1077	9/9/2012 17:45:50	14.44	51.49	33.84	8.32	8.05	3.4	3.248	100.4
1078	9/9/2012 18:00:50	14.28	51.40	33.77	8.38	8.05	3.6	3.279	100.7
1079	9/9/2012 18:15:50	14.22	51.12	33.56	8.38	8.05	3.4	3.307	100.5
1080	9/9/2012 18:30:50	14.84	51.51	33.87	8.54	8.07	3.3	3.328	103.8
1081	9/9/2012 18:45:50	14.80	51.42	33.79	8.37	8.04	2.8	3.337	101.8
1082	9/9/2012 19:00:50	14.62	51.25	33.66	8.14	8.02	3.7	3.344	98.5
1083	9/9/2012 19:15:50	14.50	51.34	33.73	8.13	8.02	2.9	3.333	98.2
1084	9/9/2012 19:30:50	14.53	51.35	33.74	8.19	8.03	3.4	3.317	99.0
1085	9/9/2012 19:45:50	14.59	51.41	33.78	8.19	8.04	3.6	3.291	99.1
1086	9/9/2012 20:00:50	15.11	51.44	33.82	8.24	8.05	4.8	3.250	100.8
1087	9/9/2012 20:15:50	15.32	51.53	33.89	8.13	8.05	6.2	3.211	99.9
1088	9/9/2012 20:30:50	15.08	51.43	33.81	7.98	8.02	6.1	3.154	97.6
1089	9/9/2012 20:45:50	14.89	51.29	33.70	7.89	8.01	6.9	3.092	96.0
1090	9/9/2012 21:00:50	14.87	51.50	33.86	7.84	8.01	7.5	3.039	95.5
1091	9/9/2012 21:15:50	14.85	51.24	33.67	7.83	8.00	7.9	2.967	95.1
1092	9/9/2012 21:30:50	14.81	51.42	33.80	7.81	8.00	7.3	2.902	95.0
1093	9/9/2012 21:45:50	14.84	51.22	33.65	7.71	8.00	7.5	2.829	93.7
1094	9/9/2012 22:00:50	14.91	51.48	33.84	7.82	8.01	7.5	2.762	95.3
1095	9/9/2012 22:15:50	15.03	51.48	33.85	7.87	8.02	8.0	2.688	96.1
1096	9/9/2012 22:30:50	14.80	51.52	33.87	7.75	8.01	8.6	2.609	94.3
1097	9/9/2012 22:45:50	15.47	51.29	33.72	7.90	8.04	8.3	2.539	97.3
1098	9/9/2012 23:00:50	15.44	51.35	33.76	7.93	8.04	7.0	2.456	97.6
1099	9/9/2012 23:15:50	15.55	51.43	33.82	8.00	8.05	6.6	2.377	98.7
1100	9/9/2012 23:30:50	15.95	51.47	33.86	8.00	8.08	6.4	2.285	99.5
1101	9/9/2012 23:45:50	15.51	51.72	34.04	7.95	8.05	6.6	2.221	98.1
1102	9/10/2012 0:00:50	15.86	51.55	33.92	7.98	8.07	6.1	2.124	99.1
1103	9/10/2012 0:15:50	15.99	51.50	33.88	7.99	8.07	5.7	2.054	99.4
1104	9/10/2012 0:30:50	16.00	51.61	33.96	7.99	8.07	32.2	1.985	99.6
1105	9/10/2012 0:45:50	15.99	51.41	33.82	7.93	8.06	60.2	1.903	98.6
1106	9/10/2012 1:00:50	16.23	51.47	33.86	8.13	8.09	58.2	1.866	101.7
1107	9/10/2012 1:15:50	16.43	51.68	34.03	8.36	8.10	50.9	1.806	105.0
1108	9/10/2012 1:30:50	16.43	51.59	33.96	8.34	8.10	53.7	1.762	104.8
1109	9/10/2012 1:45:50	16.64	51.61	33.98	8.69	8.14	55.7	1.755	109.6
1110	9/10/2012 2:00:50	16.77	51.64	34.00	8.79	8.15	54.1	1.743	111.2
1111	9/10/2012 2:15:50	16.61	51.78	34.10	8.50	8.13	42.5	1.739	107.3
1112	9/10/2012 2:30:50	16.82	51.62	33.99	8.93	8.17	3.4	1.746	113.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1113	9/10/2012 2:45:50	16.86	51.62	33.99	9.04	8.19	3.7	1.783	114.5
1114	9/10/2012 3:00:50	16.88	51.61	33.98	9.11	8.19	3.7	1.819	115.4
1115	9/10/2012 3:15:50	16.87	51.61	33.98	9.12	8.19	4.3	1.840	115.5
1116	9/10/2012 3:30:50	16.86	51.59	33.97	9.11	8.19	4.5	1.890	115.4
1117	9/10/2012 3:45:50	16.85	51.59	33.96	9.09	8.18	5.1	1.949	115.1
1118	9/10/2012 4:00:50	16.94	51.32	33.76	8.79	8.15	6.5	1.991	111.3
1119	9/10/2012 4:15:50	16.90	51.61	33.98	8.70	8.15	6.3	2.033	110.4
1120	9/10/2012 4:30:50	16.85	51.64	34.00	8.67	8.15	5.6	2.090	109.8
1121	9/10/2012 4:45:50	16.86	51.58	33.95	8.65	8.15	6.4	2.153	109.6
1122	9/10/2012 5:00:50	16.79	51.61	33.98	8.68	8.14	6.3	2.196	109.8
1123	9/10/2012 5:15:50	16.74	51.67	34.02	8.67	8.14	5.9	2.246	109.6
1124	9/10/2012 5:30:50	16.67	51.65	34.00	8.62	8.13	5.8	2.310	108.8
1125	9/10/2012 5:45:50	16.58	51.57	33.95	8.53	8.12	6.1	2.368	107.4
1126	9/10/2012 6:00:50	16.43	51.50	33.89	8.38	8.10	5.7	2.422	105.2
1127	9/10/2012 6:15:50	16.18	51.66	34.00	8.17	8.08	7.1	2.481	102.1
1128	9/10/2012 6:30:50	16.09	51.41	33.82	8.14	8.07	6.5	2.539	101.5
1129	9/10/2012 6:45:50	16.08	51.39	33.80	8.14	8.07	5.9	2.598	101.4
1130	9/10/2012 7:00:50	16.03	51.53	33.90	8.24	8.08	5.0	2.647	102.6
1131	9/10/2012 7:15:50	15.90	51.47	33.86	8.24	8.08	4.9	2.704	102.4
1132	9/10/2012 7:30:50	15.81	51.65	33.99	8.24	8.08	4.5	2.752	102.3
1133	9/10/2012 7:45:50	15.72	51.42	33.82	8.22	8.07	4.9	2.800	101.7
1134	9/10/2012 8:00:50	15.61	51.52	33.89	8.23	8.07	5.1	2.839	101.7
1135	9/10/2012 8:15:50	15.57	51.57	33.92	8.18	8.07	4.5	2.870	101.1
1136	9/10/2012 8:30:50	15.59	51.26	33.70	8.14	8.06	4.4	2.916	100.5
1137	9/10/2012 8:45:50	15.37	51.36	33.77	8.09	8.05	4.0	2.934	99.4
1138	9/10/2012 9:00:50	15.35	51.36	33.77	8.05	8.04	3.8	2.946	98.9
1139	9/10/2012 9:15:50	15.69	51.61	33.96	7.98	8.05	4.4	2.960	98.8
1140	9/10/2012 9:30:50	15.52	51.30	33.72	7.88	8.04	3.9	2.968	97.1
1141	9/10/2012 9:45:50	15.39	51.41	33.80	7.87	8.03	4.5	2.955	96.8
1142	9/10/2012 10:00:50	15.42	51.39	33.79	7.95	8.04	4.5	2.922	97.8
1143	9/10/2012 10:15:50	15.42	51.59	33.93	7.87	8.03	4.3	2.917	97.0
1144	9/10/2012 10:30:50	15.51	51.46	33.85	7.89	8.03	5.4	2.877	97.3
1145	9/10/2012 10:45:50	15.77	51.55	33.92	7.59	8.00	4.9	2.831	94.1
1146	9/10/2012 11:00:50	15.75	51.48	33.87	8.07	8.05	4.3	2.790	100.0
1147	9/10/2012 11:15:50	15.78	51.47	33.86	8.22	8.06	4.0	2.754	101.9
1148	9/10/2012 11:30:50	15.82	51.47	33.86	8.18	8.07	3.8	2.711	101.4
1149	9/10/2012 11:45:50	15.89	51.46	33.85	8.15	8.07	3.9	2.654	101.3
1150	9/10/2012 12:00:50	15.98	51.57	33.93	8.16	8.07	34.9	2.628	101.6
1151	9/10/2012 12:15:50	16.03	51.58	33.94	8.03	8.06	89.5	2.591	100.1
1152	9/10/2012 12:30:50	16.11	51.56	33.93	8.08	8.07	20.4	2.555	100.8
1153	9/10/2012 12:45:50	16.22	51.53	33.91	8.13	8.07	25.6	2.527	101.6
1154	9/10/2012 13:00:50	16.35	51.49	33.88	8.24	8.08	3.6	2.505	103.3
1155	9/10/2012 13:15:50	16.54	51.57	33.94	8.52	8.10	3.6	2.480	107.3
1156	9/10/2012 13:30:50	16.64	51.47	33.87	8.28	8.08	3.6	2.475	104.4
1157	9/10/2012 13:45:50	16.60	51.64	33.99	8.33	8.05	3.6	2.469	105.0
1158	9/10/2012 14:00:50	16.65	51.42	33.84	8.48	8.07	4.5	2.451	106.9
1159	9/10/2012 14:15:50	16.50	51.54	33.92	8.45	8.09	3.8	2.476	106.2
1160	9/10/2012 14:30:50	16.50	51.51	33.90	8.26	8.09	4.2	2.479	103.8
1161	9/10/2012 14:45:50	16.45	51.46	33.86	8.27	8.08	5.7	2.497	103.9
1162	9/10/2012 15:00:50	16.47	51.54	33.92	8.33	8.09	5.1	2.528	104.7
1163	9/10/2012 15:15:50	16.43	51.49	33.88	8.29	8.09	5.7	2.557	104.1
1164	9/10/2012 15:30:50	16.37	51.55	33.93	8.29	8.08	5.7	2.597	103.9
1165	9/10/2012 15:45:50	16.28	51.50	33.89	8.31	8.08	4.8	2.633	104.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1166	9/10/2012 16:00:50	16.23	51.46	33.86	8.29	8.08	4.5	2.676	103.7
1167	9/10/2012 16:15:50	16.17	51.66	34.01	8.22	8.07	4.2	2.714	102.8
1168	9/10/2012 16:30:51	16.08	51.65	33.99	8.22	8.07	4.0	2.761	102.5
1169	9/10/2012 16:45:50	15.98	51.54	33.91	8.13	8.06	4.8	2.814	101.2
1170	9/10/2012 17:00:50	15.78	51.49	33.87	7.88	8.04	5.3	2.854	97.7
1171	9/10/2012 17:15:50	15.51	51.53	33.89	7.98	8.04	4.5	2.906	98.4
1172	9/10/2012 17:30:50	15.35	51.41	33.81	8.04	8.04	4.4	2.960	98.7
1173	9/10/2012 17:45:50	15.21	51.39	33.78	8.09	8.04	4.3	3.012	99.1
1174	9/10/2012 18:00:50	15.06	51.37	33.77	8.38	8.05	3.7	3.061	102.3
1175	9/10/2012 18:15:50	14.98	51.22	33.66	8.34	8.05	4.6	3.107	101.6
1176	9/10/2012 18:30:50	14.94	51.07	33.54	8.39	8.04	3.4	3.162	102.1
1177	9/10/2012 18:45:50	14.82	51.52	33.87	8.35	8.04	3.1	3.198	101.6
1178	9/10/2012 19:00:50	14.63	51.30	33.71	8.37	8.04	3.2	3.241	101.3
1179	9/10/2012 19:15:50	14.60	51.34	33.73	8.36	8.04	3.6	3.273	101.1
1180	9/10/2012 19:30:50	14.52	51.28	33.68	8.36	8.04	3.3	3.312	101.0
1181	9/10/2012 19:45:50	14.53	51.30	33.70	8.39	8.04	2.9	3.327	101.4
1182	9/10/2012 20:00:50	14.42	51.37	33.75	8.20	8.01	3.4	3.331	98.9
1183	9/10/2012 20:15:50	14.42	51.30	33.70	8.22	8.01	5.5	3.337	99.1
1184	9/10/2012 20:30:50	14.40	51.18	33.61	8.26	8.01	2.9	3.331	99.4
1185	9/10/2012 20:45:50	14.46	51.36	33.75	8.28	8.02	2.8	3.311	99.9
1186	9/10/2012 21:00:50	14.65	51.30	33.70	8.17	8.03	2.9	3.266	98.9
1187	9/10/2012 21:15:50	14.85	51.22	33.65	8.14	8.03	3.2	3.227	98.9
1188	9/10/2012 21:30:50	15.18	51.26	33.69	8.16	8.04	4.0	3.176	99.8
1189	9/10/2012 21:45:50	15.43	51.44	33.83	8.13	8.05	4.2	3.111	100.1
1190	9/10/2012 22:00:50	15.90	51.46	33.85	8.05	8.07	4.8	3.042	100.0
1191	9/10/2012 22:15:50	15.72	51.47	33.86	7.93	8.05	5.2	2.963	98.2
1192	9/10/2012 22:30:50	16.14	51.54	33.92	8.18	8.08	5.1	2.897	102.2
1193	9/10/2012 22:45:50	16.36	51.31	33.75	8.26	8.09	5.3	2.827	103.5
1194	9/10/2012 23:00:50	16.59	51.53	33.92	8.33	8.09	5.7	2.740	105.0
1195	9/10/2012 23:15:50	16.72	51.59	33.96	8.30	8.10	5.6	2.666	104.9
1196	9/10/2012 23:30:50	16.57	51.63	33.99	8.14	8.08	5.8	2.585	102.5
1197	9/10/2012 23:45:50	16.43	51.54	33.92	7.96	8.07	5.3	2.502	100.0
1198	9/11/2012 0:00:50	16.21	51.56	33.93	7.81	8.05	5.9	2.410	97.7
1199	9/11/2012 0:15:50	16.11	51.56	33.93	7.82	8.05	6.1	2.329	97.7
1200	9/11/2012 0:30:50	16.19	51.36	33.78	7.88	8.06	6.1	2.236	98.4
1201	9/11/2012 0:45:50	16.26	51.49	33.88	7.91	8.07	5.9	2.134	98.9
1202	9/11/2012 1:00:50	16.28	51.72	34.05	7.93	8.08	5.5	2.048	99.4
1203	9/11/2012 1:15:50	16.35	51.48	33.88	7.90	8.08	5.5	1.965	99.0
1204	9/11/2012 1:30:50	16.27	51.61	33.97	7.78	8.07	5.5	1.882	97.4
1205	9/11/2012 1:45:50	16.38	51.62	33.98	7.82	8.08	5.2	1.799	98.1
1206	9/11/2012 2:00:50	16.59	51.69	34.03	7.93	8.09	4.9	1.741	100.0
1207	9/11/2012 2:15:50	16.75	51.51	33.91	8.13	8.11	4.8	1.702	102.7
1208	9/11/2012 2:30:50	16.95	51.77	34.09	8.33	8.14	4.4	1.647	105.8
1209	9/11/2012 2:45:50	17.16	51.70	34.05	8.45	8.15	4.3	1.627	107.7
1210	9/11/2012 3:00:50	17.23	51.74	34.08	8.58	8.16	4.0	1.625	109.5
1211	9/11/2012 3:15:50	17.19	51.76	34.09	8.46	8.16	3.9	1.619	108.0
1212	9/11/2012 3:30:50	17.26	51.80	34.12	8.68	8.19	4.0	1.637	110.9
1213	9/11/2012 3:45:50	17.22	51.80	34.12	8.64	8.18	3.7	1.677	110.3
1214	9/11/2012 4:00:50	17.34	51.69	34.05	8.77	8.19	5.2	1.717	112.1
1215	9/11/2012 4:15:50	17.34	51.59	33.97	8.78	8.19	4.8	1.764	112.3
1216	9/11/2012 4:30:50	17.26	51.75	34.09	8.73	8.18	5.0	1.815	111.6
1217	9/11/2012 4:45:50	17.35	51.50	33.90	8.42	8.16	6.9	1.865	107.6
1218	9/11/2012 5:00:50	17.39	51.42	33.85	8.25	8.14	7.3	1.939	105.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1219	9/11/2012 5:15:50	17.40	51.42	33.84	8.14	8.13	8.1	1.990	104.1
1220	9/11/2012 5:30:50	17.39	51.41	33.83	8.12	8.12	8.2	2.055	103.8
1221	9/11/2012 5:45:50	17.26	51.60	33.97	8.25	8.13	7.0	2.113	105.4
1222	9/11/2012 6:00:50	17.17	51.54	33.93	8.28	8.13	6.7	2.175	105.4
1223	9/11/2012 6:15:50	17.06	51.59	33.97	8.21	8.12	7.0	2.251	104.4
1224	9/11/2012 6:30:50	16.82	51.62	33.99	8.10	8.10	7.3	2.305	102.5
1225	9/11/2012 6:45:50	16.53	51.57	33.94	8.02	8.08	7.0	2.380	100.9
1226	9/11/2012 7:00:50	16.35	51.50	33.89	7.96	8.07	6.8	2.455	99.8
1227	9/11/2012 7:15:50	16.26	51.43	33.84	7.95	8.07	5.5	2.508	99.4
1228	9/11/2012 7:30:50	16.16	51.64	33.99	7.99	8.07	5.8	2.577	99.8
1229	9/11/2012 7:45:50	15.98	51.56	33.93	7.99	8.06	5.7	2.632	99.5
1230	9/11/2012 8:00:50	15.90	51.55	33.92	8.04	8.06	5.3	2.693	99.9
1231	9/11/2012 8:15:50	15.77	51.38	33.79	8.01	8.06	5.0	2.752	99.2
1232	9/11/2012 8:30:50	15.64	51.45	33.84	7.99	8.05	5.1	2.798	98.8
1233	9/11/2012 8:45:50	15.56	51.51	33.88	7.95	8.04	5.1	2.857	98.1
1234	9/11/2012 9:00:50	15.44	51.32	33.74	7.95	8.04	4.7	2.896	97.8
1235	9/11/2012 9:15:50	15.31	51.38	33.78	7.94	8.04	4.7	2.940	97.5
1236	9/11/2012 9:30:50	15.11	51.49	33.86	7.98	8.03	4.6	2.973	97.6
1237	9/11/2012 9:45:50	15.03	51.26	33.69	7.99	8.03	4.6	3.009	97.5
1238	9/11/2012 10:00:50	15.02	51.33	33.74	7.92	8.02	4.0	3.018	96.6
1239	9/11/2012 10:15:50	15.26	51.39	33.78	7.83	8.02	3.9	3.028	96.1
1240	9/11/2012 10:30:50	14.98	51.17	33.62	7.86	8.01	3.7	3.030	95.8
1241	9/11/2012 10:45:50	15.04	51.39	33.78	7.88	8.01	3.9	2.996	96.2
1242	9/11/2012 11:00:50	15.22	51.30	33.72	7.88	8.02	4.2	2.977	96.5
1243	9/11/2012 11:15:50	15.38	51.20	33.65	7.94	8.03	3.9	2.943	97.6
1244	9/11/2012 11:30:50	15.78	51.44	33.83	8.21	8.06	4.4	2.878	101.7
1245	9/11/2012 11:45:50	15.86	51.45	33.84	8.29	8.06	4.3	2.833	102.8
1246	9/11/2012 12:00:50	15.94	51.45	33.85	8.38	8.07	4.2	2.786	104.2
1247	9/11/2012 12:15:50	16.00	51.36	33.78	8.28	8.07	4.1	2.717	103.0
1248	9/11/2012 12:30:50	16.12	51.35	33.77	8.32	8.07	3.8	2.658	103.8
1249	9/11/2012 12:45:50	16.25	51.33	33.76	8.34	8.08	4.0	2.610	104.2
1250	9/11/2012 13:00:50	16.35	51.60	33.96	8.29	8.08	4.0	2.554	103.9
1251	9/11/2012 13:15:50	16.49	51.48	33.88	8.34	8.09	3.9	2.506	104.8
1252	9/11/2012 13:30:50	16.69	51.56	33.94	8.49	8.10	4.2	2.455	107.2
1253	9/11/2012 13:45:50	16.89	51.63	33.99	8.60	8.11	4.0	2.423	109.1
1254	9/11/2012 14:00:50	16.99	51.68	34.03	8.59	8.11	3.6	2.394	109.1
1255	9/11/2012 14:15:50	17.15	51.52	33.92	8.84	8.12	3.8	2.360	112.5
1256	9/11/2012 14:30:50	17.27	51.66	34.02	9.01	8.13	3.6	2.330	115.1
1257	9/11/2012 14:45:50	17.38	51.51	33.91	9.01	8.14	3.4	2.311	115.2
1258	9/11/2012 15:00:50	17.41	51.52	33.92	8.91	8.11	3.7	2.323	114.0
1259	9/11/2012 15:15:50	17.27	51.57	33.95	9.14	8.14	4.2	2.314	116.7
1260	9/11/2012 15:30:50	17.19	51.66	34.02	8.99	8.14	3.9	2.322	114.6
1261	9/11/2012 15:45:50	17.20	51.30	33.75	8.88	8.13	4.2	2.339	113.0
1262	9/11/2012 16:00:50	17.27	51.62	33.99	8.88	8.13	4.6	2.377	113.4
1263	9/11/2012 16:15:50	17.21	51.64	34.01	8.82	8.13	5.6	2.418	112.5
1264	9/11/2012 16:30:50	17.11	51.27	33.73	8.77	8.12	5.8	2.447	111.5
1265	9/11/2012 16:45:50	16.95	51.60	33.97	8.65	8.11	5.6	2.501	109.8
1266	9/11/2012 17:00:50	17.04	51.43	33.85	8.68	8.11	4.5	2.549	110.2
1267	9/11/2012 17:15:50	16.83	51.57	33.95	8.62	8.10	4.6	2.596	109.2
1268	9/11/2012 17:30:50	16.69	51.53	33.92	8.66	8.10	4.8	2.664	109.3
1269	9/11/2012 17:45:50	16.56	51.56	33.94	8.65	8.09	5.2	2.713	108.9
1270	9/11/2012 18:00:50	16.49	51.47	33.87	8.50	8.08	4.7	2.779	106.8
1271	9/11/2012 18:15:50	16.37	51.41	33.82	8.38	8.07	5.1	2.825	105.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1272	9/11/2012 18:30:50	16.09	51.55	33.92	8.34	8.06	5.0	2.893	104.1
1273	9/11/2012 18:45:50	15.56	51.34	33.76	8.37	8.05	5.4	2.949	103.2
1274	9/11/2012 19:00:50	15.28	51.35	33.76	8.37	8.05	4.3	3.005	102.7
1275	9/11/2012 19:15:50	15.21	51.16	33.62	8.37	8.05	3.7	3.065	102.5
1276	9/11/2012 19:30:50	15.10	51.43	33.81	8.34	8.04	3.8	3.123	102.0
1277	9/11/2012 19:45:50	14.76	51.44	33.81	8.44	8.04	4.2	3.185	102.5
1278	9/11/2012 20:00:50	14.60	51.30	33.70	8.49	8.04	3.9	3.236	102.7
1279	9/11/2012 20:15:50	14.51	51.23	33.65	8.50	8.04	4.0	3.284	102.6
1280	9/11/2012 20:30:50	14.26	51.31	33.70	8.61	8.04	4.3	3.326	103.5
1281	9/11/2012 20:45:50	14.21	51.07	33.53	8.64	8.04	3.5	3.361	103.6
1282	9/11/2012 21:00:50	14.19	51.30	33.69	8.62	8.03	3.2	3.379	103.4
1283	9/11/2012 21:15:50	14.45	51.06	33.52	8.50	8.02	3.9	3.398	102.4
1284	9/11/2012 21:30:50	14.23	51.43	33.79	8.36	7.99	2.8	3.374	100.5
1285	9/11/2012 21:45:50	14.14	51.35	33.73	8.51	8.00	2.9	3.341	102.0
1286	9/11/2012 22:00:50	14.17	51.32	33.70	8.53	8.02	4.2	3.318	102.3
1287	9/11/2012 22:15:50	14.35	51.28	33.68	8.44	8.04	3.7	3.277	101.6
1288	9/11/2012 22:30:50	15.07	51.28	33.70	8.08	8.04	4.4	3.210	98.6
1289	9/11/2012 22:45:50	15.65	51.42	33.81	7.94	8.06	4.6	3.145	98.1
1290	9/11/2012 23:00:50	15.52	51.41	33.81	8.03	8.06	5.1	3.058	99.0
1291	9/11/2012 23:15:50	15.76	51.45	33.84	8.29	8.09	4.6	2.978	102.8
1292	9/11/2012 23:30:50	15.78	51.36	33.78	8.58	8.10	4.9	2.883	106.3
1293	9/11/2012 23:45:50	16.21	51.39	33.81	8.75	8.12	4.8	2.808	109.3
1294	9/12/2012 0:00:50	16.58	51.47	33.87	8.89	8.15	5.0	2.727	112.0
1295	9/12/2012 0:15:50	16.82	51.45	33.86	8.90	8.15	4.8	2.648	112.6
1296	9/12/2012 0:30:50	16.89	51.46	33.86	8.70	8.14	5.4	2.547	110.2
1297	9/12/2012 0:45:50	16.57	51.36	33.79	8.16	8.10	5.5	2.455	102.7
1298	9/12/2012 1:00:50	16.35	51.46	33.86	8.11	8.08	5.6	2.353	101.7
1299	9/12/2012 1:15:50	16.23	51.43	33.84	8.02	8.08	5.7	2.250	100.3
1300	9/12/2012 1:30:50	16.25	51.54	33.92	8.07	8.09	5.5	2.149	101.0
1301	9/12/2012 1:45:50	16.36	51.54	33.92	8.14	8.10	5.6	2.049	102.0
1302	9/12/2012 2:00:50	16.52	51.48	33.88	8.15	8.11	5.6	1.940	102.5
1303	9/12/2012 2:15:50	16.50	51.54	33.92	8.07	8.10	5.1	1.849	101.4
1304	9/12/2012 2:30:50	16.55	51.62	33.98	8.04	8.10	4.9	1.760	101.2
1305	9/12/2012 2:45:50	16.74	51.70	34.04	8.16	8.12	4.7	1.689	103.2
1306	9/12/2012 3:00:50	16.92	51.64	34.00	8.25	8.13	4.3	1.627	104.6
1307	9/12/2012 3:15:50	17.10	51.61	33.98	8.36	8.15	4.4	1.569	106.4
1308	9/12/2012 3:30:50	17.30	51.77	34.10	8.60	8.17	4.1	1.543	110.0
1309	9/12/2012 3:45:50	17.57	51.64	34.01	8.93	8.21	3.7	1.530	114.6
1310	9/12/2012 4:00:50	17.35	51.69	34.04	8.54	8.16	3.8	1.534	109.2
1311	9/12/2012 4:15:50	17.57	51.69	34.04	9.01	8.22	3.4	1.565	115.8
1312	9/12/2012 4:30:50	17.55	51.70	34.05	8.99	8.20	3.6	1.586	115.5
1313	9/12/2012 4:45:50	17.59	51.75	34.09	9.19	8.22	4.2	1.643	118.1
1314	9/12/2012 5:00:50	17.56	51.70	34.05	9.18	8.22	4.4	1.708	117.9
1315	9/12/2012 5:15:50	17.49	51.81	34.13	9.06	8.21	4.6	1.768	116.3
1316	9/12/2012 5:30:50	17.65	51.36	33.80	8.46	8.16	8.1	1.848	108.7
1317	9/12/2012 5:45:50	17.65	51.49	33.89	8.30	8.15	8.8	1.902	106.8
1318	9/12/2012 6:00:50	17.59	51.46	33.88	8.35	8.15	7.8	1.973	107.2
1319	9/12/2012 6:15:50	17.45	51.44	33.86	8.54	8.16	7.1	2.046	109.4
1320	9/12/2012 6:30:50	17.36	51.52	33.92	8.51	8.15	6.5	2.122	108.8
1321	9/12/2012 6:45:50	17.23	51.43	33.85	8.50	8.14	6.1	2.197	108.3
1322	9/12/2012 7:00:50	17.11	51.62	33.99	8.40	8.14	6.1	2.269	107.0
1323	9/12/2012 7:15:50	16.83	51.53	33.92	8.23	8.11	5.9	2.345	104.2
1324	9/12/2012 7:30:50	16.61	51.34	33.77	8.09	8.09	6.3	2.432	101.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1325	9/12/2012 7:45:50	16.49	51.50	33.89	8.04	8.08	6.0	2.509	101.0
1326	9/12/2012 8:00:50	16.35	51.44	33.85	8.04	8.08	6.1	2.586	100.8
1327	9/12/2012 8:15:50	16.18	51.57	33.94	8.02	8.07	6.0	2.654	100.3
1328	9/12/2012 8:30:50	16.02	51.28	33.72	8.04	8.07	6.1	2.731	100.0
1329	9/12/2012 8:45:50	15.92	51.41	33.81	8.00	8.06	5.9	2.800	99.3
1330	9/12/2012 9:00:50	15.78	51.35	33.77	7.97	8.05	6.3	2.863	98.7
1331	9/12/2012 9:15:50	15.65	51.53	33.90	7.95	8.05	5.7	2.921	98.3
1332	9/12/2012 9:30:50	15.30	51.26	33.69	8.01	8.04	5.3	2.986	98.3
1333	9/12/2012 9:45:50	15.10	51.25	33.68	8.06	8.04	5.6	3.042	98.4
1334	9/12/2012 10:00:50	14.88	51.27	33.69	8.12	8.04	5.1	3.090	98.8
1335	9/12/2012 10:15:50	14.72	51.26	33.68	8.17	8.03	4.4	3.132	99.1
1336	9/12/2012 10:30:50	14.66	51.11	33.57	8.20	8.03	4.8	3.169	99.3
1337	9/12/2012 10:45:50	14.54	51.38	33.76	8.12	8.01	3.4	3.181	98.1
1338	9/12/2012 11:00:50	14.88	51.31	33.72	8.03	8.02	4.0	3.195	97.8
1339	9/12/2012 11:15:50	14.49	51.24	33.66	8.20	8.03	3.6	3.171	98.9
1340	9/12/2012 11:30:50	14.64	51.37	33.76	8.12	8.03	3.5	3.141	98.3
1341	9/12/2012 11:45:50	14.80	51.03	33.51	8.14	8.03	4.0	3.100	98.7
1342	9/12/2012 12:00:50	15.33	51.38	33.78	8.23	8.05	5.3	3.040	101.1
1343	9/12/2012 12:15:50	15.60	51.42	33.82	8.40	8.07	5.4	2.962	103.7
1344	9/12/2012 12:30:50	15.93	51.30	33.73	8.64	8.09	5.1	2.891	107.4
1345	9/12/2012 12:45:50	16.10	51.27	33.72	8.60	8.10	4.5	2.829	107.2
1346	9/12/2012 13:00:50	16.24	51.53	33.91	8.51	8.10	4.2	2.752	106.5
1347	9/12/2012 13:15:50	16.47	51.34	33.77	8.58	8.11	4.5	2.680	107.7
1348	9/12/2012 13:30:50	16.65	51.46	33.87	8.56	8.11	4.3	2.621	107.9
1349	9/12/2012 13:45:50	16.91	51.56	33.94	8.67	8.12	4.1	2.553	110.0
1350	9/12/2012 14:00:50	17.11	51.52	33.92	8.82	8.13	4.0	2.501	112.2
1351	9/12/2012 14:15:50	17.23	51.44	33.86	8.91	8.14	3.8	2.430	113.6
1352	9/12/2012 14:30:50	17.30	51.39	33.82	9.01	8.15	4.0	2.374	115.0
1353	9/12/2012 14:45:50	17.43	51.53	33.93	9.10	8.16	3.7	2.332	116.5
1354	9/12/2012 15:00:50	17.45	51.47	33.88	9.11	8.16	3.4	2.278	116.6
1355	9/12/2012 15:15:50	17.59	51.44	33.86	9.33	8.16	3.6	2.239	119.8
1356	9/12/2012 15:30:50	17.68	51.51	33.91	9.55	8.18	3.4	2.217	122.9
1357	9/12/2012 15:45:50	17.77	51.54	33.93	9.77	8.19	3.6	2.200	126.0
1358	9/12/2012 16:00:50	17.63	51.56	33.95	9.43	8.17	3.8	2.198	121.2
1359	9/12/2012 16:15:50	17.66	51.51	33.91	9.48	8.19	3.9	2.210	121.8
1360	9/12/2012 16:30:50	17.68	51.53	33.93	9.59	8.19	3.7	2.238	123.4
1361	9/12/2012 16:45:50	17.68	51.57	33.96	9.46	8.19	4.3	2.268	121.7
1362	9/12/2012 17:00:50	17.71	51.61	33.99	9.44	8.19	4.2	2.310	121.5
1363	9/12/2012 17:15:50	17.65	51.56	33.95	9.35	8.18	5.6	2.373	120.3
1364	9/12/2012 17:30:50	17.71	51.57	33.96	9.10	8.16	5.6	2.431	117.1
1365	9/12/2012 17:45:50	17.73	51.44	33.86	8.97	8.16	6.8	2.496	115.5
1366	9/12/2012 18:00:50	17.36	51.41	33.84	9.04	8.15	5.4	2.559	115.5
1367	9/12/2012 18:15:50	17.18	51.57	33.95	9.00	8.14	4.9	2.622	114.6
1368	9/12/2012 18:30:50	16.98	51.42	33.84	8.83	8.12	5.1	2.692	112.0
1369	9/12/2012 18:45:50	16.69	51.36	33.79	8.61	8.10	5.7	2.752	108.6
1370	9/12/2012 19:00:50	16.26	51.45	33.85	8.37	8.08	5.1	2.820	104.7
1371	9/12/2012 19:15:50	16.03	51.27	33.71	8.31	8.07	5.3	2.889	103.5
1372	9/12/2012 19:30:50	15.93	51.33	33.76	8.32	8.07	5.1	2.962	103.4
1373	9/12/2012 19:45:50	15.88	51.33	33.75	8.31	8.07	5.2	3.033	103.1
1374	9/12/2012 20:00:50	15.47	51.41	33.81	8.35	8.06	5.1	3.097	102.8
1375	9/12/2012 20:15:50	15.08	51.31	33.73	8.39	8.06	5.2	3.171	102.5
1376	9/12/2012 20:30:50	14.78	51.19	33.63	8.47	8.05	5.3	3.246	102.8
1377	9/12/2012 20:45:50	14.51	51.24	33.66	8.57	8.05	6.5	3.309	103.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1378	9/12/2012 21:00:50	14.27	51.25	33.66	8.63	8.05	5.7	3.370	103.6
1379	9/12/2012 21:15:50	14.06	51.30	33.69	8.66	8.04	4.8	3.424	103.6
1380	9/12/2012 21:30:50	13.85	51.34	33.71	8.68	8.04	4.2	3.479	103.4
1381	9/12/2012 21:45:50	13.76	51.16	33.58	8.67	8.03	3.9	3.510	103.1
1382	9/12/2012 22:00:50	13.70	51.07	33.51	8.59	8.02	4.7	3.525	102.0
1383	9/12/2012 22:15:50	14.09	51.29	33.68	8.51	8.02	3.9	3.542	101.9
1384	9/12/2012 22:30:50	13.82	51.46	33.80	8.43	8.01	3.2	3.525	100.4
1385	9/12/2012 22:45:50	13.78	51.18	33.59	8.47	8.01	3.5	3.490	100.7
1386	9/12/2012 23:00:50	14.07	51.29	33.68	8.40	8.02	5.4	3.443	100.5
1387	9/12/2012 23:15:50	14.76	51.28	33.70	8.19	8.04	7.0	3.373	99.4
1388	9/12/2012 23:30:50	14.99	51.29	33.71	7.92	8.03	5.3	3.306	96.5
1389	9/12/2012 23:45:50	14.94	51.31	33.72	8.04	8.03	4.8	3.217	97.9
1390	9/13/2012 0:00:50	15.36	51.25	33.69	8.14	8.06	7.5	3.115	100.0
1391	9/13/2012 0:15:50	15.68	51.51	33.88	8.26	8.08	6.2	3.016	102.2
1392	9/13/2012 0:30:50	15.88	51.24	33.69	8.40	8.10	6.0	2.932	104.3
1393	9/13/2012 0:45:50	16.31	51.21	33.68	8.48	8.12	6.8	2.825	106.1
1394	9/13/2012 1:00:50	16.60	51.66	34.01	8.55	8.13	5.5	2.724	107.8
1395	9/13/2012 1:15:50	16.69	51.53	33.92	8.48	8.13	5.6	2.615	107.1
1396	9/13/2012 1:30:50	16.70	51.36	33.79	8.49	8.12	6.1	2.520	107.1
1397	9/13/2012 1:45:50	16.37	51.47	33.87	8.28	8.09	5.6	2.412	103.8
1398	9/13/2012 2:00:50	15.99	51.48	33.87	8.06	8.06	5.4	2.286	100.4
1399	9/13/2012 2:15:50	16.07	51.27	33.72	8.09	8.07	6.8	2.189	100.8
1400	9/13/2012 2:30:50	16.35	51.57	33.94	8.12	8.08	6.8	2.077	101.8
1401	9/13/2012 2:45:50	16.39	51.47	33.87	8.01	8.08	6.8	1.952	100.5
1402	9/13/2012 3:00:50	16.66	51.66	34.01	8.06	8.10	5.4	1.850	101.7
1403	9/13/2012 3:15:50	16.60	51.64	34.00	7.90	8.11	5.1	1.762	99.6
1404	9/13/2012 3:30:50	16.68	51.57	33.95	7.95	8.12	4.8	1.677	100.4
1405	9/13/2012 3:45:50	16.86	51.59	33.96	8.03	8.14	4.8	1.602	101.6
1406	9/13/2012 4:00:50	17.03	51.57	33.95	8.15	8.15	4.7	1.545	103.6
1407	9/13/2012 4:15:50	17.35	51.51	33.91	8.44	8.18	4.2	1.517	107.9
1408	9/13/2012 4:30:50	17.41	51.55	33.94	8.52	8.19	3.7	1.505	109.0
1409	9/13/2012 4:45:50	17.30	51.44	33.86	8.40	8.19	4.3	1.520	107.2
1410	9/13/2012 5:00:50	17.62	51.53	33.93	8.79	8.24	3.4	1.543	113.0
1411	9/13/2012 5:15:50	17.58	51.69	34.04	8.82	8.24	3.9	1.597	113.3
1412	9/13/2012 5:30:50	17.67	51.71	34.06	8.97	8.25	4.8	1.655	115.5
1413	9/13/2012 5:45:50	17.63	51.62	34.00	8.94	8.25	4.7	1.720	115.0
1414	9/13/2012 6:00:50	17.70	51.55	33.94	8.60	8.21	7.0	1.810	110.7
1415	9/13/2012 6:15:50	17.79	51.55	33.94	8.19	8.18	9.7	1.880	105.6
1416	9/13/2012 6:30:50	17.69	51.44	33.86	8.33	8.19	8.4	1.958	107.2
1417	9/13/2012 6:45:50	17.48	51.50	33.91	8.42	8.19	6.7	2.045	107.9
1418	9/13/2012 7:00:50	17.37	51.54	33.93	8.39	8.19	6.5	2.123	107.2
1419	9/13/2012 7:15:50	17.30	51.60	33.97	8.37	8.18	6.6	2.208	107.0
1420	9/13/2012 7:30:50	17.14	51.64	34.00	8.29	8.17	6.5	2.293	105.6
1421	9/13/2012 7:45:50	16.85	51.50	33.90	8.13	8.14	7.3	2.377	103.0
1422	9/13/2012 8:00:50	16.73	51.59	33.96	8.07	8.14	6.8	2.470	102.0
1423	9/13/2012 8:15:50	16.57	51.56	33.94	8.02	8.12	7.1	2.554	101.0
1424	9/13/2012 8:30:50	16.32	51.55	33.93	7.98	8.11	7.0	2.632	100.0
1425	9/13/2012 8:45:50	16.19	51.32	33.75	7.97	8.11	7.2	2.718	99.5
1426	9/13/2012 9:00:50	15.98	51.41	33.82	7.97	8.10	7.6	2.802	99.1
1427	9/13/2012 9:15:50	15.92	51.45	33.84	7.94	8.10	8.1	2.874	98.7
1428	9/13/2012 9:30:50	15.75	51.18	33.64	7.90	8.09	8.3	2.946	97.8
1429	9/13/2012 9:45:50	15.30	51.16	33.62	7.95	8.08	8.4	3.029	97.4
1430	9/13/2012 10:00:50	15.08	51.17	33.62	7.98	8.08	8.3	3.096	97.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1431	9/13/2012 10:15:50	14.80	51.44	33.81	8.03	8.07	7.2	3.160	97.6
1432	9/13/2012 10:30:50	14.46	51.28	33.68	8.13	8.07	7.1	3.224	98.0
1433	9/13/2012 10:45:50	14.25	51.33	33.72	8.17	8.07	6.5	3.281	98.2
1434	9/13/2012 11:00:50	14.07	51.27	33.67	8.25	8.07	5.3	3.328	98.7
1435	9/13/2012 11:15:50	14.01	51.23	33.63	8.21	8.06	4.8	3.349	98.1
1436	9/13/2012 11:30:50	14.47	51.28	33.68	8.10	8.06	4.2	3.362	97.7
1437	9/13/2012 11:45:50	14.10	51.34	33.72	8.06	8.05	4.3	3.353	96.5
1438	9/13/2012 12:00:50	14.15	51.24	33.65	8.13	8.06	5.0	3.323	97.4
1439	9/13/2012 12:15:50	14.26	51.28	33.68	8.08	8.06	4.7	3.281	97.0
1440	9/13/2012 12:30:50	14.63	51.33	33.73	8.13	8.08	7.4	3.200	98.4
1441	9/13/2012 12:45:50	15.14	51.39	33.78	8.39	8.11	7.0	3.122	102.7
1442	9/13/2012 13:00:50	15.27	51.35	33.76	8.53	8.12	6.1	3.045	104.6
1443	9/13/2012 13:15:50	15.52	51.36	33.77	8.62	8.12	5.9	2.952	106.2
1444	9/13/2012 13:30:50	15.86	51.41	33.81	8.67	8.13	6.4	2.856	107.6
1445	9/13/2012 13:45:50	16.23	51.30	33.74	8.45	8.12	5.7	2.762	105.6
1446	9/13/2012 14:00:50	16.54	51.41	33.83	8.51	8.14	5.4	2.694	107.0
1447	9/13/2012 14:15:50	16.80	51.43	33.84	8.57	8.15	6.0	2.608	108.4
1448	9/13/2012 14:30:50	16.92	51.58	33.95	8.65	8.16	5.1	2.517	109.7
1449	9/13/2012 14:45:50	17.10	51.33	33.77	8.90	8.17	4.8	2.437	113.1
1450	9/13/2012 15:00:50	17.13	51.40	33.83	9.09	8.18	5.1	2.365	115.6
1451	9/13/2012 15:15:50	17.18	51.47	33.88	9.08	8.19	4.6	2.300	115.7
1452	9/13/2012 15:30:50	17.25	51.52	33.92	9.27	8.20	4.5	2.215	118.2
1453	9/13/2012 15:45:50	17.34	51.40	33.83	9.21	8.20	3.9	2.155	117.7
1454	9/13/2012 16:00:50	17.35	51.32	33.77	9.53	8.21	4.0	2.112	121.7
1455	9/13/2012 16:15:50	17.49	51.56	33.95	9.16	8.21	3.4	2.078	117.4
1456	9/13/2012 16:30:50	17.49	51.57	33.95	9.31	8.20	3.4	2.054	119.4
1457	9/13/2012 16:45:50	17.45	51.20	33.68	9.51	8.21	3.7	2.044	121.7
1458	9/13/2012 17:00:50	17.48	51.45	33.87	9.59	8.22	3.7	2.071	122.8
1459	9/13/2012 17:15:50	17.67	51.56	33.95	9.53	8.23	4.2	2.101	122.6
1460	9/13/2012 17:30:50	17.66	51.48	33.89	9.38	8.23	4.3	2.132	120.6
1461	9/13/2012 17:45:50	17.80	51.65	34.02	9.36	8.24	5.6	2.194	120.8
1462	9/13/2012 18:00:50	17.72	51.49	33.90	9.20	8.22	5.3	2.275	118.4
1463	9/13/2012 18:15:50	17.86	51.56	33.95	8.91	8.20	8.2	2.343	115.1
1464	9/13/2012 18:30:50	17.58	51.37	33.81	8.92	8.19	6.5	2.414	114.5
1465	9/13/2012 18:45:50	17.33	51.43	33.85	8.86	8.18	6.4	2.495	113.1
1466	9/13/2012 19:00:50	17.20	51.49	33.89	8.77	8.16	5.9	2.567	111.8
1467	9/13/2012 19:15:50	16.86	51.44	33.85	8.62	8.14	6.0	2.644	109.1
1468	9/13/2012 19:30:50	16.47	51.50	33.89	8.36	8.12	5.9	2.717	105.0
1469	9/13/2012 19:45:50	16.29	51.39	33.81	8.22	8.11	13.0	2.792	102.9
1470	9/13/2012 20:00:50	16.14	51.23	33.68	8.15	8.10	5.9	2.870	101.7
1471	9/13/2012 20:15:50	15.92	51.37	33.79	8.15	8.10	6.4	2.950	101.2
1472	9/13/2012 20:30:50	15.62	51.47	33.86	8.16	8.09	6.2	3.030	100.8
1473	9/13/2012 20:45:50	15.28	51.33	33.74	8.21	8.09	7.2	3.115	100.7
1474	9/13/2012 21:00:50	15.10	51.25	33.68	8.25	8.09	7.3	3.191	100.8
1475	9/13/2012 21:15:50	14.86	51.12	33.58	8.43	8.09	7.8	3.276	102.4
1476	9/13/2012 21:30:50	14.46	51.19	33.62	8.68	8.10	8.8	3.357	104.7
1477	9/13/2012 21:45:50	14.20	51.26	33.66	8.81	8.11	7.8	3.426	105.7
1478	9/13/2012 22:00:50	14.00	51.18	33.60	8.94	8.12	16.6	3.491	106.7
1479	9/13/2012 22:15:50	13.70	51.34	33.70	9.20	8.14	6.6	3.543	109.2
1480	9/13/2012 22:30:50	13.60	51.28	33.66	9.28	8.14	12.6	3.576	110.0
1481	9/13/2012 22:45:50	13.46	51.32	33.68	9.47	8.14	4.2	3.610	111.9
1482	9/13/2012 23:00:50	13.68	51.10	33.53	9.26	8.13	3.3	3.619	109.8
1483	9/13/2012 23:15:50	13.60	51.13	33.54	9.27	8.13	3.2	3.618	109.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1484	9/13/2012 23:30:50	13.50	51.17	33.57	9.44	8.14	4.3	3.593	111.6
1485	9/13/2012 23:45:50	14.04	51.17	33.59	8.91	8.11	5.6	3.540	106.4
1486	9/14/2012 0:00:50	14.09	51.11	33.55	8.82	8.11	6.1	3.471	105.5
1487	9/14/2012 0:15:50	14.91	51.09	33.56	8.05	8.09	6.5	3.393	97.9
1488	9/14/2012 0:30:50	14.45	51.00	33.48	8.28	8.08	6.7	3.304	99.7
1489	9/14/2012 0:45:50	15.15	50.95	33.46	8.29	8.10	7.6	3.202	101.2
1490	9/14/2012 1:00:50	15.19	51.20	33.64	8.42	8.11	8.4	3.095	103.0
1491	9/14/2012 1:15:50	15.50	51.25	33.69	8.29	8.11	7.0	2.991	102.1
1492	9/14/2012 1:30:50	15.90	51.35	33.77	8.18	8.12	7.6	2.878	101.5
1493	9/14/2012 1:45:50	16.21	51.59	33.95	8.14	8.13	7.1	2.764	101.8
1494	9/14/2012 2:00:50	16.40	51.52	33.90	8.23	8.14	6.6	2.653	103.3
1495	9/14/2012 2:15:50	16.22	51.35	33.78	8.14	8.12	6.5	2.526	101.7
1496	9/14/2012 2:30:50	16.00	51.50	33.88	8.04	8.10	6.0	2.416	100.1
1497	9/14/2012 2:45:50	15.77	51.35	33.77	7.87	8.09	7.5	2.283	97.5
1498	9/14/2012 3:00:50	15.92	51.51	33.89	7.90	8.10	6.7	2.168	98.2
1499	9/14/2012 3:15:50	16.25	51.50	33.89	8.02	8.12	7.4	2.057	100.3
1500	9/14/2012 3:30:50	16.15	51.39	33.81	7.83	8.10	26.1	1.940	97.8
1501	9/14/2012 3:45:50	16.21	51.63	33.98	7.72	8.10	5.6	1.816	96.6
1502	9/14/2012 4:00:50	16.64	51.64	34.00	7.88	8.13	5.4	1.719	99.4
1503	9/14/2012 4:15:50	16.74	51.59	33.96	7.89	8.13	5.2	1.637	99.7
1504	9/14/2012 4:30:50	16.87	51.53	33.92	7.99	8.14	4.8	1.561	101.2
1505	9/14/2012 4:45:50	16.96	51.68	34.03	8.07	8.15	5.0	1.519	102.5
1506	9/14/2012 5:00:50	17.21	51.28	33.74	8.30	8.17	4.5	1.484	105.7
1507	9/14/2012 5:15:50	17.27	51.63	33.99	8.24	8.18	4.2	1.485	105.3
1508	9/14/2012 5:30:50	17.52	51.70	34.05	8.52	8.21	4.3	1.516	109.4
1509	9/14/2012 5:45:50	17.52	51.57	33.96	8.60	8.22	3.9	1.546	110.4
1510	9/14/2012 6:00:50	17.45	51.57	33.96	8.56	8.21	5.8	1.601	109.7
1511	9/14/2012 6:15:50	17.59	51.64	34.01	8.73	8.23	5.1	1.693	112.2
1512	9/14/2012 6:30:50	17.50	51.65	34.01	8.65	8.22	5.1	1.778	111.0
1513	9/14/2012 6:45:50	17.57	51.49	33.90	8.09	8.18	9.4	1.854	103.8
1514	9/14/2012 7:00:50	17.52	51.41	33.84	8.09	8.18	9.2	1.949	103.7
1515	9/14/2012 7:15:50	17.30	51.38	33.81	8.16	8.17	7.9	2.055	104.1
1516	9/14/2012 7:30:50	17.19	51.55	33.94	8.13	8.17	7.3	2.135	103.6
1517	9/14/2012 7:45:50	17.14	51.52	33.91	8.13	8.17	6.7	2.221	103.5
1518	9/14/2012 8:00:50	16.85	51.47	33.88	8.02	8.15	7.2	2.321	101.5
1519	9/14/2012 8:15:50	16.68	51.48	33.88	7.93	8.14	6.8	2.414	100.1
1520	9/14/2012 8:30:50	16.51	51.56	33.93	7.89	8.13	8.3	2.510	99.2
1521	9/14/2012 8:45:50	16.33	51.53	33.91	7.85	8.11	8.1	2.588	98.3
1522	9/14/2012 9:00:50	16.07	51.27	33.72	7.85	8.10	7.8	2.694	97.7
1523	9/14/2012 9:15:50	15.90	51.38	33.79	7.86	8.10	9.1	2.784	97.6
1524	9/14/2012 9:30:50	15.76	51.39	33.80	7.88	8.10	8.8	2.866	97.5
1525	9/14/2012 9:45:50	15.59	51.46	33.85	7.88	8.09	10.4	2.962	97.3
1526	9/14/2012 10:00:50	15.17	51.03	33.52	7.99	8.09	11.7	3.050	97.6
1527	9/14/2012 10:15:50	14.85	51.33	33.73	8.10	8.09	11.8	3.146	98.5
1528	9/14/2012 10:30:50	14.39	51.34	33.73	8.46	8.10	10.0	3.223	102.0
1529	9/14/2012 10:45:50	14.12	51.25	33.66	8.71	8.11	9.1	3.299	104.3
1530	9/14/2012 11:00:50	13.90	51.25	33.64	8.97	8.14	8.9	3.379	106.9
1531	9/14/2012 11:15:50	13.86	51.27	33.66	9.02	8.14	7.0	3.440	107.5
1532	9/14/2012 11:30:50	13.81	50.90	33.39	9.11	8.15	5.7	3.483	108.2
1533	9/14/2012 11:45:50	13.84	50.94	33.41	9.02	8.14	4.3	3.515	107.3
1534	9/14/2012 12:00:50	14.20	51.22	33.63	8.74	8.13	5.4	3.535	104.8
1535	9/14/2012 12:15:50	13.77	51.31	33.68	9.09	8.15	4.7	3.524	108.1
1536	9/14/2012 12:30:50	13.87	51.19	33.60	9.08	8.15	4.9	3.476	108.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1537	9/14/2012 12:45:50	13.95	51.26	33.66	9.09	8.16	5.6	3.429	108.5
1538	9/14/2012 13:00:50	14.45	50.91	33.41	8.95	8.15	7.3	3.348	107.8
1539	9/14/2012 13:15:50	14.75	51.25	33.67	9.17	8.18	6.8	3.260	111.3
1540	9/14/2012 13:30:50	14.91	51.23	33.66	9.04	8.16	7.4	3.160	110.0
1541	9/14/2012 13:45:50	15.38	51.41	33.81	8.83	8.15	8.1	3.049	108.5
1542	9/14/2012 14:00:50	15.65	51.18	33.64	8.61	8.15	7.3	2.960	106.3
1543	9/14/2012 14:15:50	16.04	51.29	33.73	8.58	8.15	6.7	2.852	106.9
1544	9/14/2012 14:30:50	16.42	51.52	33.91	8.57	8.16	7.1	2.746	107.5
1545	9/14/2012 14:45:50	16.55	51.47	33.87	8.56	8.16	6.5	2.654	107.7
1546	9/14/2012 15:00:50	16.67	51.49	33.89	8.63	8.16	6.2	2.550	108.8
1547	9/14/2012 15:15:50	16.75	51.51	33.90	8.78	8.17	5.9	2.458	110.9
1548	9/14/2012 15:30:50	16.86	51.36	33.80	9.24	8.19	5.4	2.358	116.9
1549	9/14/2012 15:45:50	16.75	51.33	33.77	9.25	8.20	5.0	2.258	116.8
1550	9/14/2012 16:00:50	16.83	51.25	33.71	9.55	8.22	5.1	2.181	120.7
1551	9/14/2012 16:15:50	16.97	51.16	33.65	9.70	8.22	4.9	2.081	122.8
1552	9/14/2012 16:30:50	17.09	51.13	33.62	9.45	8.22	4.7	2.013	120.0
1553	9/14/2012 16:45:50	17.32	51.36	33.80	9.25	8.22	4.7	1.958	118.1
1554	9/14/2012 17:00:50	17.32	51.31	33.77	9.11	8.23	4.0	1.914	116.3
1555	9/14/2012 17:15:50	17.37	51.20	33.68	9.32	8.23	4.0	1.890	119.0
1556	9/14/2012 17:30:50	17.21	51.41	33.83	9.68	8.23	5.2	1.885	123.4
1557	9/14/2012 17:45:50	17.31	51.32	33.77	9.49	8.23	4.7	1.904	121.1
1558	9/14/2012 18:00:50	17.30	51.23	33.71	9.45	8.23	4.8	1.939	120.6
1559	9/14/2012 18:15:50	17.46	51.49	33.90	9.28	8.23	5.1	1.989	118.8
1560	9/14/2012 18:30:50	17.75	51.60	33.98	9.29	8.25	4.5	2.060	119.7
1561	9/14/2012 18:45:50	17.62	51.47	33.89	9.18	8.23	5.4	2.145	118.0
1562	9/14/2012 19:00:50	17.87	51.50	33.91	8.78	8.20	9.0	2.231	113.3
1563	9/14/2012 19:15:50	17.59	51.26	33.73	8.83	8.20	8.4	2.313	113.2
1564	9/14/2012 19:30:50	17.31	51.42	33.85	8.83	8.19	7.0	2.403	112.7
1565	9/14/2012 19:45:50	17.19	51.47	33.88	8.82	8.19	6.9	2.495	112.3
1566	9/14/2012 20:00:50	16.81	51.42	33.84	8.58	8.17	6.7	2.580	108.5
1567	9/14/2012 20:15:50	16.55	51.40	33.82	8.38	8.15	6.3	2.661	105.5
1568	9/14/2012 20:30:50	16.39	51.38	33.80	8.32	8.14	6.5	2.750	104.3
1569	9/14/2012 20:45:50	16.24	51.23	33.69	8.26	8.13	20.8	2.842	103.1
1570	9/14/2012 21:00:50	15.95	51.21	33.67	8.28	8.13	8.0	2.928	102.8
1571	9/14/2012 21:15:50	15.71	51.24	33.69	8.37	8.13	11.3	3.013	103.5
1572	9/14/2012 21:30:50	15.52	51.36	33.77	8.49	8.13	8.5	3.111	104.6
1573	9/14/2012 21:45:50	15.28	51.25	33.69	8.69	8.14	9.5	3.200	106.5
1574	9/14/2012 22:00:50	14.83	51.13	33.59	8.98	8.15	10.1	3.285	109.0
1575	9/14/2012 22:15:50	14.55	51.01	33.49	9.14	8.16	10.8	3.379	110.3
1576	9/14/2012 22:30:50	13.96	51.15	33.58	9.56	8.18	10.1	3.455	114.0
1577	9/14/2012 22:45:50	13.72	51.04	33.49	9.80	8.19	7.5	3.535	116.3
1578	9/14/2012 23:00:50	13.59	50.93	33.40	9.93	8.20	6.0	3.598	117.4
1579	9/14/2012 23:15:50	13.54	50.98	33.43	9.93	8.20	5.2	3.652	117.4
1580	9/14/2012 23:30:50	13.49	51.00	33.45	9.95	8.20	4.5	3.687	117.5
1581	9/14/2012 23:45:50	13.51	51.01	33.45	9.90	8.18	4.0	3.714	116.9
1582	9/15/2012 0:00:50	13.77	51.28	33.66	9.47	8.16	3.4	3.714	112.7
1583	9/15/2012 0:15:50	13.46	50.54	33.11	9.97	8.19	3.9	3.686	117.4
1584	9/15/2012 0:30:50	13.97	50.99	33.46	9.34	8.16	5.6	3.632	111.4
1585	9/15/2012 0:45:50	13.88	51.03	33.48	9.48	8.17	6.4	3.564	112.8
1586	9/15/2012 1:00:50	13.91	51.03	33.48	9.30	8.15	18.3	3.472	110.8
1587	9/15/2012 1:15:50	13.80	51.09	33.53	9.35	8.16	8.9	3.367	111.2
1588	9/15/2012 1:30:50	14.73	51.26	33.68	8.69	8.14	7.8	3.258	105.4
1589	9/15/2012 1:45:50	15.20	51.03	33.52	8.39	8.13	9.4	3.142	102.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1590	9/15/2012 2:00:50	15.43	51.07	33.56	8.42	8.14	7.4	3.031	103.5
1591	9/15/2012 2:15:50	15.66	51.20	33.65	8.31	8.14	7.8	2.910	102.7
1592	9/15/2012 2:30:50	16.05	51.25	33.70	8.10	8.14	7.1	2.802	100.9
1593	9/15/2012 2:45:50	16.25	51.36	33.78	8.09	8.14	6.9	2.676	101.2
1594	9/15/2012 3:00:50	16.08	51.32	33.75	8.19	8.14	6.2	2.568	102.0
1595	9/15/2012 3:15:50	15.78	51.23	33.68	8.13	8.14	10.9	2.442	100.7
1596	9/15/2012 3:30:50	15.49	51.45	33.83	8.17	8.13	9.3	2.311	100.7
1597	9/15/2012 3:45:50	15.55	51.16	33.63	8.24	8.13	7.7	2.196	101.5
1598	9/15/2012 4:00:50	15.77	51.10	33.59	8.02	8.13	7.3	2.075	99.2
1599	9/15/2012 4:15:50	16.11	51.36	33.79	7.94	8.14	6.5	1.958	99.0
1600	9/15/2012 4:30:51	16.20	51.36	33.78	7.86	8.13	6.5	1.838	98.2
1601	9/15/2012 4:45:50	16.17	51.32	33.75	7.77	8.12	6.6	1.733	97.0
1602	9/15/2012 5:00:50	16.50	51.62	33.98	7.78	8.13	5.6	1.653	97.8
1603	9/15/2012 5:15:50	16.51	51.52	33.90	7.75	8.14	5.7	1.573	97.4
1604	9/15/2012 5:30:50	16.77	51.51	33.90	7.86	8.16	5.3	1.520	99.4
1605	9/15/2012 5:45:50	17.05	51.69	34.04	8.03	8.18	4.8	1.503	102.2
1606	9/15/2012 6:00:50	16.75	51.40	33.82	7.75	8.16	4.9	1.519	97.9
1607	9/15/2012 6:15:50	17.06	51.61	33.98	8.09	8.19	4.6	1.548	102.9
1608	9/15/2012 6:30:50	16.88	51.58	33.96	8.02	8.19	5.1	1.596	101.6
1609	9/15/2012 6:45:50	17.26	51.64	34.01	8.24	8.23	4.9	1.684	105.2
1610	9/15/2012 7:00:50	17.30	51.53	33.93	8.31	8.23	5.3	1.767	106.1
1611	9/15/2012 7:15:50	17.27	51.29	33.75	7.97	8.21	8.5	1.862	101.6
1612	9/15/2012 7:30:50	17.27	51.46	33.87	7.83	8.20	9.7	1.960	99.9
1613	9/15/2012 7:45:50	17.11	51.52	33.92	7.88	8.20	8.5	2.053	100.3
1614	9/15/2012 8:00:50	16.87	51.57	33.95	7.87	8.19	8.1	2.157	99.7
1615	9/15/2012 8:15:50	16.76	51.55	33.93	7.87	8.19	7.8	2.257	99.4
1616	9/15/2012 8:30:50	16.74	51.55	33.93	7.90	8.19	7.3	2.354	99.8
1617	9/15/2012 8:45:50	16.49	51.53	33.91	7.88	8.18	7.6	2.453	99.1
1618	9/15/2012 9:00:50	16.39	51.52	33.91	7.88	8.17	8.1	2.554	98.8
1619	9/15/2012 9:15:50	16.18	51.50	33.89	7.87	8.16	8.5	2.650	98.3
1620	9/15/2012 9:30:50	15.95	51.48	33.87	7.88	8.16	9.0	2.749	98.0
1621	9/15/2012 9:45:50	15.80	51.33	33.75	7.92	8.16	10.2	2.848	98.2
1622	9/15/2012 10:00:50	15.67	51.44	33.83	7.97	8.16	10.7	2.941	98.6
1623	9/15/2012 10:15:50	15.31	51.24	33.68	8.09	8.16	11.8	3.038	99.3
1624	9/15/2012 10:30:50	14.88	51.17	33.62	8.35	8.17	11.5	3.138	101.5
1625	9/15/2012 10:45:50	14.42	51.03	33.50	8.62	8.18	12.6	3.235	103.8
1626	9/15/2012 11:00:50	14.08	51.10	33.54	8.84	8.19	11.5	3.324	105.7
1627	9/15/2012 11:15:50	13.81	51.15	33.57	9.03	8.19	9.8	3.416	107.4
1628	9/15/2012 11:30:50	13.64	51.11	33.53	9.13	8.20	9.0	3.503	108.2
1629	9/15/2012 11:45:50	13.28	50.89	33.36	9.28	8.20	7.2	3.575	109.1
1630	9/15/2012 12:00:50	13.11	51.04	33.46	9.30	8.21	5.6	3.626	109.0
1631	9/15/2012 12:15:50	12.92	51.07	33.48	9.36	8.21	4.4	3.672	109.2
1632	9/15/2012 12:30:50	12.87	50.97	33.40	9.25	8.20	4.2	3.691	107.8
1633	9/15/2012 12:45:50	13.06	50.91	33.37	9.21	8.21	4.8	3.677	107.7
1634	9/15/2012 13:00:50	13.09	50.94	33.39	9.28	8.21	4.8	3.644	108.7
1635	9/15/2012 13:15:50	13.38	51.13	33.54	9.23	8.21	6.3	3.586	108.8
1636	9/15/2012 13:30:50	13.66	50.88	33.37	9.24	8.21	7.5	3.499	109.5
1637	9/15/2012 13:45:50	13.98	50.95	33.43	9.49	8.23	8.4	3.402	113.2
1638	9/15/2012 14:00:50	14.17	50.97	33.45	9.44	8.23	8.2	3.288	113.0
1639	9/15/2012 14:15:50	14.58	51.02	33.50	9.03	8.21	11.5	3.170	109.0
1640	9/15/2012 14:30:50	14.81	50.95	33.46	8.88	8.21	9.4	3.050	107.7
1641	9/15/2012 14:45:50	15.31	51.23	33.67	8.76	8.21	9.0	2.938	107.5
1642	9/15/2012 15:00:50	15.75	51.12	33.60	8.64	8.21	8.7	2.826	106.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1643	9/15/2012 15:15:50	16.03	51.42	33.82	8.62	8.22	9.1	2.699	107.4
1644	9/15/2012 15:30:50	16.04	51.46	33.86	8.68	8.22	7.3	2.588	108.1
1645	9/15/2012 15:45:50	15.90	51.35	33.77	8.86	8.22	6.9	2.479	110.0
1646	9/15/2012 16:00:50	15.70	51.27	33.71	9.30	8.25	6.3	2.358	114.9
1647	9/15/2012 16:15:50	15.63	51.31	33.74	9.42	8.25	6.1	2.237	116.3
1648	9/15/2012 16:30:50	15.91	51.25	33.70	9.14	8.24	6.1	2.131	113.5
1649	9/15/2012 16:45:50	15.96	51.26	33.71	9.34	8.26	5.6	2.032	116.1
1650	9/15/2012 17:00:50	16.26	51.52	33.90	8.93	8.24	5.9	1.909	111.8
1651	9/15/2012 17:15:50	16.26	51.45	33.85	9.16	8.25	5.4	1.828	114.6
1652	9/15/2012 17:30:50	16.48	51.25	33.71	9.02	8.25	5.5	1.755	113.2
1653	9/15/2012 17:45:50	16.58	51.41	33.82	8.75	8.24	5.1	1.702	110.2
1654	9/15/2012 18:00:50	16.66	51.31	33.76	8.90	8.25	5.1	1.672	112.1
1655	9/15/2012 18:15:50	16.25	51.57	33.94	9.48	8.28	4.7	1.666	118.6
1656	9/15/2012 18:30:50	16.90	51.29	33.74	9.00	8.27	5.0	1.688	113.9
1657	9/15/2012 18:45:50	16.93	51.30	33.75	8.86	8.26	4.7	1.728	112.2
1658	9/15/2012 19:00:50	17.20	51.56	33.95	8.87	8.28	5.1	1.791	113.1
1659	9/15/2012 19:15:50	17.18	51.62	33.99	8.88	8.28	5.6	1.865	113.2
1660	9/15/2012 19:30:50	17.09	51.51	33.91	8.78	8.27	6.7	1.967	111.7
1661	9/15/2012 19:45:50	17.17	51.33	33.78	8.35	8.23	10.3	2.058	106.2
1662	9/15/2012 20:00:50	16.96	51.30	33.75	8.40	8.23	9.4	2.159	106.5
1663	9/15/2012 20:15:50	16.69	51.23	33.70	8.49	8.22	8.1	2.257	106.9
1664	9/15/2012 20:30:50	16.61	51.45	33.86	8.50	8.23	7.0	2.347	107.0
1665	9/15/2012 20:45:50	16.52	51.36	33.79	8.47	8.22	7.5	2.447	106.4
1666	9/15/2012 21:00:50	16.29	51.00	33.52	8.26	8.20	8.0	2.536	103.2
1667	9/15/2012 21:15:50	16.16	51.22	33.68	8.10	8.19	7.3	2.628	101.0
1668	9/15/2012 21:30:50	15.94	51.19	33.66	8.12	8.18	8.1	2.723	100.8
1669	9/15/2012 21:45:50	15.67	51.05	33.55	8.21	8.18	9.0	2.812	101.4
1670	9/15/2012 22:00:50	15.51	51.19	33.64	8.27	8.19	9.5	2.903	101.8
1671	9/15/2012 22:15:50	15.38	51.04	33.53	8.32	8.19	10.4	2.997	102.1
1672	9/15/2012 22:30:50	14.86	50.89	33.41	8.55	8.19	11.2	3.090	103.8
1673	9/15/2012 22:45:50	14.53	50.84	33.36	8.67	8.20	11.9	3.185	104.5
1674	9/15/2012 23:00:50	14.08	50.90	33.40	8.84	8.20	11.3	3.281	105.6
1675	9/15/2012 23:15:50	13.68	50.91	33.39	8.99	8.20	11.4	3.367	106.5
1676	9/15/2012 23:30:50	13.39	50.93	33.39	9.09	8.21	8.8	3.451	107.1
1677	9/15/2012 23:45:50	13.28	50.68	33.20	9.13	8.21	7.5	3.533	107.1
1678	9/16/2012 0:00:50	13.10	51.13	33.53	9.18	8.21	6.2	3.590	107.6
1679	9/16/2012 0:15:50	12.97	51.12	33.52	9.17	8.21	6.8	3.641	107.2
1680	9/16/2012 0:30:50	12.81	51.10	33.49	9.14	8.21	5.3	3.669	106.5
1681	9/16/2012 0:45:50	13.34	51.32	33.68	8.79	8.20	5.2	3.681	103.7
1682	9/16/2012 1:00:50	12.94	51.03	33.45	9.00	8.21	4.7	3.662	105.1
1683	9/16/2012 1:15:50	13.55	51.04	33.48	8.70	8.19	6.5	3.611	102.9
1684	9/16/2012 1:30:50	13.35	50.95	33.41	8.87	8.20	7.6	3.544	104.5
1685	9/16/2012 1:45:50	13.50	51.11	33.53	8.80	8.20	8.3	3.452	104.0
1686	9/16/2012 2:00:50	13.37	51.17	33.57	8.82	8.20	7.8	3.349	104.0
1687	9/16/2012 2:15:50	14.03	51.20	33.61	8.54	8.19	8.7	3.231	102.1
1688	9/16/2012 2:30:50	14.43	51.01	33.49	8.31	8.18	8.0	3.114	100.0
1689	9/16/2012 2:45:50	15.04	51.09	33.56	7.84	8.16	6.5	3.004	95.6
1690	9/16/2012 3:00:50	15.25	51.33	33.74	7.81	8.17	6.7	2.868	95.7
1691	9/16/2012 3:15:50	15.46	51.39	33.79	7.79	8.18	6.4	2.754	95.9
1692	9/16/2012 3:30:50	15.65	51.54	33.90	7.54	8.17	6.7	2.646	93.3
1693	9/16/2012 3:45:50	15.70	51.45	33.84	7.48	8.16	7.9	2.514	92.5
1694	9/16/2012 4:00:50	15.12	51.35	33.76	7.88	8.17	6.7	2.400	96.3
1695	9/16/2012 4:15:50	15.12	51.29	33.71	8.02	8.17	7.0	2.275	98.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1696	9/16/2012 4:30:50	15.06	51.35	33.75	7.80	8.16	7.5	2.156	95.2
1697	9/16/2012 4:45:50	15.40	51.32	33.74	7.79	8.17	7.2	2.034	95.8
1698	9/16/2012 5:00:50	15.34	51.40	33.79	7.68	8.15	6.7	1.911	94.3
1699	9/16/2012 5:15:50	15.47	51.44	33.83	7.60	8.15	6.5	1.813	93.7
1700	9/16/2012 5:30:50	15.62	51.16	33.63	7.49	8.14	6.2	1.706	92.4
1701	9/16/2012 5:45:50	15.76	51.23	33.68	7.53	8.15	5.7	1.614	93.2
1702	9/16/2012 6:00:50	15.99	51.56	33.93	7.56	8.16	6.2	1.563	94.1
1703	9/16/2012 6:15:50	16.15	51.38	33.80	7.57	8.17	5.3	1.531	94.5
1704	9/16/2012 6:30:50	16.22	51.31	33.74	7.54	8.17	5.0	1.523	94.2
1705	9/16/2012 6:45:50	16.25	51.24	33.70	7.59	8.18	5.0	1.542	94.8
1706	9/16/2012 7:00:50	16.21	51.18	33.65	7.66	8.18	4.8	1.588	95.7
1707	9/16/2012 7:15:50	16.47	51.33	33.77	7.72	8.20	5.3	1.657	97.0
1708	9/16/2012 7:30:50	16.51	51.34	33.77	7.78	8.20	5.0	1.743	97.8
1709	9/16/2012 7:45:50	16.46	51.24	33.70	7.76	8.20	5.9	1.835	97.3
1710	9/16/2012 8:00:50	16.41	51.21	33.68	7.63	8.19	8.4	1.941	95.7
1711	9/16/2012 8:15:50	16.20	51.29	33.73	7.62	8.18	8.5	2.045	95.1
1712	9/16/2012 8:30:50	16.00	51.12	33.60	7.63	8.17	7.6	2.141	94.8
1713	9/16/2012 8:45:50	15.96	51.11	33.60	7.63	8.17	7.1	2.244	94.8
1714	9/16/2012 9:00:50	16.02	51.12	33.60	7.64	8.17	7.0	2.347	95.0
1715	9/16/2012 9:15:50	15.94	51.16	33.63	7.67	8.17	7.0	2.451	95.3
1716	9/16/2012 9:30:50	15.81	51.11	33.59	7.72	8.17	7.2	2.545	95.6
1717	9/16/2012 9:45:50	15.65	51.11	33.59	7.76	8.16	8.1	2.647	95.8
1718	9/16/2012 10:00:50	15.36	51.16	33.62	7.83	8.16	9.3	2.749	96.1
1719	9/16/2012 10:15:50	15.23	51.04	33.53	7.92	8.16	10.3	2.851	96.9
1720	9/16/2012 10:30:50	14.97	51.15	33.60	8.04	8.17	11.1	2.953	97.9
1721	9/16/2012 10:45:50	14.54	51.02	33.50	8.19	8.17	11.7	3.057	98.8
1722	9/16/2012 11:00:50	14.13	50.89	33.39	8.36	8.17	11.5	3.166	99.9
1723	9/16/2012 11:15:50	13.66	51.04	33.48	8.46	8.17	11.9	3.263	100.3
1724	9/16/2012 11:30:50	13.21	50.94	33.39	8.57	8.18	14.1	3.360	100.6
1725	9/16/2012 11:45:50	12.95	50.80	33.28	8.63	8.18	10.7	3.456	100.7
1726	9/16/2012 12:00:50	12.78	51.00	33.42	8.63	8.18	10.0	3.543	100.4
1727	9/16/2012 12:15:50	12.24	50.71	33.19	8.68	8.18	6.7	3.624	99.7
1728	9/16/2012 12:30:50	12.10	50.86	33.29	8.65	8.18	5.9	3.684	99.1
1729	9/16/2012 12:45:50	11.94	50.93	33.33	8.66	8.18	5.0	3.733	99.0
1730	9/16/2012 13:00:50	12.02	50.95	33.35	8.59	8.17	4.7	3.762	98.3
1731	9/16/2012 13:15:50	12.43	51.25	33.59	8.53	8.18	4.8	3.759	98.7
1732	9/16/2012 13:30:50	12.18	50.78	33.23	8.57	8.17	5.1	3.738	98.4
1733	9/16/2012 13:45:50	12.27	50.98	33.38	8.57	8.17	5.1	3.679	98.7
1734	9/16/2012 14:00:50	12.47	50.65	33.15	8.66	8.18	7.9	3.594	100.0
1735	9/16/2012 14:15:50	13.45	50.83	33.32	9.07	8.22	9.6	3.501	107.0
1736	9/16/2012 14:30:50	13.41	50.87	33.35	9.28	8.23	7.3	3.378	109.3
1737	9/16/2012 14:45:50	14.19	51.03	33.50	8.98	8.22	10.3	3.257	107.6
1738	9/16/2012 15:00:50	14.47	51.12	33.57	8.95	8.22	9.4	3.137	107.9
1739	9/16/2012 15:15:50	14.92	50.90	33.42	8.96	8.23	8.4	3.013	108.9
1740	9/16/2012 15:30:50	15.28	50.96	33.47	8.96	8.23	8.9	2.901	109.7
1741	9/16/2012 15:45:50	15.67	51.03	33.53	9.07	8.24	7.7	2.767	112.0
1742	9/16/2012 16:00:50	15.66	51.07	33.56	9.08	8.24	7.2	2.644	112.1
1743	9/16/2012 16:15:50	15.99	51.26	33.71	9.41	8.26	6.8	2.523	117.0
1744	9/16/2012 16:30:50	15.40	51.09	33.57	9.46	8.25	7.1	2.400	116.2
1745	9/16/2012 16:45:50	15.42	51.00	33.50	9.43	8.25	7.0	2.272	115.8
1746	9/16/2012 17:00:50	15.67	51.12	33.60	9.41	8.26	7.0	2.137	116.2
1747	9/16/2012 17:15:50	16.00	51.01	33.52	9.36	8.26	7.6	2.014	116.3
1748	9/16/2012 17:30:50	16.29	51.28	33.72	9.25	8.26	7.5	1.889	115.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1749	9/16/2012 17:45:50	16.41	51.15	33.63	9.14	8.26	7.3	1.772	114.5
1750	9/16/2012 18:00:50	16.45	51.26	33.72	9.19	8.26	7.8	1.676	115.3
1751	9/16/2012 18:15:50	16.56	51.20	33.67	9.11	8.26	7.4	1.587	114.5
1752	9/16/2012 18:30:50	16.62	51.27	33.72	9.14	8.27	7.5	1.526	115.1
1753	9/16/2012 18:45:50	16.88	51.29	33.74	9.18	8.27	7.3	1.500	116.2
1754	9/16/2012 19:00:50	16.91	51.30	33.75	9.06	8.27	6.8	1.472	114.8
1755	9/16/2012 19:15:50	17.00	51.33	33.78	9.15	8.28	6.2	1.531	116.1
1756	9/16/2012 19:30:50	17.04	51.31	33.76	9.18	8.28	6.7	1.563	116.5
1757	9/16/2012 19:45:50	17.34	51.33	33.78	9.40	8.30	7.0	1.639	120.0
1758	9/16/2012 20:00:50	17.21	51.40	33.83	9.33	8.30	7.8	1.729	118.9
1759	9/16/2012 20:15:50	17.43	51.17	33.66	8.78	8.25	12.0	1.826	112.3
1760	9/16/2012 20:30:50	17.44	51.13	33.63	8.65	8.24	12.1	1.936	110.5
1761	9/16/2012 20:45:50	17.13	51.14	33.64	8.75	8.24	9.8	2.038	111.2
1762	9/16/2012 21:00:50	17.00	51.36	33.79	8.74	8.24	8.7	2.135	110.9
1763	9/16/2012 21:15:50	16.99	51.08	33.59	8.75	8.24	8.5	2.235	110.9
1764	9/16/2012 21:30:50	16.89	50.98	33.51	8.82	8.24	8.4	2.336	111.4
1765	9/16/2012 21:45:50	16.46	51.45	33.85	8.43	8.21	8.4	2.428	105.9
1766	9/16/2012 22:00:50	16.23	51.27	33.72	8.32	8.20	8.3	2.525	103.9
1767	9/16/2012 22:15:50	15.97	51.23	33.69	8.33	8.19	8.9	2.625	103.5
1768	9/16/2012 22:30:50	15.72	51.41	33.81	8.30	8.19	8.7	2.721	102.8
1769	9/16/2012 22:45:50	15.48	51.32	33.74	8.31	8.19	9.4	2.816	102.4
1770	9/16/2012 23:00:50	15.27	51.02	33.52	8.33	8.19	10.6	2.912	102.1
1771	9/16/2012 23:15:50	14.80	51.04	33.52	8.45	8.19	11.1	3.008	102.5
1772	9/16/2012 23:30:50	14.44	51.04	33.51	8.51	8.19	11.0	3.110	102.5
1773	9/16/2012 23:45:50	14.03	51.04	33.50	8.55	8.18	11.3	3.196	102.1
1774	9/17/2012 0:00:50	13.65	50.96	33.42	8.58	8.18	10.1	3.291	101.7
1775	9/17/2012 0:15:50	13.38	50.86	33.34	8.62	8.18	10.6	3.381	101.4
1776	9/17/2012 0:30:50	13.22	51.01	33.44	8.61	8.18	9.4	3.457	101.1
1777	9/17/2012 0:45:50	13.00	51.16	33.55	8.69	8.19	7.6	3.521	101.6
1778	9/17/2012 1:00:50	12.66	51.21	33.56	8.86	8.20	6.1	3.582	102.9
1779	9/17/2012 1:15:50	12.64	51.04	33.44	8.81	8.20	4.7	3.617	102.2
1780	9/17/2012 1:30:50	13.07	51.14	33.53	8.56	8.19	5.1	3.629	100.3
1781	9/17/2012 1:45:50	12.76	50.89	33.34	8.74	8.19	4.7	3.619	101.6
1782	9/17/2012 2:00:50	12.86	50.70	33.21	8.70	8.19	5.0	3.583	101.3
1783	9/17/2012 2:15:50	13.07	50.84	33.31	8.55	8.19	6.4	3.530	100.0
1784	9/17/2012 2:30:50	13.42	51.01	33.45	8.45	8.18	8.4	3.435	99.6
1785	9/17/2012 2:45:50	13.42	50.81	33.31	8.33	8.17	7.5	3.330	98.2
1786	9/17/2012 3:00:50	13.53	50.88	33.36	8.37	8.17	6.7	3.235	98.9
1787	9/17/2012 3:15:50	14.32	50.91	33.41	8.08	8.17	7.3	3.115	97.1
1788	9/17/2012 3:30:50	14.68	51.10	33.56	7.89	8.16	9.4	2.988	95.5
1789	9/17/2012 3:45:50	15.16	51.30	33.71	7.69	8.16	7.4	2.874	94.1
1790	9/17/2012 4:00:50	15.39	51.15	33.62	7.66	8.17	6.5	2.764	94.0
1791	9/17/2012 4:15:50	15.55	51.33	33.75	7.59	8.17	7.0	2.645	93.6
1792	9/17/2012 4:30:50	15.60	51.43	33.82	7.66	8.17	7.0	2.525	94.6
1793	9/17/2012 4:45:50	15.35	51.25	33.69	7.60	8.16	8.3	2.406	93.3
1794	9/17/2012 5:00:50	15.02	51.26	33.69	7.88	8.17	7.4	2.283	96.1
1795	9/17/2012 5:15:50	15.00	51.48	33.85	7.67	8.15	8.2	2.190	93.6
1796	9/17/2012 5:30:50	15.21	51.16	33.61	7.83	8.17	7.6	2.065	95.9
1797	9/17/2012 5:45:50	15.25	51.37	33.77	7.77	8.16	8.1	1.952	95.3
1798	9/17/2012 6:00:50	15.38	51.30	33.72	7.69	8.16	6.4	1.854	94.5
1799	9/17/2012 6:15:50	15.51	51.19	33.64	7.60	8.16	6.5	1.764	93.6
1800	9/17/2012 6:30:50	15.71	51.03	33.53	7.65	8.16	6.7	1.689	94.5
1801	9/17/2012 6:45:50	15.90	51.13	33.61	7.73	8.17	5.7	1.644	95.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1802	9/17/2012 7:00:50	16.10	51.37	33.79	7.85	8.19	5.1	1.625	97.9
1803	9/17/2012 7:15:50	16.06	51.32	33.75	7.71	8.18	5.1	1.623	96.0
1804	9/17/2012 7:30:50	16.27	51.44	33.84	7.88	8.20	4.8	1.660	98.6
1805	9/17/2012 7:45:50	16.16	51.49	33.88	7.87	8.20	5.0	1.719	98.3
1806	9/17/2012 8:00:50	16.42	51.36	33.79	7.99	8.22	5.0	1.789	100.2
1807	9/17/2012 8:15:50	16.36	51.43	33.84	7.98	8.21	5.4	1.890	100.0
1808	9/17/2012 8:30:50	16.29	51.36	33.78	7.89	8.20	6.9	1.988	98.8
1809	9/17/2012 8:45:50	16.15	51.47	33.87	7.79	8.19	8.7	2.106	97.3
1810	9/17/2012 9:00:50	15.94	51.39	33.80	7.78	8.18	7.9	2.205	96.7
1811	9/17/2012 9:15:50	15.85	51.28	33.72	7.78	8.18	7.0	2.306	96.5
1812	9/17/2012 9:30:50	15.89	51.31	33.74	7.77	8.18	7.1	2.409	96.5
1813	9/17/2012 9:45:50	15.70	51.32	33.75	7.83	8.18	7.9	2.509	96.8
1814	9/17/2012 10:00:50	15.52	51.24	33.68	7.83	8.17	7.8	2.610	96.4
1815	9/17/2012 10:15:50	15.30	51.24	33.68	7.87	8.17	8.7	2.704	96.5
1816	9/17/2012 10:30:50	15.09	51.18	33.63	7.87	8.17	9.6	2.810	96.1
1817	9/17/2012 10:45:50	14.86	51.11	33.57	7.92	8.17	10.3	2.907	96.2
1818	9/17/2012 11:00:50	14.71	51.00	33.49	7.96	8.17	11.8	3.011	96.4
1819	9/17/2012 11:15:50	14.19	51.08	33.53	8.11	8.17	12.5	3.111	97.2
1820	9/17/2012 11:30:50	13.81	51.17	33.58	8.19	8.17	12.2	3.219	97.5
1821	9/17/2012 11:45:50	13.26	51.06	33.48	8.40	8.18	11.5	3.322	98.8
1822	9/17/2012 12:00:50	12.90	50.94	33.38	8.47	8.18	12.4	3.427	98.7
1823	9/17/2012 12:15:50	12.61	51.04	33.44	8.56	8.19	10.0	3.528	99.3
1824	9/17/2012 12:30:50	12.45	51.19	33.54	8.63	8.19	8.6	3.619	99.8
1825	9/17/2012 12:45:50	12.37	51.00	33.40	8.72	8.20	8.2	3.702	100.6
1826	9/17/2012 13:00:51	12.29	51.23	33.57	8.82	8.21	6.2	3.768	101.7
1827	9/17/2012 13:15:51	12.25	50.98	33.38	8.97	8.22	5.3	3.821	103.2
1828	9/17/2012 13:30:51	12.22	51.14	33.50	9.04	8.23	4.3	3.858	104.0
1829	9/17/2012 13:45:50	12.73	50.93	33.37	8.80	8.21	4.5	3.867	102.2
1830	9/17/2012 14:00:50	12.28	51.19	33.53	8.93	8.22	4.0	3.836	102.9
1831	9/17/2012 14:15:51	12.52	51.08	33.47	8.89	8.22	5.3	3.794	103.0
1832	9/17/2012 14:30:50	12.46	50.82	33.28	8.93	8.22	7.3	3.720	103.1
1833	9/17/2012 14:45:50	12.57	50.66	33.16	8.96	8.22	8.2	3.616	103.6
1834	9/17/2012 15:00:50	13.00	50.77	33.26	9.22	8.24	6.7	3.510	107.6
1835	9/17/2012 15:15:50	13.61	50.91	33.39	9.05	8.23	8.3	3.387	107.1
1836	9/17/2012 15:30:50	13.88	50.75	33.28	8.90	8.22	8.4	3.263	105.8
1837	9/17/2012 15:45:50	14.02	50.91	33.40	8.80	8.22	8.1	3.131	105.0
1838	9/17/2012 16:00:50	14.60	50.90	33.41	8.85	8.23	7.7	2.999	106.9
1839	9/17/2012 16:15:50	14.94	50.93	33.44	8.87	8.23	8.6	2.867	107.8
1840	9/17/2012 16:30:50	15.17	50.97	33.48	8.79	8.23	7.9	2.736	107.4
1841	9/17/2012 16:45:50	15.16	50.96	33.47	9.03	8.24	7.9	2.600	110.3
1842	9/17/2012 17:00:50	15.24	51.05	33.54	9.05	8.24	9.4	2.462	110.8
1843	9/17/2012 17:15:50	14.95	50.78	33.33	9.26	8.25	7.2	2.328	112.5
1844	9/17/2012 17:30:50	15.10	50.90	33.43	9.34	8.25	7.0	2.193	114.0
1845	9/17/2012 17:45:50	15.29	50.93	33.45	9.32	8.25	7.2	2.049	114.1
1846	9/17/2012 18:00:50	15.65	51.01	33.51	9.14	8.25	7.4	1.918	112.7
1847	9/17/2012 18:15:50	15.82	51.39	33.80	9.02	8.24	7.2	1.786	111.9
1848	9/17/2012 18:30:50	16.06	51.29	33.73	8.96	8.25	7.7	1.654	111.6
1849	9/17/2012 18:45:50	16.05	51.45	33.85	8.87	8.24	7.5	1.550	110.6
1850	9/17/2012 19:00:50	16.17	51.41	33.82	8.83	8.24	7.2	1.457	110.3
1851	9/17/2012 19:15:50	16.34	51.21	33.67	8.81	8.24	7.5	1.382	110.2
1852	9/17/2012 19:30:50	16.48	51.33	33.77	8.89	8.25	6.9	1.368	111.6
1853	9/17/2012 19:45:50	16.12	51.16	33.64	8.75	8.24	6.8	1.358	109.0
1854	9/17/2012 20:00:50	16.60	51.28	33.73	8.88	8.26	7.0	1.380	111.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1855	9/17/2012 20:15:50	16.95	51.11	33.61	9.14	8.28	6.3	1.452	115.7
1856	9/17/2012 20:30:50	17.12	51.26	33.72	9.23	8.29	6.3	1.521	117.4
1857	9/17/2012 20:45:50	17.07	51.48	33.89	9.23	8.29	6.7	1.619	117.3
1858	9/17/2012 21:00:50	17.07	51.33	33.78	8.87	8.26	9.2	1.725	112.7
1859	9/17/2012 21:15:50	17.08	51.37	33.80	8.73	8.25	10.4	1.823	110.9
1860	9/17/2012 21:30:50	16.80	51.36	33.79	8.76	8.24	8.3	1.930	110.7
1861	9/17/2012 21:45:50	16.64	51.36	33.79	8.72	8.24	9.0	2.028	109.9
1862	9/17/2012 22:00:50	16.63	51.09	33.59	8.76	8.24	8.2	2.127	110.2
1863	9/17/2012 22:15:50	16.51	51.27	33.73	8.81	8.24	7.7	2.231	110.6
1864	9/17/2012 22:30:50	16.29	51.31	33.75	8.60	8.23	8.1	2.338	107.6
1865	9/17/2012 22:45:50	16.13	51.14	33.62	8.42	8.21	8.1	2.431	104.9
1866	9/17/2012 23:00:50	15.95	51.26	33.71	8.34	8.20	8.4	2.529	103.7
1867	9/17/2012 23:15:50	15.70	51.16	33.62	8.33	8.20	8.2	2.635	102.9
1868	9/17/2012 23:30:50	15.47	51.25	33.69	8.35	8.20	9.4	2.725	102.7
1869	9/17/2012 23:45:50	15.37	51.16	33.62	8.35	8.19	10.5	2.824	102.5
1870	9/18/2012 0:00:50	15.01	51.05	33.53	8.45	8.20	10.8	2.918	102.9
1871	9/18/2012 0:15:50	14.64	50.92	33.42	8.55	8.20	11.2	3.011	103.4
1872	9/18/2012 0:30:50	14.22	51.11	33.55	8.69	8.21	11.2	3.104	104.2
1873	9/18/2012 0:45:50	13.86	50.91	33.39	8.86	8.22	9.5	3.192	105.4
1874	9/18/2012 1:00:50	13.61	50.88	33.37	8.96	8.22	9.2	3.276	106.1
1875	9/18/2012 1:15:50	13.47	50.99	33.44	9.08	8.23	8.8	3.354	107.1
1876	9/18/2012 1:30:50	13.27	50.86	33.34	9.24	8.24	7.2	3.429	108.6
1877	9/18/2012 1:45:50	13.18	50.81	33.30	9.35	8.25	5.7	3.486	109.6
1878	9/18/2012 2:00:50	13.08	50.87	33.33	9.49	8.26	5.3	3.528	111.1
1879	9/18/2012 2:15:50	12.90	51.08	33.48	9.55	8.25	4.8	3.550	111.4
1880	9/18/2012 2:30:50	13.23	51.02	33.45	9.25	8.24	4.7	3.548	108.6
1881	9/18/2012 2:45:50	12.96	50.81	33.29	9.47	8.26	5.1	3.525	110.5
1882	9/18/2012 3:00:50	13.41	50.98	33.43	8.95	8.23	8.1	3.459	105.5
1883	9/18/2012 3:15:50	13.39	50.94	33.40	9.09	8.23	8.6	3.390	107.0
1884	9/18/2012 3:30:50	13.61	50.98	33.43	8.76	8.22	8.9	3.304	103.6
1885	9/18/2012 3:45:50	13.61	50.96	33.43	8.72	8.21	9.0	3.193	103.2
1886	9/18/2012 4:00:50	13.95	51.04	33.49	8.54	8.21	7.7	3.085	101.8
1887	9/18/2012 4:15:50	14.44	51.09	33.55	8.28	8.19	8.7	2.968	99.8
1888	9/18/2012 4:30:50	14.84	51.04	33.52	8.02	8.18	7.8	2.872	97.3
1889	9/18/2012 4:45:50	15.14	51.07	33.55	7.89	8.18	7.8	2.757	96.3
1890	9/18/2012 5:00:50	15.42	51.21	33.65	7.55	8.16	8.1	2.649	92.8
1891	9/18/2012 5:15:50	15.42	51.24	33.68	7.58	8.16	7.8	2.543	93.2
1892	9/18/2012 5:30:50	15.41	51.22	33.67	7.44	8.15	7.9	2.428	91.5
1893	9/18/2012 5:45:50	15.17	51.14	33.60	7.80	8.17	8.6	2.323	95.4
1894	9/18/2012 6:00:50	14.99	51.05	33.53	7.90	8.17	9.1	2.221	96.2
1895	9/18/2012 6:15:50	15.06	51.07	33.55	7.88	8.17	7.2	2.129	96.1
1896	9/18/2012 6:30:50	15.13	51.00	33.50	7.83	8.17	7.3	2.028	95.6
1897	9/18/2012 6:45:50	15.27	50.96	33.47	7.74	8.16	6.8	1.927	94.7
1898	9/18/2012 7:00:50	15.28	51.26	33.69	7.62	8.15	6.1	1.864	93.4
1899	9/18/2012 7:15:50	15.41	51.31	33.73	7.57	8.15	6.6	1.806	93.0
1900	9/18/2012 7:30:50	15.71	51.25	33.69	7.72	8.17	5.6	1.766	95.5
1901	9/18/2012 7:45:50	15.84	51.28	33.72	7.79	8.18	5.2	1.767	96.6
1902	9/18/2012 8:00:50	15.77	51.05	33.55	7.75	8.18	5.4	1.778	95.9
1903	9/18/2012 8:15:50	16.02	51.28	33.72	7.84	8.19	4.7	1.816	97.5
1904	9/18/2012 8:30:50	16.01	51.42	33.82	7.84	8.19	4.8	1.873	97.6
1905	9/18/2012 8:45:50	16.13	51.34	33.77	7.88	8.20	5.0	1.960	98.3
1906	9/18/2012 9:00:50	16.03	51.32	33.75	7.90	8.20	5.8	2.054	98.3
1907	9/18/2012 9:15:50	15.99	51.25	33.70	7.75	8.18	9.4	2.154	96.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1908	9/18/2012 9:30:50	15.78	51.16	33.63	7.81	8.18	9.0	2.248	96.6
1909	9/18/2012 9:45:50	15.66	51.17	33.63	7.79	8.18	7.5	2.351	96.1
1910	9/18/2012 10:00:50	15.69	51.30	33.73	7.79	8.18	7.4	2.450	96.3
1911	9/18/2012 10:15:50	15.52	51.04	33.54	7.85	8.18	7.0	2.547	96.6
1912	9/18/2012 10:30:50	15.29	51.09	33.57	7.96	8.18	6.7	2.639	97.6
1913	9/18/2012 10:45:50	15.15	51.06	33.54	8.01	8.18	7.7	2.740	97.9
1914	9/18/2012 11:00:50	14.93	51.22	33.66	8.06	8.18	8.6	2.839	98.1
1915	9/18/2012 11:15:50	14.67	51.04	33.51	8.17	8.19	9.5	2.929	98.8
1916	9/18/2012 11:30:50	14.50	51.13	33.58	8.25	8.19	9.6	3.035	99.5
1917	9/18/2012 11:45:50	14.11	51.01	33.48	8.46	8.20	10.9	3.140	101.2
1918	9/18/2012 12:00:50	13.77	51.07	33.51	8.67	8.21	11.5	3.246	103.0
1919	9/18/2012 12:15:50	13.37	50.96	33.41	8.93	8.23	11.5	3.350	105.1
1920	9/18/2012 12:30:50	12.92	50.87	33.33	9.23	8.24	10.3	3.449	107.7
1921	9/18/2012 12:45:50	12.73	51.01	33.42	9.35	8.25	9.1	3.552	108.7
1922	9/18/2012 13:00:50	12.64	50.83	33.29	9.49	8.26	6.8	3.647	110.0
1923	9/18/2012 13:15:50	12.55	50.96	33.38	9.52	8.26	5.8	3.724	110.2
1924	9/18/2012 13:30:50	12.54	50.72	33.21	9.53	8.26	5.8	3.801	110.2
1925	9/18/2012 13:45:50	12.36	50.98	33.39	9.53	8.26	5.0	3.859	109.9
1926	9/18/2012 14:00:51	12.40	50.87	33.31	9.55	8.26	4.2	3.893	110.2
1927	9/18/2012 14:15:50	12.23	50.85	33.28	9.44	8.25	3.7	3.912	108.5
1928	9/18/2012 14:30:50	12.57	50.78	33.25	9.39	8.25	4.4	3.905	108.7
1929	9/18/2012 14:45:50	12.54	50.95	33.37	9.42	8.26	4.5	3.866	109.0
1930	9/18/2012 15:00:50	12.54	50.95	33.37	9.50	8.26	7.3	3.814	109.9
1931	9/18/2012 15:15:50	12.65	50.81	33.28	9.55	8.26	6.3	3.718	110.8
1932	9/18/2012 15:30:50	13.05	50.83	33.31	9.83	8.28	7.4	3.611	114.9
1933	9/18/2012 15:45:50	13.37	50.63	33.17	10.00	8.29	7.3	3.499	117.6
1934	9/18/2012 16:00:50	13.85	50.68	33.22	9.58	8.27	8.1	3.378	113.8
1935	9/18/2012 16:15:50	13.81	51.04	33.49	9.55	8.27	8.3	3.241	113.5
1936	9/18/2012 16:30:50	14.14	50.76	33.29	9.57	8.27	7.2	3.117	114.4
1937	9/18/2012 16:45:50	14.67	50.92	33.43	9.42	8.27	8.5	2.978	114.0
1938	9/18/2012 17:00:50	15.04	51.00	33.50	9.44	8.27	8.2	2.855	115.0
1939	9/18/2012 17:15:50	15.50	50.99	33.50	9.49	8.28	7.6	2.718	116.7
1940	9/18/2012 17:30:50	15.12	51.09	33.57	9.53	8.27	7.5	2.575	116.4
1941	9/18/2012 17:45:50	14.67	50.93	33.43	9.88	8.28	6.1	2.439	119.5
1942	9/18/2012 18:00:50	14.85	50.94	33.44	9.71	8.28	6.8	2.308	117.8
1943	9/18/2012 18:15:50	15.19	50.93	33.45	9.47	8.27	7.5	2.152	115.7
1944	9/18/2012 18:30:50	15.25	51.10	33.57	9.54	8.27	7.4	2.018	116.8
1945	9/18/2012 18:45:50	15.51	51.03	33.53	9.22	8.26	7.3	1.871	113.5
1946	9/18/2012 19:00:50	15.72	51.12	33.60	9.12	8.25	7.8	1.731	112.7
1947	9/18/2012 19:15:50	15.79	51.23	33.68	8.99	8.25	7.5	1.600	111.4
1948	9/18/2012 19:30:50	15.90	51.11	33.60	8.94	8.24	11.7	1.489	110.9
1949	9/18/2012 19:45:50	16.02	51.18	33.65	8.89	8.24	8.6	1.399	110.5
1950	9/18/2012 20:00:50	16.12	50.70	33.30	8.85	8.24	7.2	1.325	110.1
1951	9/18/2012 20:15:50	16.16	51.01	33.53	8.88	8.24	6.7	1.302	110.7
1952	9/18/2012 20:30:50	15.94	51.39	33.80	8.77	8.24	7.2	1.290	109.0
1953	9/18/2012 20:45:50	16.38	51.22	33.68	8.91	8.25	6.6	1.328	111.7
1954	9/18/2012 21:00:50	16.70	51.28	33.73	9.02	8.26	6.5	1.378	113.8
1955	9/18/2012 21:15:50	16.88	51.38	33.81	9.19	8.28	6.6	1.458	116.3
1956	9/18/2012 21:30:50	16.95	51.27	33.73	9.31	8.28	6.7	1.549	117.9
1957	9/18/2012 21:45:50	16.94	51.26	33.72	9.03	8.26	8.3	1.648	114.3
1958	9/18/2012 22:00:50	17.05	51.07	33.58	8.57	8.22	10.9	1.744	108.7
1959	9/18/2012 22:15:50	16.96	51.04	33.56	8.73	8.23	9.5	1.831	110.5
1960	9/18/2012 22:30:50	16.69	51.12	33.62	8.79	8.24	8.7	1.941	110.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1961	9/18/2012 22:45:50	16.52	51.05	33.56	8.78	8.24	7.9	2.027	110.2
1962	9/18/2012 23:00:50	16.50	51.03	33.55	8.85	8.24	7.6	2.130	111.0
1963	9/18/2012 23:15:50	16.22	51.08	33.58	8.84	8.24	7.6	2.230	110.3
1964	9/18/2012 23:30:50	16.09	51.09	33.58	8.70	8.23	7.4	2.330	108.3
1965	9/18/2012 23:45:50	16.02	51.14	33.62	8.58	8.22	7.1	2.435	106.7
1966	9/19/2012 0:00:50	15.92	51.07	33.57	8.56	8.21	7.8	2.524	106.2
1967	9/19/2012 0:15:50	15.66	51.16	33.63	8.62	8.21	8.0	2.623	106.4
1968	9/19/2012 0:30:50	15.53	51.06	33.55	8.61	8.21	9.2	2.721	106.0
1969	9/19/2012 0:45:50	15.39	50.89	33.42	8.63	8.21	9.5	2.813	105.9
1970	9/19/2012 1:00:50	15.16	51.03	33.52	8.72	8.22	10.4	2.903	106.6
1971	9/19/2012 1:15:50	14.70	51.01	33.49	8.87	8.22	10.9	2.988	107.4
1972	9/19/2012 1:30:50	14.46	50.81	33.34	8.94	8.23	11.1	3.077	107.6
1973	9/19/2012 1:45:50	13.93	50.78	33.30	9.09	8.23	10.4	3.161	108.2
1974	9/19/2012 2:00:50	13.68	50.67	33.21	9.17	8.24	8.1	3.236	108.6
1975	9/19/2012 2:15:50	13.51	50.79	33.30	9.21	8.24	7.9	3.310	108.7
1976	9/19/2012 2:30:50	13.45	50.86	33.35	9.21	8.24	6.4	3.371	108.7
1977	9/19/2012 2:45:50	13.32	50.82	33.31	9.29	8.25	5.0	3.418	109.2
1978	9/19/2012 3:00:50	13.56	50.68	33.22	8.99	8.24	5.3	3.451	106.2
1979	9/19/2012 3:15:50	14.02	51.14	33.57	8.56	8.20	5.4	3.462	102.2
1980	9/19/2012 3:30:50	13.53	50.79	33.29	8.98	8.23	4.8	3.447	106.1
1981	9/19/2012 3:45:50	13.90	50.92	33.40	8.73	8.22	7.2	3.396	103.9
1982	9/19/2012 4:00:50	13.93	50.71	33.25	8.69	8.21	9.3	3.337	103.4
1983	9/19/2012 4:15:50	13.96	50.77	33.30	8.67	8.21	9.0	3.254	103.3
1984	9/19/2012 4:30:50	13.70	50.93	33.40	8.75	8.21	8.5	3.152	103.8
1985	9/19/2012 4:45:50	14.08	50.78	33.31	8.60	8.21	7.3	3.055	102.7
1986	9/19/2012 5:00:50	14.57	50.95	33.44	8.32	8.20	8.2	2.951	100.5
1987	9/19/2012 5:15:50	14.77	50.98	33.47	8.13	8.19	7.3	2.849	98.5
1988	9/19/2012 5:30:50	15.10	50.87	33.40	7.82	8.17	7.3	2.755	95.3
1989	9/19/2012 5:45:50	15.25	51.09	33.57	7.60	8.16	7.8	2.645	93.0
1990	9/19/2012 6:00:50	15.27	51.18	33.63	7.68	8.16	7.1	2.555	94.2
1991	9/19/2012 6:15:50	15.30	51.16	33.62	7.70	8.17	8.1	2.459	94.4
1992	9/19/2012 6:30:50	15.28	51.13	33.60	7.83	8.17	6.8	2.377	96.0
1993	9/19/2012 6:45:50	15.15	51.06	33.54	7.79	8.17	9.0	2.279	95.2
1994	9/19/2012 7:00:50	15.06	51.04	33.52	7.88	8.17	7.3	2.194	96.0
1995	9/19/2012 7:15:50	15.06	51.01	33.51	7.93	8.18	6.5	2.115	96.7
1996	9/19/2012 7:30:50	14.97	51.11	33.57	7.81	8.16	6.1	2.031	95.1
1997	9/19/2012 7:45:50	15.15	51.07	33.55	7.81	8.17	6.7	1.987	95.4
1998	9/19/2012 8:00:50	15.14	51.03	33.52	7.87	8.17	5.0	1.945	96.1
1999	9/19/2012 8:15:50	15.17	51.00	33.50	7.86	8.17	5.1	1.920	96.0
2000	9/19/2012 8:30:50	15.26	51.14	33.61	7.84	8.18	6.1	1.911	96.1
2001	9/19/2012 8:45:50	15.22	51.01	33.51	7.96	8.18	4.7	1.941	97.4
2002	9/19/2012 9:00:50	15.46	51.13	33.60	8.00	8.19	5.1	1.981	98.4
2003	9/19/2012 9:15:50	15.60	51.22	33.67	8.03	8.20	4.7	2.030	99.1
2004	9/19/2012 9:30:50	15.62	51.20	33.66	8.08	8.20	5.0	2.117	99.7
2005	9/19/2012 9:45:50	15.60	51.18	33.64	8.07	8.20	5.6	2.195	99.6
2006	9/19/2012 10:00:50	15.56	51.28	33.72	8.08	8.20	5.4	2.290	99.7
2007	9/19/2012 10:15:50	15.32	51.15	33.61	8.04	8.19	6.0	2.381	98.6
2008	9/19/2012 10:30:50	15.23	50.92	33.44	8.03	8.18	5.6	2.471	98.3
2009	9/19/2012 10:45:50	15.21	50.90	33.42	8.05	8.18	6.1	2.567	98.4
2010	9/19/2012 11:00:50	15.11	51.00	33.49	8.06	8.18	6.2	2.653	98.4
2011	9/19/2012 11:15:50	14.95	51.15	33.60	8.10	8.19	6.8	2.744	98.6
2012	9/19/2012 11:30:50	14.84	50.80	33.34	8.22	8.19	7.5	2.837	99.6
2013	9/19/2012 11:45:50	14.64	51.09	33.55	8.31	8.20	7.8	2.923	100.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
2014	9/19/2012 12:00:51	14.38	51.00	33.48	8.42	8.20	9.1	3.026	101.2
2015	9/19/2012 12:15:50	14.20	50.83	33.35	8.54	8.21	8.9	3.126	102.3
2016	9/19/2012 12:30:50	13.89	50.86	33.36	8.65	8.21	10.0	3.223	102.9
2017	9/19/2012 12:45:50	13.50	50.86	33.35	8.78	8.22	10.3	3.326	103.7
2018	9/19/2012 13:00:50	13.24	50.90	33.36	8.89	8.22	10.3	3.428	104.4
2019	9/19/2012 13:15:51	13.00	50.83	33.31	9.01	8.23	9.4	3.530	105.2
2020	9/19/2012 13:30:50	12.77	50.70	33.20	9.14	8.24	7.8	3.623	106.2
2021	9/19/2012 13:45:50	12.61	50.60	33.12	9.22	8.25	7.1	3.711	106.7
2022	9/19/2012 14:00:50	12.56	50.54	33.08	9.24	8.25	5.3	3.787	106.7
2023	9/19/2012 14:15:50	12.57	50.72	33.21	9.23	8.25	4.3	3.849	106.8
2024	9/19/2012 14:30:50	12.61	50.55	33.09	9.22	8.25	4.0	3.900	106.6
2025	9/19/2012 14:45:50	12.71	50.64	33.15	9.10	8.24	3.5	3.927	105.6
2026	9/19/2012 15:00:50	12.96	50.68	33.19	8.97	8.23	3.7	3.932	104.6
2027	9/19/2012 15:15:50	12.88	50.70	33.21	8.97	8.24	3.7	3.914	104.5
2028	9/19/2012 15:30:51	13.15	50.79	33.28	9.02	8.24	6.5	3.866	105.6
2029	9/19/2012 15:45:50	13.06	50.62	33.15	9.13	8.24	5.8	3.794	106.7
2030	9/19/2012 16:00:50	12.94	50.61	33.14	9.32	8.25	6.5	3.706	108.6
2031	9/19/2012 16:15:50	12.79	50.47	33.04	9.41	8.26	6.7	3.603	109.2
2032	9/19/2012 16:30:50	13.06	50.67	33.19	9.27	8.25	6.5	3.485	108.3
2033	9/19/2012 16:45:50	13.30	50.72	33.23	9.15	8.25	7.8	3.361	107.5
2034	9/19/2012 17:00:50	13.35	50.79	33.29	9.09	8.24	8.1	3.238	106.9
2035	9/19/2012 17:15:50	13.72	50.84	33.34	8.99	8.24	6.8	3.116	106.7
2036	9/19/2012 17:30:50	14.09	50.85	33.36	8.87	8.23	8.1	2.984	106.0
2037	9/19/2012 17:45:50	14.42	50.83	33.35	8.79	8.23	7.7	2.866	105.7
2038	9/19/2012 18:00:50	14.44	50.86	33.37	8.76	8.23	7.0	2.733	105.4
2039	9/19/2012 18:15:50	14.27	50.84	33.36	8.80	8.22	6.9	2.592	105.6
2040	9/19/2012 18:30:50	13.92	50.66	33.22	8.93	8.22	6.1	2.462	106.2
2041	9/19/2012 18:45:50	13.79	50.72	33.26	8.92	8.22	6.2	2.324	105.9
2042	9/19/2012 19:00:50	13.91	50.42	33.04	8.80	8.21	6.5	2.174	104.6
2043	9/19/2012 19:15:50	14.20	50.76	33.30	8.63	8.20	7.3	2.026	103.3
2044	9/19/2012 19:30:50	14.60	51.01	33.49	8.41	8.19	8.6	1.898	101.6
2045	9/19/2012 19:45:50	14.78	50.75	33.31	8.28	8.18	8.5	1.763	100.3
2046	9/19/2012 20:00:50	14.80	50.81	33.35	8.23	8.18	8.4	1.621	99.8
2047	9/19/2012 20:15:50	14.91	50.80	33.34	8.22	8.18	8.1	1.511	99.9
2048	9/19/2012 20:30:50	15.03	50.92	33.44	8.15	8.17	7.4	1.423	99.3
2049	9/19/2012 20:45:50	15.06	51.00	33.50	8.15	8.17	7.0	1.342	99.3
2050	9/19/2012 21:00:50	15.15	50.87	33.40	8.07	8.17	6.9	1.295	98.5
2051	9/19/2012 21:15:50	15.22	51.07	33.55	8.05	8.17	7.1	1.278	98.5
2052	9/19/2012 21:30:50	15.19	50.86	33.40	8.10	8.17	6.2	1.315	98.9
2053	9/19/2012 21:45:50	15.21	51.09	33.56	8.14	8.17	6.1	1.356	99.6
2054	9/19/2012 22:00:50	15.52	50.90	33.43	8.16	8.18	6.1	1.412	100.4
2055	9/19/2012 22:15:50	15.60	51.09	33.57	8.21	8.19	6.5	1.507	101.3
2056	9/19/2012 22:30:50	15.54	51.10	33.58	8.21	8.19	6.8	1.594	101.2
2057	9/19/2012 22:45:50	15.62	51.08	33.57	8.26	8.19	6.7	1.680	101.9
2058	9/19/2012 23:00:50	15.59	51.01	33.52	8.27	8.19	6.7	1.772	101.9
2059	9/19/2012 23:15:50	15.44	51.10	33.58	8.24	8.18	7.0	1.854	101.3
2060	9/19/2012 23:30:50	15.13	51.01	33.51	8.28	8.18	6.2	1.950	101.1
2061	9/19/2012 23:45:50	15.13	50.97	33.47	8.29	8.18	6.5	2.043	101.2
2062	9/20/2012 0:00:50	15.24	50.95	33.46	8.24	8.18	6.6	2.135	100.8
2063	9/20/2012 0:15:50	15.26	50.92	33.44	8.24	8.18	6.4	2.229	100.9
2064	9/20/2012 0:30:50	15.28	50.92	33.44	8.21	8.18	6.2	2.326	100.5
2065	9/20/2012 0:45:50	15.23	50.93	33.45	8.17	8.17	6.7	2.419	100.0
2066	9/20/2012 1:00:50	15.18	50.94	33.46	8.15	8.17	6.8	2.510	99.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
2067	9/20/2012 1:15:50	15.09	50.86	33.39	8.16	8.17	6.9	2.602	99.5
2068	9/20/2012 1:30:50	14.94	50.79	33.34	8.21	8.17	7.3	2.688	99.7
2069	9/20/2012 1:45:50	14.82	50.88	33.40	8.22	8.17	7.8	2.782	99.7
2070	9/20/2012 2:00:50	14.68	50.79	33.33	8.24	8.17	8.1	2.856	99.6
2071	9/20/2012 2:15:50	14.51	50.89	33.40	8.31	8.18	8.5	2.931	100.2
2072	9/20/2012 2:30:50	14.25	50.57	33.16	8.43	8.18	8.6	3.018	100.9
2073	9/20/2012 2:45:50	13.79	50.55	33.13	8.63	8.19	8.9	3.083	102.3
2074	9/20/2012 3:00:50	13.64	50.60	33.16	8.67	8.19	8.1	3.151	102.5
2075	9/20/2012 3:15:50	13.57	50.64	33.19	8.66	8.19	7.0	3.211	102.3
2076	9/20/2012 3:30:50	13.46	50.76	33.27	8.68	8.20	5.7	3.270	102.4
2077	9/20/2012 3:45:50	13.44	50.59	33.15	8.65	8.20	5.9	3.311	101.8
2078	9/20/2012 4:00:50	14.41	50.89	33.40	7.63	8.13	6.3	3.326	91.8
2079	9/20/2012 4:15:50	13.86	50.76	33.28	8.28	8.17	4.7	3.333	98.4
2080	9/20/2012 4:30:50	14.44	50.68	33.25	7.27	8.11	7.3	3.317	87.5
2081	9/20/2012 4:45:50	14.37	50.90	33.41	7.35	8.10	9.5	3.280	88.3
2082	9/20/2012 5:00:50	14.14	50.80	33.32	7.87	8.14	7.6	3.205	94.1
2083	9/20/2012 5:15:50	14.24	50.71	33.26	7.93	8.14	9.2	3.124	95.0
2084	9/20/2012 5:30:50	13.94	50.68	33.23	8.19	8.16	7.3	3.048	97.5
2085	9/20/2012 5:45:50	14.06	50.75	33.28	8.11	8.16	6.9	2.955	96.8
2086	9/20/2012 6:00:50	14.47	50.61	33.20	7.86	8.14	7.2	2.862	94.5
2087	9/20/2012 6:15:50	14.71	50.86	33.38	7.59	8.13	6.7	2.767	91.8
2088	9/20/2012 6:30:50	14.79	50.77	33.32	7.45	8.12	6.7	2.694	90.3
2089	9/20/2012 6:45:50	14.79	50.77	33.32	7.36	8.11	6.5	2.609	89.1
2090	9/20/2012 7:00:50	14.74	50.69	33.26	7.34	8.11	7.7	2.515	88.8
2091	9/20/2012 7:15:50	14.49	50.67	33.24	7.46	8.11	7.2	2.458	89.8
2092	9/20/2012 7:30:50	14.57	50.89	33.41	7.42	8.11	6.5	2.375	89.5
2093	9/20/2012 7:45:50	14.55	50.88	33.39	7.40	8.10	6.4	2.291	89.3
2094	9/20/2012 8:00:50	14.39	50.68	33.24	7.50	8.11	6.0	2.235	90.1
2095	9/20/2012 8:15:50	14.53	50.93	33.43	7.47	8.11	5.4	2.174	90.1
2096	9/20/2012 8:30:51	14.48	50.87	33.39	7.44	8.11	5.1	2.119	89.6
2097	9/20/2012 8:45:50	14.53	50.65	33.23	7.48	8.11	5.0	2.086	90.1
2098	9/20/2012 9:00:50	14.66	50.86	33.38	7.51	8.11	4.2	2.073	90.8
2099	9/20/2012 9:15:50	14.67	50.89	33.41	7.45	8.11	4.5	2.070	90.1
2100	9/20/2012 9:30:50	14.66	50.88	33.40	7.54	8.11	4.7	2.091	91.1
2101	9/20/2012 9:45:50	14.83	50.91	33.43	7.62	8.12	4.8	2.125	92.4
2102	9/20/2012 10:00:50	14.94	50.93	33.44	7.70	8.11	4.6	2.178	93.6
2103	9/20/2012 10:15:50	14.97	50.93	33.44	7.71	8.11	5.7	2.248	93.8
2104	9/20/2012 10:30:50	15.01	50.94	33.45	7.72	8.11	6.2	2.320	94.0
2105	9/20/2012 10:45:50	14.98	50.93	33.44	7.72	8.10	6.9	2.405	93.9
2106	9/20/2012 11:00:50	14.82	50.91	33.43	7.70	8.10	6.3	2.489	93.4
2107	9/20/2012 11:15:50	14.72	50.83	33.37	7.68	8.09	6.2	2.567	92.9
2108	9/20/2012 11:30:50	14.68	50.56	33.16	7.74	8.09	5.9	2.646	93.5
2109	9/20/2012 11:45:50	14.58	50.90	33.41	7.83	8.10	5.9	2.730	94.5
2110	9/20/2012 12:00:51	14.48	50.81	33.34	7.94	8.10	6.6	2.805	95.6
2111	9/20/2012 12:15:50	14.33	50.72	33.27	8.09	8.11	6.4	2.892	97.1
2112	9/20/2012 12:30:50	14.13	50.73	33.27	8.21	8.12	7.0	2.974	98.1
2113	9/20/2012 12:45:50	13.97	50.64	33.20	8.28	8.12	6.8	3.064	98.6
2114	9/20/2012 13:00:50	13.80	50.60	33.17	8.35	8.13	8.4	3.154	99.1
2115	9/20/2012 13:15:50	13.72	50.64	33.19	8.43	8.13	9.1	3.246	99.8
2116	9/20/2012 13:30:50	13.39	50.57	33.13	8.56	8.14	9.4	3.336	100.6
2117	9/20/2012 13:45:50	13.21	50.57	33.12	8.67	8.14	9.0	3.429	101.6
2118	9/20/2012 14:00:50	12.95	50.51	33.07	8.81	8.15	8.2	3.517	102.6
2119	9/20/2012 14:15:50	12.70	50.54	33.08	8.91	8.16	8.6	3.603	103.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
2120	9/20/2012 14:30:50	12.52	50.53	33.06	8.99	8.16	7.1	3.678	103.8
	Mean	15.66	51.39	33.79	8.29	8.11	6.52	2.62	102.44
	Minimum	11.94	50.42	33.04	6.65	7.89	2.20	1.19	81.30
	Maximum	19.05	51.86	34.17	10.22	8.30	89.50	3.93	132.70

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
0	9/20/2012 15:01:33	12.30	49.95	32.63	8.59	7.96	4.4	3.698	98.4
1	9/20/2012 15:16:33	12.25	49.95	32.63	8.61	7.97	3.8	3.751	98.6
2	9/20/2012 15:31:33	12.24	50.01	32.68	8.53	7.97	2.9	3.772	97.6
3	9/20/2012 15:46:33	12.59	50.03	32.70	8.41	7.97	3.6	3.768	97.0
4	9/20/2012 16:01:33	12.44	49.96	32.65	8.44	7.97	4.1	3.849	97.0
5	9/20/2012 16:16:33	12.72	49.98	32.67	8.44	7.97	5.1	3.803	97.6
6	9/20/2012 16:31:33	12.70	49.99	32.68	8.51	7.98	5.7	3.733	98.4
7	9/20/2012 16:46:33	12.93	50.02	32.71	8.60	7.99	6.4	3.650	100.0
8	9/20/2012 17:01:33	12.81	49.98	32.68	8.78	8.00	6.0	3.554	101.8
9	9/20/2012 17:16:33	13.30	50.05	32.75	8.61	8.00	7.2	3.441	100.9
10	9/20/2012 17:31:33	13.30	50.07	32.76	8.52	7.99	7.5	3.328	99.7
11	9/20/2012 17:46:33	13.41	50.07	32.76	8.50	8.00	7.5	3.213	99.8
12	9/20/2012 18:01:33	13.65	50.11	32.81	8.46	8.00	7.5	3.093	99.8
13	9/20/2012 18:16:33	14.00	50.15	32.85	8.38	8.00	7.8	2.980	99.7
14	9/20/2012 18:31:33	14.30	50.20	32.89	8.29	8.00	7.6	2.859	99.1
15	9/20/2012 18:46:33	14.37	50.21	32.90	8.30	8.00	7.6	2.736	99.5
16	9/20/2012 19:01:33	14.27	50.20	32.89	8.23	8.00	7.6	2.614	98.4
17	9/20/2012 19:16:33	13.83	50.11	32.81	8.23	7.99	6.7	2.489	97.5
18	9/20/2012 19:31:33	13.76	50.12	32.81	8.15	7.98	7.6	2.354	96.3
19	9/20/2012 19:46:33	13.73	50.12	32.81	8.00	7.97	7.4	2.213	94.6
20	9/20/2012 20:01:33	13.97	50.16	32.85	7.88	7.96	8.2	2.086	93.6
21	9/20/2012 20:16:33	14.14	50.20	32.88	7.69	7.96	8.6	1.953	91.7
22	9/20/2012 20:31:33	14.05	50.19	32.88	7.56	7.94	8.6	1.814	90.0
23	9/20/2012 20:46:33	14.33	50.24	32.92	7.54	7.95	8.2	1.679	90.3
24	9/20/2012 21:01:33	14.39	50.26	32.93	7.53	7.95	7.8	1.579	90.3
25	9/20/2012 21:16:33	14.51	50.28	32.95	7.51	7.95	7.9	1.478	90.3
26	9/20/2012 21:31:33	14.66	50.30	32.98	7.54	7.96	7.3	1.376	90.9
27	9/20/2012 21:46:33	14.67	50.31	32.98	7.49	7.95	6.9	1.328	90.3
28	9/20/2012 22:01:33	14.69	50.34	33.00	7.44	7.95	6.1	1.320	89.8
29	9/20/2012 22:16:33	14.71	50.40	33.05	7.55	7.96	5.6	1.307	91.2
30	9/20/2012 22:31:33	14.61	50.31	32.98	7.43	7.95	5.5	1.327	89.5
31	9/20/2012 22:46:33	14.69	50.32	32.99	7.51	7.96	5.2	1.379	90.6
32	9/20/2012 23:01:33	14.92	50.37	33.03	7.63	7.97	5.3	1.466	92.6
33	9/20/2012 23:16:33	14.89	50.37	33.03	7.64	7.97	5.4	1.521	92.6
34	9/20/2012 23:31:33	14.97	50.39	33.05	7.71	7.98	5.3	1.596	93.6
35	9/20/2012 23:46:33	15.05	50.33	33.00	7.68	7.97	6.9	1.689	93.4
36	9/21/2012 0:01:33	15.06	50.27	32.96	7.55	7.95	7.9	1.771	91.8
37	9/21/2012 0:16:33	14.91	50.31	32.99	7.70	7.97	6.4	1.850	93.2
38	9/21/2012 0:31:33	14.78	50.28	32.96	7.64	7.96	6.0	1.917	92.3
39	9/21/2012 0:46:33	14.75	50.28	32.96	7.68	7.96	6.0	2.017	92.7
40	9/21/2012 1:01:33	14.71	50.29	32.97	7.71	7.96	5.9	2.113	93.0
41	9/21/2012 1:16:33	14.78	50.31	32.98	7.70	7.97	5.7	2.182	93.1
42	9/21/2012 1:31:33	14.82	50.32	32.99	7.70	7.97	5.7	2.277	93.2
43	9/21/2012 1:46:33	14.78	50.31	32.99	7.67	7.96	5.6	2.365	92.7
44	9/21/2012 2:01:33	14.76	50.31	32.99	7.62	7.96	6.0	2.455	92.0
45	9/21/2012 2:16:33	14.75	50.31	32.99	7.58	7.96	6.1	2.535	91.5
46	9/21/2012 2:31:33	14.71	50.30	32.98	7.58	7.96	5.9	2.613	91.5
47	9/21/2012 2:46:33	14.60	50.27	32.95	7.63	7.96	5.9	2.699	91.9
48	9/21/2012 3:01:33	14.49	50.25	32.93	7.66	7.96	6.2	2.764	92.1
49	9/21/2012 3:16:33	14.33	50.21	32.90	7.74	7.96	7.1	2.842	92.6
50	9/21/2012 3:31:33	14.23	50.16	32.86	7.77	7.96	7.0	2.907	92.9
51	9/21/2012 3:46:33	14.02	50.15	32.85	7.85	7.96	6.1	2.962	93.3
52	9/21/2012 4:01:33	13.88	50.13	32.83	7.89	7.96	6.0	3.030	93.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
53	9/21/2012 4:16:33	13.56	50.09	32.79	8.01	7.96	6.1	3.074	94.3
54	9/21/2012 4:31:33	13.43	50.09	32.78	8.01	7.97	5.1	3.117	94.1
55	9/21/2012 4:46:33	13.33	50.07	32.76	7.95	7.97	3.9	3.153	93.2
56	9/21/2012 5:01:33	14.39	50.21	32.90	7.16	7.92	5.6	3.172	85.8
57	9/21/2012 5:16:33	13.93	50.22	32.89	7.52	7.94	5.0	3.187	89.4
58	9/21/2012 5:31:33	13.83	50.14	32.83	7.64	7.95	4.9	3.167	90.5
59	9/21/2012 5:46:33	14.07	50.32	32.97	6.58	7.85	8.8	3.131	78.4
60	9/21/2012 6:01:33	13.89	50.32	32.96	6.59	7.85	8.6	3.081	78.3
61	9/21/2012 6:16:33	13.98	50.27	32.93	6.96	7.89	8.0	3.037	82.7
62	9/21/2012 6:31:33	14.21	50.29	32.96	7.02	7.90	7.8	2.956	83.9
63	9/21/2012 6:46:33	14.17	50.25	32.92	7.25	7.92	7.0	2.874	86.6
64	9/21/2012 7:01:33	14.19	50.25	32.92	7.24	7.92	6.5	2.804	86.5
65	9/21/2012 7:16:33	14.26	50.29	32.95	7.11	7.91	7.8	2.731	85.0
66	9/21/2012 7:31:33	14.22	50.28	32.94	7.05	7.91	6.5	2.653	84.2
67	9/21/2012 7:46:33	14.21	50.30	32.96	7.01	7.91	6.1	2.591	83.7
68	9/21/2012 8:01:33	14.22	50.30	32.96	6.99	7.91	5.4	2.519	83.6
69	9/21/2012 8:16:33	14.14	50.28	32.94	7.06	7.91	5.9	2.458	84.2
70	9/21/2012 8:31:33	14.15	50.29	32.95	7.06	7.91	5.3	2.402	84.2
71	9/21/2012 8:46:33	14.13	50.28	32.94	7.13	7.91	5.4	2.329	85.0
72	9/21/2012 9:01:33	14.06	50.27	32.93	7.19	7.92	4.8	2.292	85.6
73	9/21/2012 9:16:33	14.32	50.31	32.97	7.20	7.92	5.0	2.252	86.2
74	9/21/2012 9:31:33	14.29	50.31	32.97	7.25	7.93	4.8	2.204	86.8
75	9/21/2012 9:46:33	14.31	50.30	32.96	7.28	7.93	4.3	2.193	87.2
76	9/21/2012 10:01:33	14.39	50.30	32.97	7.19	7.93	3.9	2.191	86.2
77	9/21/2012 10:16:33	14.38	50.31	32.97	7.23	7.92	4.3	2.196	86.7
78	9/21/2012 10:31:33	14.51	50.32	32.99	7.22	7.93	4.2	2.214	86.8
79	9/21/2012 10:46:33	14.55	50.31	32.98	7.22	7.93	4.2	2.244	86.9
80	9/21/2012 11:01:33	14.66	50.32	32.99	7.27	7.93	4.5	2.295	87.7
81	9/21/2012 11:16:33	14.70	50.33	32.99	7.29	7.93	4.4	2.356	88.0
82	9/21/2012 11:31:33	14.65	50.31	32.98	7.29	7.93	5.2	2.417	87.8
83	9/21/2012 11:46:33	14.61	50.29	32.97	7.31	7.93	5.0	2.479	88.0
84	9/21/2012 12:01:33	14.50	50.28	32.95	7.28	7.92	5.2	2.559	87.4
85	9/21/2012 12:16:33	14.41	50.25	32.93	7.29	7.92	5.3	2.621	87.4
86	9/21/2012 12:31:33	14.34	50.24	32.92	7.34	7.93	5.3	2.692	87.9
87	9/21/2012 12:46:33	14.23	50.22	32.90	7.39	7.93	6.4	2.775	88.3
88	9/21/2012 13:01:33	13.97	50.17	32.86	7.61	7.94	5.7	2.839	90.4
89	9/21/2012 13:16:33	13.92	50.16	32.85	7.70	7.94	5.7	2.921	91.4
90	9/21/2012 13:31:33	13.75	50.12	32.82	7.85	7.95	5.8	2.997	92.8
91	9/21/2012 13:46:33	13.62	50.10	32.80	7.94	7.96	6.5	3.069	93.7
92	9/21/2012 14:01:33	13.49	50.08	32.77	8.02	7.96	6.4	3.151	94.3
93	9/21/2012 14:16:33	13.33	50.05	32.75	8.10	7.97	6.7	3.229	94.9
94	9/21/2012 14:31:33	13.19	50.03	32.73	8.19	7.97	6.8	3.307	95.7
95	9/21/2012 14:46:33	12.94	50.00	32.70	8.30	7.97	7.0	3.389	96.4
96	9/21/2012 15:01:33	12.82	49.98	32.67	8.38	7.98	6.4	3.463	97.1
97	9/21/2012 15:16:33	12.65	49.95	32.65	8.46	7.98	5.6	3.533	97.7
98	9/21/2012 15:31:33	12.54	49.94	32.63	8.49	7.99	5.0	3.594	97.8
99	9/21/2012 15:46:33	12.44	49.93	32.62	8.50	7.99	3.7	3.640	97.7
100	9/21/2012 16:01:33	12.39	49.93	32.62	8.50	7.99	3.2	3.686	97.6
101	9/21/2012 16:16:33	12.36	49.92	32.61	8.50	7.99	2.7	3.713	97.5
102	9/21/2012 16:31:33	12.57	49.94	32.64	8.41	7.98	3.4	3.717	96.9
103	9/21/2012 16:46:33	12.36	49.92	32.61	8.45	7.98	3.6	3.713	97.0
104	9/21/2012 17:01:33	12.37	49.92	32.62	8.49	7.98	4.3	3.693	97.5
105	9/21/2012 17:16:33	12.65	49.92	32.63	8.42	7.99	5.4	3.635	97.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
106	9/21/2012 17:31:33	12.89	49.96	32.67	8.46	7.99	7.9	3.559	98.2
107	9/21/2012 17:46:33	13.23	49.99	32.70	8.65	8.01	7.6	3.489	101.1
108	9/21/2012 18:01:33	13.16	49.98	32.69	8.73	8.02	8.1	3.398	101.9
109	9/21/2012 18:16:33	13.51	50.02	32.73	8.59	8.01	8.3	3.306	101.0
110	9/21/2012 18:31:33	13.67	50.04	32.75	8.52	8.01	8.5	3.191	100.6
111	9/21/2012 18:46:33	14.02	50.08	32.79	8.57	8.02	9.0	3.083	101.9
112	9/21/2012 19:01:33	14.39	50.13	32.84	8.65	8.03	9.3	2.986	103.7
113	9/21/2012 19:16:33	14.73	50.16	32.87	8.66	8.04	10.0	2.878	104.5
114	9/21/2012 19:31:33	14.70	50.17	32.88	8.52	8.03	10.3	2.769	102.7
115	9/21/2012 19:46:33	14.81	50.19	32.90	8.57	8.03	10.6	2.656	103.5
116	9/21/2012 20:01:33	14.56	50.17	32.88	8.38	8.02	11.2	2.538	100.8
117	9/21/2012 20:16:33	14.32	50.13	32.84	8.20	8.00	10.1	2.424	98.1
118	9/21/2012 20:31:33	13.84	50.11	32.81	7.97	7.97	10.5	2.286	94.5
119	9/21/2012 20:46:33	13.86	50.12	32.82	7.97	7.96	9.5	2.171	94.4
120	9/21/2012 21:01:33	13.89	50.15	32.84	7.83	7.96	10.1	2.052	92.9
121	9/21/2012 21:16:33	14.03	50.17	32.86	7.71	7.95	10.4	1.914	91.7
122	9/21/2012 21:31:33	14.16	50.21	32.89	7.70	7.94	10.1	1.794	91.9
123	9/21/2012 21:46:33	14.57	50.25	32.94	7.78	7.96	10.4	1.679	93.7
124	9/21/2012 22:01:33	14.83	50.29	32.97	7.91	7.98	9.8	1.587	95.6
125	9/21/2012 22:16:33	14.68	50.28	32.96	7.80	7.96	8.2	1.483	94.1
126	9/21/2012 22:31:33	14.84	50.30	32.98	7.88	7.98	7.9	1.414	95.3
127	9/21/2012 22:46:33	14.96	50.33	33.00	7.94	7.99	6.9	1.379	96.3
128	9/21/2012 23:01:33	15.01	50.34	33.01	7.96	8.00	6.9	1.355	96.6
129	9/21/2012 23:16:33	14.81	50.31	32.99	7.70	7.97	5.7	1.346	93.1
130	9/21/2012 23:31:33	15.18	50.36	33.03	8.13	8.02	6.1	1.369	99.1
131	9/21/2012 23:46:33	15.22	50.38	33.04	8.29	8.03	6.1	1.426	101.1
132	9/22/2012 0:01:33	15.29	50.37	33.04	8.25	8.03	6.3	1.463	100.8
133	9/22/2012 0:16:33	15.49	50.40	33.07	8.58	8.06	6.6	1.524	105.2
134	9/22/2012 0:31:33	15.42	50.39	33.06	8.55	8.06	6.7	1.613	104.8
135	9/22/2012 0:46:33	15.51	50.23	32.94	8.16	8.01	9.1	1.679	100.0
136	9/22/2012 1:01:33	15.55	50.20	32.92	8.06	8.01	9.8	1.740	98.9
137	9/22/2012 1:16:33	15.52	50.24	32.95	8.16	8.01	8.6	1.817	100.1
138	9/22/2012 1:31:33	15.33	50.25	32.95	8.13	8.01	8.3	1.898	99.3
139	9/22/2012 1:46:33	15.21	50.25	32.95	8.10	8.01	7.7	1.967	98.8
140	9/22/2012 2:01:33	15.17	50.26	32.95	8.10	8.00	7.3	2.045	98.6
141	9/22/2012 2:16:33	15.18	50.27	32.96	8.15	8.01	7.1	2.125	99.3
142	9/22/2012 2:31:33	15.11	50.27	32.96	8.17	8.01	7.2	2.209	99.4
143	9/22/2012 2:46:33	15.06	50.27	32.96	8.11	8.00	6.8	2.288	98.6
144	9/22/2012 3:01:33	15.02	50.28	32.96	8.00	7.99	6.5	2.359	97.1
145	9/22/2012 3:16:33	14.98	50.28	32.97	7.94	7.98	6.4	2.445	96.3
146	9/22/2012 3:31:33	14.94	50.29	32.97	7.90	7.98	6.8	2.523	95.8
147	9/22/2012 3:46:33	14.88	50.27	32.96	7.89	7.98	6.5	2.595	95.5
148	9/22/2012 4:01:33	14.80	50.26	32.95	7.88	7.97	6.6	2.664	95.3
149	9/22/2012 4:16:33	14.66	50.22	32.91	7.91	7.97	6.3	2.728	95.3
150	9/22/2012 4:31:33	14.52	50.20	32.90	7.95	7.97	6.1	2.794	95.6
151	9/22/2012 4:46:33	14.44	50.18	32.88	7.96	7.97	6.4	2.854	95.5
152	9/22/2012 5:01:33	14.19	50.12	32.83	8.00	7.97	6.8	2.905	95.5
153	9/22/2012 5:16:33	13.96	50.11	32.81	8.09	7.98	6.4	2.957	96.1
154	9/22/2012 5:31:33	13.78	50.08	32.79	8.09	7.98	5.0	3.000	95.7
155	9/22/2012 5:46:33	13.58	50.05	32.76	8.12	7.97	4.9	3.041	95.6
156	9/22/2012 6:01:33	13.72	49.96	32.70	7.97	7.97	6.4	3.064	94.2
157	9/22/2012 6:16:33	14.54	49.96	32.72	7.61	7.96	5.0	3.089	91.4
158	9/22/2012 6:31:33	14.01	50.15	32.84	7.80	7.96	5.4	3.091	92.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
159	9/22/2012 6:46:33	13.90	50.10	32.80	7.81	7.96	5.4	3.070	92.6
160	9/22/2012 7:01:33	13.97	50.14	32.83	7.72	7.95	5.7	3.038	91.8
161	9/22/2012 7:16:33	14.15	50.18	32.87	7.49	7.94	7.6	2.997	89.3
162	9/22/2012 7:31:33	14.15	50.15	32.85	7.62	7.94	6.6	2.941	90.9
163	9/22/2012 7:46:33	14.28	50.20	32.89	7.48	7.93	5.9	2.881	89.4
164	9/22/2012 8:01:33	14.43	50.29	32.96	7.14	7.91	7.0	2.812	85.6
165	9/22/2012 8:16:33	14.51	50.29	32.96	7.19	7.92	6.4	2.743	86.4
166	9/22/2012 8:31:33	14.48	50.27	32.95	7.30	7.93	5.7	2.682	87.7
167	9/22/2012 8:46:33	14.48	50.29	32.96	7.24	7.92	5.9	2.612	86.9
168	9/22/2012 9:01:33	14.50	50.30	32.97	7.23	7.92	5.6	2.556	86.9
169	9/22/2012 9:16:33	14.55	50.31	32.98	7.19	7.92	5.7	2.505	86.5
170	9/22/2012 9:31:33	14.60	50.31	32.98	7.31	7.93	5.5	2.455	88.0
171	9/22/2012 9:46:33	14.61	50.30	32.98	7.27	7.93	5.3	2.406	87.6
172	9/22/2012 10:01:33	14.59	50.28	32.96	7.29	7.93	5.1	2.356	87.8
173	9/22/2012 10:16:33	14.62	50.30	32.97	7.33	7.93	5.1	2.329	88.3
174	9/22/2012 10:31:33	14.67	50.29	32.97	7.39	7.94	4.8	2.310	89.2
175	9/22/2012 10:46:33	14.71	50.30	32.97	7.33	7.93	4.7	2.270	88.4
176	9/22/2012 11:01:33	14.74	50.29	32.97	7.19	7.94	4.7	2.266	86.8
177	9/22/2012 11:16:33	14.67	50.28	32.96	7.33	7.93	4.6	2.283	88.3
178	9/22/2012 11:31:33	14.77	50.31	32.98	7.46	7.94	4.5	2.292	90.1
179	9/22/2012 11:46:33	14.80	50.31	32.98	7.48	7.95	4.3	2.304	90.4
180	9/22/2012 12:01:33	14.84	50.30	32.98	7.54	7.95	4.4	2.355	91.2
181	9/22/2012 12:16:33	14.80	50.27	32.96	7.62	7.96	5.2	2.398	92.1
182	9/22/2012 12:31:33	14.78	50.27	32.95	7.58	7.96	4.9	2.436	91.6
183	9/22/2012 12:46:33	14.74	50.26	32.95	7.61	7.95	5.1	2.495	91.9
184	9/22/2012 13:01:33	14.69	50.23	32.92	7.58	7.95	5.4	2.557	91.4
185	9/22/2012 13:16:33	14.62	50.23	32.92	7.53	7.94	5.6	2.611	90.7
186	9/22/2012 13:31:33	14.56	50.22	32.91	7.55	7.94	5.0	2.669	90.8
187	9/22/2012 13:46:33	14.49	50.20	32.90	7.57	7.94	6.1	2.736	91.0
188	9/22/2012 14:01:33	14.22	50.15	32.85	7.66	7.94	8.3	2.806	91.5
189	9/22/2012 14:16:33	13.99	50.11	32.81	7.82	7.95	6.4	2.872	92.9
190	9/22/2012 14:31:33	13.88	50.08	32.79	7.96	7.96	5.6	2.931	94.4
191	9/22/2012 14:46:33	13.84	50.07	32.78	8.01	7.97	5.3	3.004	94.9
192	9/22/2012 15:01:33	13.77	50.06	32.77	8.06	7.97	5.2	3.072	95.3
193	9/22/2012 15:16:33	13.66	50.05	32.76	8.13	7.97	5.0	3.136	95.9
194	9/22/2012 15:31:33	13.50	50.03	32.74	8.19	7.98	6.0	3.207	96.4
195	9/22/2012 15:46:33	13.37	50.02	32.72	8.25	7.98	4.8	3.275	96.8
196	9/22/2012 16:01:33	13.25	49.99	32.70	8.29	7.98	4.9	3.341	96.9
197	9/22/2012 16:16:33	13.08	49.99	32.69	8.33	7.98	4.6	3.403	97.1
198	9/22/2012 16:31:33	12.91	49.98	32.68	8.33	7.98	4.5	3.449	96.7
199	9/22/2012 16:46:33	12.81	49.97	32.67	8.32	7.98	3.4	3.502	96.4
200	9/22/2012 17:01:33	12.73	49.97	32.67	8.35	7.98	3.4	3.542	96.6
201	9/22/2012 17:16:33	12.73	49.97	32.67	8.30	7.98	2.8	3.564	96.0
202	9/22/2012 17:31:33	13.20	49.94	32.66	8.26	7.99	3.0	3.579	96.5
203	9/22/2012 17:46:33	12.79	49.97	32.67	8.23	7.97	2.8	3.571	95.3
204	9/22/2012 18:01:33	12.76	49.96	32.66	8.12	7.97	2.6	3.542	94.0
205	9/22/2012 18:16:33	13.09	49.98	32.68	8.13	7.98	3.6	3.500	94.7
206	9/22/2012 18:31:33	13.31	50.01	32.72	8.16	7.98	4.6	3.445	95.5
207	9/22/2012 18:46:33	13.66	50.02	32.73	8.36	8.00	5.6	3.371	98.7
208	9/22/2012 19:01:33	13.55	50.02	32.73	8.33	8.00	5.9	3.285	98.1
209	9/22/2012 19:16:33	14.11	50.07	32.79	8.47	8.01	6.3	3.209	100.9
210	9/22/2012 19:31:33	13.94	50.06	32.78	8.42	8.01	6.2	3.128	99.9
211	9/22/2012 19:46:33	14.10	50.09	32.80	8.42	8.00	6.6	3.022	100.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
212	9/22/2012 20:01:33	14.35	50.11	32.83	8.50	8.01	6.8	2.929	101.7
213	9/22/2012 20:16:33	14.63	50.13	32.85	8.55	8.02	6.2	2.844	103.0
214	9/22/2012 20:31:33	14.91	50.17	32.88	8.57	8.03	6.6	2.742	103.8
215	9/22/2012 20:46:33	14.99	50.21	32.91	8.54	8.03	6.5	2.639	103.6
216	9/22/2012 21:01:33	14.97	50.19	32.90	8.48	8.03	6.7	2.538	102.8
217	9/22/2012 21:16:33	14.65	50.18	32.89	8.33	8.01	7.0	2.425	100.3
218	9/22/2012 21:31:33	14.37	50.13	32.84	7.89	7.98	7.4	2.312	94.5
219	9/22/2012 21:46:33	14.00	50.11	32.81	7.64	7.95	8.3	2.202	90.8
220	9/22/2012 22:01:33	14.19	50.12	32.83	7.76	7.97	6.9	2.083	92.6
221	9/22/2012 22:16:33	14.50	50.17	32.87	7.89	7.98	7.6	1.961	94.8
222	9/22/2012 22:31:33	14.56	50.20	32.89	7.76	7.97	7.0	1.846	93.4
223	9/22/2012 22:46:33	14.68	50.22	32.91	7.69	7.97	6.7	1.736	92.7
224	9/22/2012 23:01:33	14.74	50.24	32.93	7.75	7.97	6.8	1.635	93.6
225	9/22/2012 23:16:33	14.98	50.27	32.96	7.95	7.99	5.9	1.560	96.5
226	9/22/2012 23:31:33	15.05	50.28	32.97	7.88	7.99	5.6	1.487	95.7
227	9/22/2012 23:46:33	15.17	50.30	32.98	8.07	8.00	5.3	1.421	98.3
228	9/23/2012 0:01:33	15.17	50.30	32.99	8.05	8.00	4.9	1.383	98.1
229	9/23/2012 0:16:33	15.19	50.30	32.99	8.04	8.01	4.6	1.370	97.9
230	9/23/2012 0:31:33	15.09	50.30	32.98	7.94	8.00	4.7	1.379	96.5
231	9/23/2012 0:46:33	15.29	50.31	32.99	8.24	8.03	4.1	1.388	100.6
232	9/23/2012 1:01:33	15.40	50.33	33.01	8.39	8.04	4.2	1.429	102.6
233	9/23/2012 1:16:33	15.55	50.35	33.03	8.70	8.07	4.2	1.482	106.8
234	9/23/2012 1:31:33	15.60	50.37	33.04	8.87	8.08	4.2	1.548	109.0
235	9/23/2012 1:46:33	15.54	50.36	33.04	8.81	8.07	4.3	1.599	108.2
236	9/23/2012 2:01:33	15.66	50.21	32.93	8.51	8.05	6.5	1.668	104.6
237	9/23/2012 2:16:32	15.72	50.13	32.87	8.34	8.03	7.5	1.753	102.7
238	9/23/2012 2:31:33	15.70	50.13	32.87	8.30	8.03	7.4	1.807	102.1
239	9/23/2012 2:46:33	15.54	50.22	32.93	8.37	8.03	6.2	1.886	102.6
240	9/23/2012 3:01:33	15.41	50.22	32.93	8.31	8.03	5.6	1.967	101.6
241	9/23/2012 3:16:33	15.34	50.22	32.93	8.28	8.02	5.4	2.038	101.1
242	9/23/2012 3:31:33	15.32	50.22	32.93	8.31	8.03	5.0	2.130	101.5
243	9/23/2012 3:46:33	15.19	50.22	32.93	8.23	8.02	5.1	2.189	100.2
244	9/23/2012 4:01:33	15.06	50.21	32.92	8.05	8.00	5.2	2.273	97.8
245	9/23/2012 4:16:33	15.01	50.22	32.93	7.96	7.99	5.3	2.351	96.7
246	9/23/2012 4:31:33	14.97	50.24	32.93	7.88	7.98	5.1	2.422	95.6
247	9/23/2012 4:46:33	14.91	50.23	32.93	7.83	7.98	5.3	2.505	94.8
248	9/23/2012 5:01:33	14.78	50.22	32.92	7.81	7.97	5.2	2.570	94.3
249	9/23/2012 5:16:33	14.67	50.18	32.88	7.80	7.97	5.1	2.645	94.0
250	9/23/2012 5:31:33	14.56	50.15	32.86	7.81	7.97	5.0	2.716	93.9
251	9/23/2012 5:46:33	14.50	50.15	32.86	7.82	7.97	5.4	2.774	93.9
252	9/23/2012 6:01:33	14.44	50.14	32.85	7.78	7.97	5.0	2.827	93.3
253	9/23/2012 6:16:33	14.22	50.09	32.81	7.82	7.97	5.6	2.892	93.3
254	9/23/2012 6:31:33	13.97	50.06	32.78	7.84	7.96	5.3	2.943	93.1
255	9/23/2012 6:46:33	13.83	50.07	32.78	7.84	7.96	4.4	2.978	92.8
256	9/23/2012 7:01:33	13.81	50.06	32.77	7.78	7.96	4.1	3.024	92.1
257	9/23/2012 7:16:33	13.55	50.05	32.76	7.84	7.96	3.7	3.060	92.3
258	9/23/2012 7:31:33	13.74	49.89	32.65	7.63	7.95	3.5	3.076	90.1
259	9/23/2012 7:46:33	13.98	50.13	32.83	7.66	7.95	5.0	3.078	91.0
260	9/23/2012 8:01:33	13.67	50.06	32.77	7.72	7.95	4.2	3.073	91.2
261	9/23/2012 8:16:33	13.84	50.09	32.79	7.67	7.95	5.0	3.040	90.8
262	9/23/2012 8:31:33	13.96	50.13	32.83	7.44	7.93	6.2	3.009	88.4
263	9/23/2012 8:46:33	14.22	50.21	32.90	6.94	7.90	8.9	2.945	82.9
264	9/23/2012 9:01:33	14.32	50.23	32.91	7.17	7.91	6.5	2.891	85.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
265	9/23/2012 9:16:33	14.46	50.23	32.92	7.32	7.93	5.7	2.836	87.9
266	9/23/2012 9:31:33	14.54	50.21	32.90	7.57	7.95	5.1	2.769	91.0
267	9/23/2012 9:46:33	14.64	50.21	32.91	7.68	7.96	4.9	2.707	92.5
268	9/23/2012 10:01:33	14.75	50.22	32.92	7.69	7.97	5.0	2.655	92.9
269	9/23/2012 10:16:33	14.82	50.19	32.90	7.77	7.97	4.8	2.598	94.0
270	9/23/2012 10:31:33	14.88	50.23	32.92	7.62	7.96	4.5	2.546	92.2
271	9/23/2012 10:46:33	14.93	50.26	32.95	7.64	7.96	4.6	2.502	92.7
272	9/23/2012 11:01:33	14.99	50.26	32.95	7.70	7.97	4.5	2.452	93.5
273	9/23/2012 11:16:33	15.02	50.27	32.96	7.60	7.96	4.7	2.418	92.2
274	9/23/2012 11:31:33	15.05	50.27	32.96	7.63	7.97	4.4	2.383	92.7
275	9/23/2012 11:46:33	15.07	50.27	32.96	7.55	7.97	4.6	2.354	91.7
276	9/23/2012 12:01:33	15.11	50.27	32.97	7.57	7.97	3.7	2.330	92.1
277	9/23/2012 12:16:33	15.19	50.24	32.94	7.65	7.98	4.0	2.319	93.3
278	9/23/2012 12:31:33	15.15	50.21	32.92	7.73	7.97	4.0	2.318	94.0
279	9/23/2012 12:46:33	15.09	50.25	32.95	7.69	7.97	3.6	2.330	93.5
280	9/23/2012 13:01:33	15.06	50.23	32.93	7.71	7.97	4.1	2.343	93.7
281	9/23/2012 13:16:33	15.08	50.23	32.93	7.72	7.97	4.2	2.362	93.8
282	9/23/2012 13:31:33	15.11	50.23	32.94	7.78	7.98	4.5	2.411	94.6
283	9/23/2012 13:46:33	15.07	50.23	32.93	7.80	7.98	4.1	2.437	94.8
284	9/23/2012 14:01:33	15.02	50.22	32.93	7.76	7.97	4.0	2.489	94.2
285	9/23/2012 14:16:33	14.94	50.21	32.92	7.72	7.97	4.2	2.546	93.6
286	9/23/2012 14:31:33	14.88	50.19	32.90	7.69	7.96	4.5	2.599	93.1
287	9/23/2012 14:46:33	14.78	50.17	32.88	7.65	7.96	4.5	2.661	92.4
288	9/23/2012 15:01:33	14.71	50.16	32.87	7.64	7.96	4.6	2.710	92.1
289	9/23/2012 15:16:33	14.62	50.14	32.86	7.61	7.95	5.0	2.778	91.6
290	9/23/2012 15:31:33	14.43	50.11	32.82	7.59	7.95	6.2	2.846	91.1
291	9/23/2012 15:46:33	14.26	50.09	32.81	7.66	7.95	5.4	2.891	91.5
292	9/23/2012 16:01:33	14.11	50.07	32.79	7.77	7.95	4.5	2.966	92.5
293	9/23/2012 16:16:33	14.05	50.06	32.78	7.80	7.95	4.2	3.033	92.8
294	9/23/2012 16:31:33	14.04	50.06	32.78	7.86	7.96	4.0	3.095	93.5
295	9/23/2012 16:46:33	14.00	50.05	32.77	7.92	7.96	4.1	3.162	94.2
296	9/23/2012 17:01:33	13.85	50.04	32.76	7.96	7.96	3.9	3.230	94.3
297	9/23/2012 17:16:33	13.72	50.01	32.74	7.96	7.96	4.0	3.295	94.0
298	9/23/2012 17:31:33	13.59	50.01	32.73	7.95	7.96	3.4	3.348	93.6
299	9/23/2012 17:46:33	13.40	50.01	32.72	7.95	7.96	3.6	3.401	93.3
300	9/23/2012 18:01:33	13.25	49.99	32.71	7.93	7.95	2.8	3.441	92.8
301	9/23/2012 18:16:33	13.15	50.02	32.72	7.93	7.95	2.9	3.483	92.6
302	9/23/2012 18:31:33	13.13	50.00	32.71	7.90	7.95	2.4	3.504	92.2
303	9/23/2012 18:46:33	13.41	49.96	32.69	7.87	7.95	2.9	3.514	92.3
304	9/23/2012 19:01:33	13.14	50.01	32.71	7.82	7.94	2.5	3.513	91.3
305	9/23/2012 19:16:33	13.16	50.00	32.71	7.89	7.95	2.7	3.480	92.1
306	9/23/2012 19:31:33	13.35	50.01	32.72	7.83	7.95	3.2	3.452	91.8
307	9/23/2012 19:46:33	13.44	50.00	32.72	7.82	7.95	4.2	3.393	91.8
308	9/23/2012 20:01:33	13.68	50.04	32.75	7.79	7.95	5.9	3.320	92.0
309	9/23/2012 20:16:33	13.85	50.06	32.77	7.78	7.96	6.1	3.250	92.2
310	9/23/2012 20:31:33	13.83	50.06	32.77	7.69	7.95	6.0	3.165	91.0
311	9/23/2012 20:46:33	14.09	50.07	32.79	7.80	7.96	5.6	3.076	92.9
312	9/23/2012 21:01:33	14.68	50.10	32.83	8.19	8.00	5.9	2.981	98.6
313	9/23/2012 21:16:33	14.75	50.10	32.83	8.33	8.02	5.7	2.885	100.6
314	9/23/2012 21:31:33	15.07	50.12	32.85	8.44	8.03	5.6	2.802	102.5
315	9/23/2012 21:46:33	15.26	50.14	32.87	8.37	8.03	5.6	2.706	102.1
316	9/23/2012 22:01:33	15.29	50.16	32.89	8.26	8.02	6.7	2.602	100.8
317	9/23/2012 22:16:33	14.90	50.13	32.86	7.96	7.99	6.3	2.496	96.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
318	9/23/2012 22:31:33	14.66	50.13	32.85	7.81	7.97	7.3	2.398	94.1
319	9/23/2012 22:46:33	14.33	50.11	32.83	7.49	7.95	7.3	2.299	89.6
320	9/23/2012 23:01:33	14.79	50.15	32.87	7.80	7.98	6.8	2.174	94.2
321	9/23/2012 23:16:33	14.82	50.15	32.87	7.79	7.98	6.9	2.070	94.2
322	9/23/2012 23:31:33	14.96	50.19	32.90	7.96	8.00	6.8	1.954	96.6
323	9/23/2012 23:46:33	15.03	50.19	32.90	7.76	7.99	6.5	1.855	94.2
324	9/24/2012 0:01:33	15.23	50.20	32.92	7.84	8.00	6.2	1.744	95.6
325	9/24/2012 0:16:33	15.35	50.24	32.95	7.99	8.01	5.8	1.650	97.6
326	9/24/2012 0:31:33	15.56	50.27	32.97	8.13	8.02	5.6	1.577	99.8
327	9/24/2012 0:46:33	15.53	50.28	32.98	8.14	8.03	5.5	1.494	99.9
328	9/24/2012 1:01:33	15.71	50.29	32.99	8.25	8.04	5.2	1.443	101.5
329	9/24/2012 1:16:33	15.99	50.32	33.02	8.69	8.09	4.7	1.432	107.7
330	9/24/2012 1:31:33	16.01	50.32	33.01	8.67	8.09	4.7	1.433	107.4
331	9/24/2012 1:46:33	15.88	50.33	33.02	8.44	8.07	4.5	1.408	104.3
332	9/24/2012 2:01:33	16.15	50.33	33.02	9.03	8.12	3.7	1.444	112.1
333	9/24/2012 2:16:33	15.98	50.32	33.01	8.82	8.10	3.7	1.490	109.2
334	9/24/2012 2:31:33	16.15	50.32	33.02	9.13	8.13	4.1	1.534	113.4
335	9/24/2012 2:46:33	16.17	50.32	33.02	9.25	8.13	4.3	1.587	115.0
336	9/24/2012 3:01:33	16.10	50.32	33.02	9.14	8.12	4.6	1.668	113.4
337	9/24/2012 3:16:33	16.37	50.15	32.90	8.54	8.08	7.5	1.730	106.5
338	9/24/2012 3:31:33	16.37	50.12	32.87	8.42	8.07	7.7	1.811	105.0
339	9/24/2012 3:46:33	16.26	50.14	32.89	8.47	8.07	6.8	1.866	105.4
340	9/24/2012 4:01:33	16.12	50.16	32.90	8.50	8.07	5.8	1.947	105.5
341	9/24/2012 4:16:33	16.01	50.20	32.93	8.48	8.06	5.6	2.039	105.0
342	9/24/2012 4:31:33	15.92	50.21	32.93	8.43	8.06	5.0	2.110	104.2
343	9/24/2012 4:46:33	15.80	50.20	32.93	8.36	8.05	5.3	2.191	103.1
344	9/24/2012 5:01:33	15.51	50.19	32.91	8.03	8.02	5.6	2.276	98.4
345	9/24/2012 5:16:33	15.39	50.20	32.92	7.88	8.00	5.6	2.362	96.4
346	9/24/2012 5:31:33	15.32	50.18	32.90	7.77	7.99	5.4	2.427	94.9
347	9/24/2012 5:46:33	15.19	50.17	32.89	7.69	7.98	5.4	2.528	93.6
348	9/24/2012 6:01:33	15.00	50.18	32.89	7.61	7.97	5.6	2.589	92.3
349	9/24/2012 6:16:33	14.84	50.12	32.84	7.60	7.97	5.8	2.669	91.9
350	9/24/2012 6:31:33	14.74	50.14	32.85	7.60	7.97	5.5	2.726	91.7
351	9/24/2012 6:46:33	14.64	50.13	32.85	7.58	7.96	5.5	2.795	91.3
352	9/24/2012 7:01:33	14.52	50.11	32.83	7.57	7.96	5.4	2.856	90.9
353	9/24/2012 7:16:33	14.42	50.11	32.82	7.53	7.95	5.7	2.947	90.3
354	9/24/2012 7:31:33	14.13	50.07	32.79	7.53	7.95	5.6	3.010	89.7
355	9/24/2012 7:46:33	13.89	50.06	32.78	7.55	7.95	5.4	3.045	89.6
356	9/24/2012 8:01:33	13.59	50.04	32.75	7.62	7.94	5.1	3.085	89.7
357	9/24/2012 8:16:33	13.52	50.06	32.76	7.58	7.94	4.0	3.136	89.2
358	9/24/2012 8:31:33	13.44	50.04	32.75	7.54	7.94	3.6	3.176	88.5
359	9/24/2012 8:46:33	14.22	50.02	32.76	7.40	7.95	4.5	3.171	88.3
360	9/24/2012 9:01:33	13.54	50.06	32.76	7.50	7.93	4.1	3.178	88.3
361	9/24/2012 9:16:33	13.61	50.04	32.75	7.52	7.94	4.7	3.174	88.6
362	9/24/2012 9:31:33	13.64	50.06	32.77	7.53	7.93	4.7	3.140	88.8
363	9/24/2012 9:46:33	13.97	50.08	32.79	7.36	7.93	5.3	3.081	87.5
364	9/24/2012 10:01:33	14.26	50.12	32.83	7.39	7.94	5.7	3.042	88.2
365	9/24/2012 10:16:33	14.46	50.14	32.85	7.41	7.94	5.4	2.972	88.9
366	9/24/2012 10:31:33	14.40	50.12	32.83	7.52	7.95	5.1	2.900	90.1
367	9/24/2012 10:46:33	14.51	50.12	32.84	7.57	7.96	5.1	2.824	90.9
368	9/24/2012 11:01:33	14.70	50.15	32.86	7.62	7.96	5.0	2.759	91.9
369	9/24/2012 11:16:33	14.79	50.16	32.88	7.55	7.96	4.7	2.694	91.2
370	9/24/2012 11:31:33	14.92	50.18	32.89	7.56	7.97	4.8	2.639	91.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
371	9/24/2012 11:46:33	15.05	50.19	32.90	7.64	7.97	5.0	2.579	92.8
372	9/24/2012 12:01:33	15.24	50.23	32.93	7.58	7.97	4.7	2.512	92.4
373	9/24/2012 12:16:33	15.34	50.23	32.94	7.64	7.98	4.8	2.453	93.4
374	9/24/2012 12:31:33	15.39	50.21	32.93	7.64	7.98	4.4	2.423	93.4
375	9/24/2012 12:46:33	15.45	50.22	32.93	7.76	7.99	4.3	2.371	95.0
376	9/24/2012 13:01:33	15.48	50.22	32.94	7.81	7.99	4.3	2.324	95.7
377	9/24/2012 13:16:33	15.50	50.22	32.93	7.82	8.00	4.0	2.292	95.8
378	9/24/2012 13:31:33	15.52	50.22	32.93	7.77	8.00	3.7	2.283	95.2
379	9/24/2012 13:46:33	15.62	50.20	32.92	7.82	8.01	3.3	2.236	96.1
380	9/24/2012 14:01:33	15.44	50.20	32.92	7.87	7.99	3.9	2.239	96.4
381	9/24/2012 14:16:33	15.55	50.22	32.93	7.96	8.00	3.8	2.269	97.7
382	9/24/2012 14:31:33	15.62	50.22	32.94	7.96	8.00	3.9	2.290	97.7
383	9/24/2012 14:46:33	15.65	50.22	32.94	7.96	8.01	3.8	2.303	97.9
384	9/24/2012 15:01:33	15.69	50.22	32.94	7.95	8.01	4.3	2.358	97.8
385	9/24/2012 15:16:33	15.63	50.22	32.94	7.89	8.00	4.7	2.400	97.0
386	9/24/2012 15:31:33	15.57	50.21	32.93	7.79	7.99	4.3	2.442	95.6
387	9/24/2012 15:46:33	15.43	50.17	32.90	7.80	7.98	4.9	2.508	95.5
388	9/24/2012 16:01:33	15.23	50.15	32.87	7.73	7.97	4.7	2.589	94.2
389	9/24/2012 16:16:33	15.13	50.14	32.87	7.70	7.97	4.3	2.660	93.7
390	9/24/2012 16:31:33	15.07	50.14	32.87	7.63	7.97	4.9	2.720	92.6
391	9/24/2012 16:46:33	14.89	50.13	32.85	7.55	7.96	4.5	2.784	91.4
392	9/24/2012 17:01:33	14.57	50.07	32.81	7.56	7.95	4.4	2.861	90.9
393	9/24/2012 17:16:33	14.47	50.09	32.82	7.56	7.95	4.2	2.905	90.7
394	9/24/2012 17:31:33	14.41	50.09	32.81	7.57	7.95	4.0	2.968	90.8
395	9/24/2012 17:46:33	14.33	50.09	32.81	7.59	7.95	4.1	3.044	90.9
396	9/24/2012 18:01:33	14.17	50.08	32.80	7.62	7.94	4.0	3.096	90.8
397	9/24/2012 18:16:33	13.97	50.07	32.78	7.64	7.94	4.0	3.167	90.7
398	9/24/2012 18:31:33	13.73	50.05	32.76	7.69	7.94	4.8	3.234	90.8
399	9/24/2012 18:46:33	13.62	50.05	32.76	7.67	7.94	4.3	3.291	90.5
400	9/24/2012 19:01:33	13.39	50.04	32.74	7.73	7.93	4.2	3.347	90.7
401	9/24/2012 19:16:33	13.21	50.03	32.73	7.77	7.93	3.6	3.403	90.8
402	9/24/2012 19:31:33	13.17	50.02	32.72	7.71	7.93	3.2	3.446	90.0
403	9/24/2012 19:46:33	13.10	50.04	32.73	7.68	7.93	2.8	3.465	89.5
404	9/24/2012 20:01:33	13.06	50.03	32.72	7.58	7.93	2.6	3.499	88.4
405	9/24/2012 20:16:33	13.33	50.03	32.73	7.57	7.93	3.7	3.488	88.7
406	9/24/2012 20:31:33	13.19	50.02	32.72	7.61	7.93	3.2	3.476	88.9
407	9/24/2012 20:46:33	13.27	50.02	32.72	7.60	7.93	3.3	3.430	88.9
408	9/24/2012 21:01:33	13.36	50.04	32.74	7.59	7.93	4.1	3.382	89.0
409	9/24/2012 21:16:33	13.83	50.05	32.76	7.55	7.94	5.0	3.319	89.4
410	9/24/2012 21:31:33	14.12	50.09	32.81	7.42	7.94	6.6	3.240	88.4
411	9/24/2012 21:46:33	14.21	50.09	32.80	7.55	7.95	6.0	3.169	90.1
412	9/24/2012 22:01:33	14.40	50.10	32.82	7.79	7.97	6.4	3.081	93.4
413	9/24/2012 22:16:33	14.56	50.11	32.83	7.95	7.99	5.8	2.978	95.5
414	9/24/2012 22:31:33	14.80	50.12	32.85	8.08	8.00	6.2	2.887	97.7
415	9/24/2012 22:46:33	15.17	50.11	32.85	8.18	8.03	6.8	2.786	99.5
416	9/24/2012 23:01:33	15.42	50.15	32.88	8.29	8.04	6.0	2.698	101.4
417	9/24/2012 23:16:33	15.43	50.15	32.88	8.10	8.02	6.2	2.586	99.1
418	9/24/2012 23:31:33	15.21	50.15	32.87	7.79	8.00	7.5	2.496	94.9
419	9/24/2012 23:46:33	14.88	50.15	32.87	7.56	7.97	8.2	2.385	91.4
420	9/25/2012 0:01:33	14.57	50.12	32.84	7.34	7.95	7.9	2.283	88.2
421	9/25/2012 0:16:33	14.73	50.19	32.89	7.38	7.95	7.9	2.159	89.1
422	9/25/2012 0:31:33	14.81	50.17	32.88	7.51	7.97	7.3	2.068	90.8
423	9/25/2012 0:46:33	14.94	50.18	32.89	7.61	7.97	7.0	1.942	92.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
424	9/25/2012 1:01:33	15.05	50.19	32.90	7.50	7.97	6.5	1.832	91.1
425	9/25/2012 1:16:33	15.31	50.15	32.88	7.54	7.99	6.0	1.719	92.1
426	9/25/2012 1:31:33	15.35	50.23	32.94	7.64	8.00	5.6	1.649	93.4
427	9/25/2012 1:46:33	15.54	50.26	32.96	7.78	8.02	5.4	1.574	95.5
428	9/25/2012 2:01:33	15.60	50.26	32.97	7.78	8.02	5.0	1.502	95.5
429	9/25/2012 2:16:33	15.80	50.29	32.99	8.05	8.05	4.9	1.445	99.2
430	9/25/2012 2:31:33	15.90	50.29	32.99	8.12	8.06	4.4	1.450	100.3
431	9/25/2012 2:46:33	15.81	50.28	32.99	7.99	8.06	3.8	1.444	98.6
432	9/25/2012 3:01:33	16.05	50.31	33.01	8.39	8.10	3.5	1.444	104.0
433	9/25/2012 3:16:33	16.07	50.31	33.01	8.53	8.10	3.6	1.498	105.7
434	9/25/2012 3:31:33	16.10	50.31	33.01	8.58	8.10	3.8	1.560	106.4
435	9/25/2012 3:46:33	16.14	50.31	33.01	8.80	8.12	3.9	1.618	109.3
436	9/25/2012 4:01:33	16.06	50.30	33.00	8.67	8.11	4.1	1.681	107.6
437	9/25/2012 4:16:33	16.27	50.16	32.91	8.22	8.08	7.2	1.758	102.3
438	9/25/2012 4:31:33	16.32	50.10	32.86	7.98	8.06	8.3	1.839	99.3
439	9/25/2012 4:46:33	16.14	50.17	32.91	8.09	8.06	7.0	1.914	100.4
440	9/25/2012 5:01:33	16.00	50.17	32.91	8.03	8.06	6.7	1.992	99.4
441	9/25/2012 5:16:33	15.91	50.17	32.91	8.00	8.05	6.1	2.078	98.8
442	9/25/2012 5:31:33	15.85	50.17	32.90	7.97	8.04	5.6	2.167	98.3
443	9/25/2012 5:46:33	15.60	50.18	32.90	7.80	8.02	5.6	2.255	95.8
444	9/25/2012 6:01:33	15.44	50.18	32.91	7.63	8.00	5.4	2.315	93.4
445	9/25/2012 6:16:33	15.31	50.17	32.89	7.50	7.98	5.7	2.410	91.5
446	9/25/2012 6:31:33	15.22	50.02	32.79	7.42	7.97	5.7	2.495	90.4
447	9/25/2012 6:46:33	15.05	50.10	32.84	7.35	7.96	6.3	2.581	89.2
448	9/25/2012 7:01:33	14.87	50.16	32.88	7.31	7.96	6.2	2.662	88.5
449	9/25/2012 7:16:33	14.72	50.14	32.86	7.29	7.95	6.6	2.739	87.9
450	9/25/2012 7:31:33	14.62	50.11	32.84	7.30	7.95	6.2	2.820	87.9
451	9/25/2012 7:46:33	14.46	50.11	32.83	7.33	7.94	7.1	2.898	87.9
452	9/25/2012 8:01:33	14.20	50.07	32.79	7.33	7.94	7.3	2.968	87.4
453	9/25/2012 8:16:33	13.92	50.07	32.79	7.34	7.93	7.4	3.039	87.1
454	9/25/2012 8:31:33	13.64	50.08	32.78	7.44	7.93	6.8	3.106	87.8
455	9/25/2012 8:46:33	13.40	50.07	32.76	7.54	7.93	6.5	3.168	88.5
456	9/25/2012 9:01:33	13.31	50.05	32.75	7.55	7.92	5.4	3.215	88.5
457	9/25/2012 9:16:33	13.24	50.06	32.75	7.50	7.93	4.2	3.266	87.8
458	9/25/2012 9:31:33	13.24	50.05	32.75	7.45	7.93	4.0	3.299	87.1
459	9/25/2012 9:46:33	13.76	49.95	32.69	7.35	7.93	4.2	3.317	86.9
460	9/25/2012 10:01:33	13.26	50.07	32.76	7.42	7.92	4.6	3.303	86.8
461	9/25/2012 10:16:33	13.49	50.05	32.75	7.39	7.93	5.1	3.283	87.0
462	9/25/2012 10:31:33	13.39	50.06	32.76	7.36	7.92	5.6	3.248	86.4
463	9/25/2012 10:46:33	13.53	50.06	32.77	7.39	7.92	5.6	3.191	86.9
464	9/25/2012 11:01:33	14.11	50.12	32.83	7.33	7.93	6.9	3.105	87.3
465	9/25/2012 11:16:33	13.96	50.10	32.80	7.57	7.94	6.1	3.027	89.9
466	9/25/2012 11:31:33	14.00	50.09	32.80	7.66	7.95	5.8	2.952	91.1
467	9/25/2012 11:46:33	14.15	50.09	32.81	7.72	7.96	5.1	2.882	92.0
468	9/25/2012 12:01:33	14.59	50.13	32.84	7.56	7.96	5.6	2.795	91.0
469	9/25/2012 12:16:33	14.81	50.17	32.88	7.51	7.97	5.2	2.712	90.8
470	9/25/2012 12:31:33	15.01	50.17	32.89	7.47	7.97	5.0	2.660	90.6
471	9/25/2012 12:46:33	15.20	50.21	32.92	7.51	7.98	5.2	2.575	91.5
472	9/25/2012 13:01:33	15.35	50.20	32.92	7.65	7.99	5.0	2.513	93.5
473	9/25/2012 13:16:33	15.38	50.18	32.90	7.64	7.99	4.8	2.445	93.4
474	9/25/2012 13:31:33	15.39	50.19	32.91	7.74	8.00	4.5	2.383	94.6
475	9/25/2012 13:46:33	15.54	50.20	32.92	7.89	8.02	4.5	2.311	96.8
476	9/25/2012 14:01:33	15.54	50.17	32.90	7.95	8.02	4.5	2.254	97.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
477	9/25/2012 14:16:33	15.57	50.19	32.91	8.05	8.02	4.3	2.211	98.8
478	9/25/2012 14:31:33	15.59	50.19	32.91	8.05	8.03	4.2	2.169	98.8
479	9/25/2012 14:46:33	15.63	50.16	32.90	8.01	8.03	3.7	2.140	98.5
480	9/25/2012 15:01:33	15.64	50.17	32.90	7.85	8.03	3.1	2.123	96.5
481	9/25/2012 15:16:33	15.59	50.18	32.91	8.12	8.03	4.0	2.131	99.7
482	9/25/2012 15:31:33	15.62	50.19	32.92	8.10	8.03	4.0	2.155	99.5
483	9/25/2012 15:46:33	15.62	50.18	32.91	8.05	8.03	4.2	2.150	98.9
484	9/25/2012 16:01:33	15.70	50.19	32.92	8.09	8.03	4.5	2.222	99.6
485	9/25/2012 16:16:33	15.87	50.22	32.94	8.18	8.05	5.0	2.283	101.0
486	9/25/2012 16:31:33	15.74	50.21	32.93	8.02	8.03	4.9	2.338	98.8
487	9/25/2012 16:46:33	15.78	50.17	32.90	7.91	8.02	5.6	2.409	97.4
488	9/25/2012 17:01:33	15.66	50.18	32.91	7.84	8.01	5.4	2.476	96.5
489	9/25/2012 17:16:33	15.37	50.16	32.89	7.74	7.99	5.3	2.554	94.6
490	9/25/2012 17:31:33	15.24	50.16	32.88	7.66	7.98	5.1	2.622	93.4
491	9/25/2012 17:46:33	15.10	50.13	32.86	7.55	7.97	5.1	2.682	91.7
492	9/25/2012 18:01:33	14.77	50.12	32.84	7.44	7.96	5.6	2.750	89.8
493	9/25/2012 18:16:33	14.64	50.12	32.84	7.41	7.95	5.0	2.827	89.2
494	9/25/2012 18:31:33	14.52	50.11	32.83	7.41	7.95	5.2	2.902	89.0
495	9/25/2012 18:46:33	14.42	50.12	32.83	7.42	7.95	5.3	2.968	89.0
496	9/25/2012 19:01:33	14.17	50.09	32.81	7.44	7.94	5.4	3.045	88.8
497	9/25/2012 19:16:33	13.92	50.09	32.80	7.47	7.94	5.7	3.121	88.7
498	9/25/2012 19:31:33	13.79	50.09	32.79	7.51	7.94	6.9	3.193	88.8
499	9/25/2012 19:46:33	13.65	50.08	32.78	7.54	7.94	6.3	3.273	89.0
500	9/25/2012 20:01:33	13.44	50.07	32.77	7.64	7.94	6.7	3.338	89.8
501	9/25/2012 20:16:33	13.30	50.06	32.76	7.69	7.94	6.1	3.391	90.1
502	9/25/2012 20:31:33	13.11	50.07	32.76	7.76	7.94	5.4	3.454	90.5
503	9/25/2012 20:46:33	13.01	50.08	32.76	7.75	7.94	4.2	3.493	90.3
504	9/25/2012 21:01:33	12.97	50.07	32.75	7.74	7.94	3.9	3.524	90.0
505	9/25/2012 21:16:33	12.84	50.09	32.76	7.65	7.94	3.1	3.540	88.7
506	9/25/2012 21:31:33	12.88	50.04	32.72	7.79	7.94	4.3	3.528	90.4
507	9/25/2012 21:46:33	12.81	50.07	32.74	7.79	7.94	4.4	3.509	90.3
508	9/25/2012 22:01:33	13.32	50.03	32.73	7.52	7.93	6.4	3.455	88.1
509	9/25/2012 22:16:33	13.56	50.08	32.78	7.42	7.93	12.6	3.399	87.3
510	9/25/2012 22:31:33	14.01	50.11	32.82	7.28	7.94	7.6	3.319	86.6
511	9/25/2012 22:46:33	13.77	50.10	32.80	7.29	7.93	7.2	3.236	86.2
512	9/25/2012 23:01:33	13.73	50.10	32.80	7.30	7.93	6.1	3.154	86.2
513	9/25/2012 23:16:33	14.32	50.14	32.84	7.50	7.97	7.0	3.044	89.8
514	9/25/2012 23:31:33	14.63	50.15	32.86	7.69	8.00	6.6	2.946	92.6
515	9/25/2012 23:46:33	14.78	50.16	32.87	7.93	8.02	6.7	2.852	95.8
516	9/26/2012 0:01:33	14.98	50.16	32.88	8.08	8.03	6.3	2.751	98.0
517	9/26/2012 0:16:33	15.18	50.18	32.90	8.18	8.05	9.7	2.648	99.7
518	9/26/2012 0:31:33	15.16	50.18	32.90	8.15	8.04	7.5	2.533	99.2
519	9/26/2012 0:46:33	14.81	50.17	32.88	7.82	8.00	9.3	2.437	94.5
520	9/26/2012 1:01:33	14.74	50.14	32.86	7.46	7.99	8.5	2.332	90.0
521	9/26/2012 1:16:33	14.36	50.11	32.83	7.35	7.96	8.2	2.195	88.0
522	9/26/2012 1:31:33	14.33	50.16	32.86	7.27	7.95	7.8	2.095	87.1
523	9/26/2012 1:46:33	14.51	50.18	32.88	7.30	7.96	7.0	1.986	87.7
524	9/26/2012 2:01:33	14.71	50.21	32.91	7.36	7.97	6.9	1.856	88.7
525	9/26/2012 2:16:33	14.76	50.20	32.91	7.37	7.98	6.5	1.748	89.0
526	9/26/2012 2:31:33	14.80	50.23	32.93	7.32	7.97	6.4	1.656	88.5
527	9/26/2012 2:46:33	14.94	50.26	32.95	7.43	7.99	6.1	1.589	90.1
528	9/26/2012 3:01:33	15.12	50.25	32.95	7.48	8.00	5.4	1.513	91.0
529	9/26/2012 3:16:33	15.30	50.26	32.96	7.59	8.02	4.9	1.479	92.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
530	9/26/2012 3:31:33	15.40	50.25	32.96	7.68	8.03	4.4	1.461	93.9
531	9/26/2012 3:46:33	15.24	50.24	32.94	7.53	8.02	4.3	1.444	91.8
532	9/26/2012 4:01:33	15.48	50.28	32.98	7.84	8.05	4.2	1.468	96.1
533	9/26/2012 4:16:33	15.55	50.28	32.98	8.01	8.07	3.7	1.506	98.3
534	9/26/2012 4:31:33	15.69	50.31	33.00	8.29	8.10	4.1	1.570	102.0
535	9/26/2012 4:46:33	15.67	50.29	32.99	8.35	8.10	4.0	1.655	102.7
536	9/26/2012 5:01:33	15.61	50.30	33.00	8.27	8.09	4.6	1.725	101.6
537	9/26/2012 5:16:33	15.72	50.16	32.90	7.94	8.07	8.2	1.820	97.7
538	9/26/2012 5:31:33	15.71	50.16	32.89	7.88	8.06	8.3	1.908	96.9
539	9/26/2012 5:46:33	15.51	50.18	32.90	7.80	8.05	7.2	1.983	95.7
540	9/26/2012 6:01:33	15.41	50.19	32.91	7.74	8.04	6.9	2.071	94.7
541	9/26/2012 6:16:33	15.35	50.17	32.89	7.73	8.04	6.1	2.170	94.5
542	9/26/2012 6:31:33	15.28	50.19	32.91	7.71	8.03	6.1	2.246	94.1
543	9/26/2012 6:46:33	15.14	50.19	32.90	7.55	8.01	5.9	2.339	91.9
544	9/26/2012 7:01:33	14.98	50.19	32.90	7.38	7.99	6.3	2.429	89.5
545	9/26/2012 7:16:33	14.90	50.20	32.90	7.27	7.97	6.7	2.511	88.0
546	9/26/2012 7:31:33	14.79	50.17	32.88	7.21	7.96	7.3	2.606	87.1
547	9/26/2012 7:46:33	14.58	50.17	32.88	7.17	7.95	7.2	2.692	86.2
548	9/26/2012 8:01:33	14.47	50.16	32.87	7.17	7.94	7.6	2.774	86.0
549	9/26/2012 8:16:33	14.36	50.14	32.85	7.19	7.94	9.5	2.864	86.1
550	9/26/2012 8:31:33	14.16	50.11	32.82	7.22	7.94	9.5	2.941	86.1
551	9/26/2012 8:46:33	13.89	50.10	32.81	7.27	7.93	9.5	3.020	86.2
552	9/26/2012 9:01:33	13.54	50.09	32.79	7.38	7.93	10.9	3.106	86.9
553	9/26/2012 9:16:33	13.27	50.10	32.78	7.55	7.94	10.4	3.175	88.3
554	9/26/2012 9:31:33	13.12	50.11	32.78	7.63	7.94	9.4	3.247	89.0
555	9/26/2012 9:46:33	13.04	50.10	32.78	7.64	7.95	7.6	3.306	89.0
556	9/26/2012 10:01:33	12.98	50.10	32.77	7.62	7.95	6.2	3.364	88.7
557	9/26/2012 10:16:33	12.86	50.12	32.78	7.68	7.95	5.4	3.395	89.1
558	9/26/2012 10:31:33	13.36	49.59	32.41	7.42	7.94	4.0	3.415	86.8
559	9/26/2012 10:46:33	13.17	50.12	32.80	7.44	7.95	5.7	3.413	87.0
560	9/26/2012 11:01:33	12.79	50.11	32.77	7.61	7.94	5.5	3.386	88.2
561	9/26/2012 11:16:33	13.09	50.09	32.77	7.49	7.94	6.6	3.349	87.4
562	9/26/2012 11:31:33	13.20	50.11	32.79	7.49	7.94	7.6	3.268	87.6
563	9/26/2012 11:46:33	13.79	50.13	32.82	7.48	7.95	7.5	3.199	88.5
564	9/26/2012 12:01:33	13.58	50.10	32.80	7.78	7.97	6.7	3.129	91.7
565	9/26/2012 12:16:33	13.74	50.11	32.80	7.76	7.97	6.5	3.035	91.7
566	9/26/2012 12:31:33	14.02	50.13	32.83	7.54	7.97	7.6	2.934	89.7
567	9/26/2012 12:46:33	14.35	50.15	32.86	7.52	7.97	6.8	2.852	90.1
568	9/26/2012 13:01:33	14.55	50.16	32.86	7.40	7.97	6.1	2.770	89.0
569	9/26/2012 13:16:33	14.90	50.17	32.89	7.56	7.99	6.1	2.682	91.6
570	9/26/2012 13:31:33	15.03	50.16	32.88	7.51	7.99	9.2	2.601	91.2
571	9/26/2012 13:46:33	15.10	50.19	32.90	7.60	8.00	5.6	2.508	92.4
572	9/26/2012 14:01:33	15.16	50.17	32.89	7.71	8.01	5.3	2.437	93.9
573	9/26/2012 14:16:33	15.22	50.18	32.90	7.87	8.02	5.7	2.358	95.9
574	9/26/2012 14:31:33	15.26	50.17	32.89	8.01	8.03	5.0	2.270	97.7
575	9/26/2012 14:46:33	15.28	50.16	32.88	8.08	8.03	4.7	2.193	98.6
576	9/26/2012 15:01:33	15.32	50.16	32.89	8.16	8.04	4.9	2.134	99.6
577	9/26/2012 15:16:33	15.37	50.15	32.88	8.24	8.04	5.1	2.065	100.8
578	9/26/2012 15:31:33	15.36	50.15	32.88	8.24	8.04	4.5	2.016	100.7
579	9/26/2012 15:46:33	15.43	50.15	32.88	8.26	8.05	4.2	1.983	101.0
580	9/26/2012 16:01:33	15.49	50.14	32.88	8.21	8.05	3.5	1.971	100.5
581	9/26/2012 16:16:33	15.45	50.15	32.88	8.35	8.05	4.2	1.975	102.2
582	9/26/2012 16:31:33	15.48	50.16	32.89	8.31	8.05	4.2	1.984	101.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
583	9/26/2012 16:46:33	15.51	50.17	32.90	8.28	8.05	4.3	2.024	101.5
584	9/26/2012 17:01:33	15.60	50.18	32.91	8.32	8.06	5.4	2.090	102.2
585	9/26/2012 17:16:33	15.78	50.22	32.94	8.38	8.08	4.6	2.152	103.2
586	9/26/2012 17:31:33	15.74	50.20	32.93	8.24	8.07	5.1	2.221	101.4
587	9/26/2012 17:46:33	15.94	50.16	32.90	8.07	8.05	7.3	2.303	99.7
588	9/26/2012 18:01:33	15.56	50.16	32.89	7.92	8.03	6.7	2.379	97.2
589	9/26/2012 18:16:33	15.39	50.16	32.89	7.85	8.02	5.7	2.456	96.0
590	9/26/2012 18:31:33	15.33	50.15	32.88	7.80	8.01	5.8	2.534	95.3
591	9/26/2012 18:46:33	14.98	50.15	32.87	7.60	7.99	6.1	2.612	92.1
592	9/26/2012 19:01:33	14.81	50.15	32.86	7.47	7.97	6.4	2.689	90.3
593	9/26/2012 19:16:33	14.65	50.14	32.86	7.42	7.96	6.1	2.769	89.4
594	9/26/2012 19:31:33	14.47	50.14	32.85	7.40	7.96	6.2	2.843	88.9
595	9/26/2012 19:46:33	14.29	50.14	32.85	7.40	7.95	6.9	2.925	88.5
596	9/26/2012 20:01:33	14.08	50.12	32.83	7.45	7.95	7.0	3.011	88.6
597	9/26/2012 20:16:33	13.93	50.12	32.82	7.48	7.95	7.5	3.082	88.8
598	9/26/2012 20:31:33	13.79	50.12	32.81	7.51	7.95	7.2	3.172	88.8
599	9/26/2012 20:46:33	13.48	50.10	32.79	7.61	7.95	8.3	3.253	89.4
600	9/26/2012 21:01:33	13.28	50.10	32.79	7.60	7.94	8.5	3.319	89.0
601	9/26/2012 21:16:33	13.03	50.11	32.78	7.61	7.94	8.4	3.399	88.6
602	9/26/2012 21:31:33	12.83	50.11	32.78	7.65	7.94	7.1	3.460	88.7
603	9/26/2012 21:46:33	12.72	50.14	32.79	7.64	7.94	6.1	3.509	88.4
604	9/26/2012 22:01:33	12.67	50.15	32.79	7.65	7.93	5.6	3.550	88.4
605	9/26/2012 22:16:33	12.59	50.14	32.78	7.59	7.93	3.7	3.571	87.6
606	9/26/2012 22:31:33	12.77	50.17	32.81	7.49	7.93	5.0	3.571	86.8
607	9/26/2012 22:46:33	12.63	50.15	32.79	7.54	7.93	5.1	3.554	87.1
608	9/26/2012 23:01:33	12.91	50.14	32.80	7.45	7.93	7.9	3.502	86.5
609	9/26/2012 23:16:33	13.06	50.14	32.80	7.44	7.94	8.8	3.432	86.8
610	9/26/2012 23:31:33	13.41	50.14	32.82	7.31	7.93	8.4	3.359	85.8
611	9/26/2012 23:46:33	13.20	50.13	32.80	7.31	7.92	8.3	3.266	85.5
612	9/27/2012 0:01:33	13.52	50.13	32.81	7.33	7.93	7.5	3.163	86.3
613	9/27/2012 0:16:33	13.96	50.15	32.85	7.25	7.95	7.9	3.059	86.1
614	9/27/2012 0:31:33	14.05	50.16	32.85	7.47	7.97	8.2	2.953	89.0
615	9/27/2012 0:46:33	14.32	50.14	32.85	7.57	7.99	7.5	2.852	90.6
616	9/27/2012 1:01:33	14.57	50.19	32.89	7.56	7.99	7.0	2.754	91.0
617	9/27/2012 1:16:33	14.75	50.19	32.89	7.55	8.00	7.6	2.638	91.2
618	9/27/2012 1:31:33	14.81	50.18	32.89	7.59	8.00	8.6	2.524	91.8
619	9/27/2012 1:46:33	14.79	50.13	32.85	7.50	7.99	8.7	2.417	90.6
620	9/27/2012 2:01:33	14.49	50.17	32.87	7.23	7.96	10.3	2.314	86.9
621	9/27/2012 2:16:33	14.39	50.18	32.88	7.15	7.96	8.7	2.186	85.7
622	9/27/2012 2:31:33	14.43	50.18	32.88	7.14	7.95	9.0	2.067	85.6
623	9/27/2012 2:46:33	14.51	50.20	32.90	7.20	7.95	9.1	1.955	86.5
624	9/27/2012 3:01:33	14.75	50.20	32.90	7.19	7.97	9.0	1.862	86.8
625	9/27/2012 3:16:33	14.91	50.21	32.92	7.25	7.98	7.2	1.753	87.8
626	9/27/2012 3:31:33	14.94	50.22	32.92	7.17	7.97	6.3	1.644	86.9
627	9/27/2012 3:46:33	15.09	50.23	32.93	7.25	7.98	5.9	1.598	88.1
628	9/27/2012 4:01:33	15.19	50.25	32.95	7.33	7.99	6.7	1.542	89.3
629	9/27/2012 4:16:33	15.37	50.24	32.94	7.41	8.01	6.1	1.494	90.6
630	9/27/2012 4:31:33	15.46	50.27	32.97	7.56	8.03	5.1	1.488	92.6
631	9/27/2012 4:46:33	15.26	50.24	32.94	7.43	8.01	4.5	1.524	90.7
632	9/27/2012 5:01:33	15.53	50.27	32.98	7.80	8.05	3.9	1.556	95.7
633	9/27/2012 5:16:33	15.67	50.29	32.99	7.95	8.08	4.1	1.614	97.8
634	9/27/2012 5:31:33	15.70	50.29	32.99	8.10	8.08	4.3	1.682	99.7
635	9/27/2012 5:46:33	15.61	50.27	32.97	7.98	8.07	5.2	1.776	98.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	9/27/2012 6:01:33	15.68	50.17	32.90	7.70	8.06	7.9	1.873	94.7
637	9/27/2012 6:16:33	15.69	50.14	32.88	7.55	8.05	8.9	1.952	92.9
638	9/27/2012 6:31:33	15.45	50.19	32.91	7.56	8.04	7.2	2.046	92.5
639	9/27/2012 6:46:33	15.31	50.19	32.91	7.49	8.03	6.6	2.140	91.5
640	9/27/2012 7:01:33	15.29	50.19	32.91	7.50	8.03	6.5	2.230	91.5
641	9/27/2012 7:16:33	15.20	50.21	32.92	7.43	8.02	6.3	2.316	90.5
642	9/27/2012 7:31:33	15.00	50.20	32.91	7.28	7.99	7.2	2.410	88.3
643	9/27/2012 7:46:33	14.89	50.19	32.90	7.18	7.98	6.9	2.508	86.9
644	9/27/2012 8:01:33	14.74	50.19	32.89	7.12	7.97	7.9	2.593	86.0
645	9/27/2012 8:16:33	14.51	50.18	32.88	7.10	7.95	7.6	2.684	85.3
646	9/27/2012 8:31:33	14.37	50.17	32.87	7.10	7.95	8.4	2.778	85.0
647	9/27/2012 8:46:33	14.29	50.16	32.86	7.13	7.94	9.5	2.863	85.3
648	9/27/2012 9:01:33	14.08	50.13	32.83	7.13	7.94	11.3	2.953	84.9
649	9/27/2012 9:16:33	13.78	50.12	32.82	7.19	7.93	12.3	3.049	85.0
650	9/27/2012 9:31:33	13.45	50.13	32.81	7.24	7.93	12.9	3.133	85.1
651	9/27/2012 9:46:33	13.16	50.14	32.81	7.28	7.92	11.7	3.218	85.0
652	9/27/2012 10:01:33	13.02	50.14	32.81	7.26	7.92	11.8	3.304	84.6
653	9/27/2012 10:16:33	12.87	50.13	32.79	7.26	7.92	12.1	3.376	84.2
654	9/27/2012 10:31:33	12.76	50.14	32.79	7.25	7.92	9.8	3.437	84.0
655	9/27/2012 10:46:33	12.75	50.14	32.79	7.22	7.92	7.6	3.490	83.6
656	9/27/2012 11:01:33	12.72	50.14	32.79	7.19	7.92	6.8	3.522	83.2
657	9/27/2012 11:16:33	13.05	50.15	32.81	7.05	7.92	5.3	3.533	82.2
658	9/27/2012 11:31:33	12.72	50.16	32.80	7.09	7.91	6.5	3.525	82.1
659	9/27/2012 11:46:33	12.71	50.14	32.79	7.15	7.91	7.0	3.487	82.7
660	9/27/2012 12:01:33	12.99	50.11	32.78	7.17	7.92	9.9	3.421	83.5
661	9/27/2012 12:16:33	13.33	50.13	32.81	7.33	7.94	9.6	3.349	86.0
662	9/27/2012 12:31:33	13.40	50.14	32.81	7.60	7.96	8.1	3.268	89.3
663	9/27/2012 12:46:33	13.40	50.13	32.81	7.58	7.95	9.0	3.163	89.0
664	9/27/2012 13:01:33	13.72	50.15	32.83	7.48	7.96	9.5	3.054	88.5
665	9/27/2012 13:16:33	13.95	50.15	32.84	7.44	7.96	9.8	2.948	88.4
666	9/27/2012 13:31:33	14.34	50.17	32.87	7.52	7.97	8.6	2.864	90.0
667	9/27/2012 13:46:33	14.72	50.17	32.88	7.53	7.99	7.7	2.753	90.9
668	9/27/2012 14:01:33	14.93	50.16	32.88	7.60	8.00	8.1	2.643	92.0
669	9/27/2012 14:16:33	14.92	50.18	32.89	7.65	8.00	7.8	2.556	92.6
670	9/27/2012 14:31:33	14.96	50.18	32.89	7.71	8.00	7.0	2.461	93.5
671	9/27/2012 14:46:33	15.15	50.18	32.90	7.92	8.02	6.4	2.358	96.4
672	9/27/2012 15:01:33	15.12	50.16	32.88	8.12	8.03	6.6	2.254	98.8
673	9/27/2012 15:16:33	15.11	50.16	32.88	8.14	8.03	6.1	2.164	99.0
674	9/27/2012 15:31:33	15.24	50.14	32.87	8.25	8.05	6.4	2.093	100.6
675	9/27/2012 15:46:33	15.38	50.15	32.88	8.27	8.05	7.0	1.996	101.0
676	9/27/2012 16:01:33	15.42	50.15	32.88	8.36	8.06	8.8	1.917	102.3
677	9/27/2012 16:16:33	15.59	50.17	32.90	8.23	8.06	21.5	1.868	101.0
678	9/27/2012 16:31:33	15.65	50.17	32.90	8.12	8.06	11.2	1.840	99.8
679	9/27/2012 16:46:33	15.72	50.15	32.89	8.50	8.08	6.5	1.806	104.6
680	9/27/2012 17:01:33	15.64	50.14	32.88	8.40	8.06	6.4	1.796	103.2
681	9/27/2012 17:16:33	15.66	50.16	32.89	8.41	8.07	6.3	1.837	103.4
682	9/27/2012 17:31:33	15.75	50.18	32.91	8.49	8.08	4.5	1.880	104.5
683	9/27/2012 17:46:33	16.08	50.24	32.96	8.54	8.11	4.5	1.925	105.9
684	9/27/2012 18:01:33	16.11	50.25	32.97	8.55	8.11	4.3	1.990	106.1
685	9/27/2012 18:16:33	16.15	50.19	32.93	8.29	8.09	6.7	2.088	102.9
686	9/27/2012 18:31:33	16.22	50.14	32.89	8.05	8.07	8.9	2.178	100.0
687	9/27/2012 18:46:33	15.85	50.17	32.90	7.99	8.05	7.6	2.256	98.6
688	9/27/2012 19:01:33	15.65	50.14	32.88	7.93	8.04	6.5	2.332	97.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
689	9/27/2012 19:16:33	15.60	50.16	32.89	7.88	8.04	6.1	2.424	96.7
690	9/27/2012 19:31:33	15.23	50.17	32.89	7.65	8.01	7.3	2.515	93.3
691	9/27/2012 19:46:33	15.03	50.17	32.88	7.45	7.99	6.6	2.588	90.4
692	9/27/2012 20:01:33	14.89	50.17	32.88	7.35	7.98	7.0	2.671	88.9
693	9/27/2012 20:16:33	14.77	50.17	32.88	7.29	7.97	7.0	2.753	88.0
694	9/27/2012 20:31:33	14.54	50.16	32.87	7.26	7.96	11.7	2.843	87.2
695	9/27/2012 20:46:33	14.37	50.15	32.86	7.27	7.96	8.6	2.929	87.1
696	9/27/2012 21:01:33	14.21	50.15	32.85	7.27	7.95	9.2	3.011	86.8
697	9/27/2012 21:16:33	14.04	50.13	32.83	7.30	7.95	10.1	3.102	86.9
698	9/27/2012 21:31:33	13.64	50.12	32.81	7.32	7.94	9.9	3.193	86.3
699	9/27/2012 21:46:33	13.38	50.14	32.82	7.29	7.93	10.0	3.278	85.6
700	9/27/2012 22:01:34	13.13	50.15	32.81	7.28	7.93	11.4	3.352	85.0
701	9/27/2012 22:16:33	12.86	50.16	32.81	7.29	7.93	8.5	3.425	84.7
702	9/27/2012 22:31:33	12.70	50.16	32.80	7.29	7.93	7.0	3.497	84.3
703	9/27/2012 22:46:33	12.63	50.16	32.80	7.27	7.93	8.5	3.547	84.0
704	9/27/2012 23:01:33	12.66	50.16	32.81	7.23	7.92	4.6	3.569	83.6
705	9/27/2012 23:16:33	13.10	50.13	32.80	7.13	7.93	4.9	3.598	83.2
706	9/27/2012 23:31:33	12.83	50.15	32.80	7.14	7.93	6.8	3.598	82.8
707	9/27/2012 23:46:33	12.69	50.15	32.79	7.21	7.92	7.6	3.564	83.4
708	9/28/2012 0:01:33	12.79	50.16	32.81	7.17	7.92	8.8	3.503	83.2
709	9/28/2012 0:16:33	13.13	50.14	32.81	7.10	7.92	8.6	3.438	82.9
710	9/28/2012 0:31:33	13.62	50.14	32.82	6.97	7.93	10.8	3.349	82.2
711	9/28/2012 0:46:33	13.26	50.17	32.83	7.05	7.92	13.0	3.250	82.5
712	9/28/2012 1:01:33	13.82	50.16	32.84	7.02	7.94	8.7	3.137	83.1
713	9/28/2012 1:16:33	14.06	50.18	32.87	7.04	7.95	9.0	3.026	83.8
714	9/28/2012 1:31:33	14.21	50.16	32.86	7.14	7.97	8.9	2.924	85.3
715	9/28/2012 1:46:33	14.53	50.17	32.88	7.14	7.97	8.1	2.818	85.8
716	9/28/2012 2:01:33	14.70	50.18	32.88	7.18	7.97	7.8	2.699	86.6
717	9/28/2012 2:16:33	14.88	50.20	32.91	7.22	7.98	8.3	2.594	87.4
718	9/28/2012 2:31:33	15.00	50.18	32.90	7.32	7.99	8.7	2.488	88.9
719	9/28/2012 2:46:33	14.81	50.18	32.89	7.21	7.97	8.3	2.374	87.1
720	9/28/2012 3:01:33	14.36	50.17	32.87	7.01	7.94	10.4	2.249	84.0
721	9/28/2012 3:16:33	14.38	50.16	32.87	6.98	7.95	9.3	2.149	83.7
722	9/28/2012 3:31:33	14.65	50.18	32.89	7.03	7.96	8.3	2.040	84.7
723	9/28/2012 3:46:33	14.66	50.19	32.89	6.97	7.96	7.9	1.927	83.9
724	9/28/2012 4:01:33	14.86	50.20	32.90	7.04	7.97	7.3	1.827	85.2
725	9/28/2012 4:16:33	14.98	50.20	32.91	7.00	7.97	6.7	1.736	85.0
726	9/28/2012 4:31:33	15.06	50.22	32.92	7.03	7.97	6.2	1.677	85.5
727	9/28/2012 4:46:33	15.25	50.20	32.91	7.04	7.98	5.7	1.618	85.8
728	9/28/2012 5:01:33	15.37	50.21	32.93	7.12	7.99	9.8	1.581	87.0
729	9/28/2012 5:16:33	15.66	50.22	32.93	7.36	8.03	8.3	1.595	90.4
730	9/28/2012 5:31:33	15.67	50.26	32.96	7.44	8.04	4.7	1.592	91.5
731	9/28/2012 5:46:33	15.74	50.25	32.96	7.63	8.05	4.0	1.650	94.0
732	9/28/2012 6:01:33	15.79	50.25	32.96	7.67	8.06	4.4	1.704	94.6
733	9/28/2012 6:16:33	15.78	50.25	32.96	7.71	8.06	4.3	1.778	95.1
734	9/28/2012 6:31:33	15.69	50.25	32.96	7.61	8.05	5.5	1.877	93.7
735	9/28/2012 6:46:33	15.84	50.14	32.88	7.32	8.04	9.2	1.970	90.3
736	9/28/2012 7:01:33	15.71	50.14	32.88	7.28	8.03	9.2	2.065	89.5
737	9/28/2012 7:16:33	15.49	50.17	32.90	7.23	8.02	7.8	2.164	88.6
738	9/28/2012 7:31:33	15.40	50.18	32.90	7.21	8.01	7.2	2.256	88.2
739	9/28/2012 7:46:33	15.32	50.19	32.91	7.20	8.01	6.9	2.338	87.9
740	9/28/2012 8:01:33	15.09	50.19	32.91	7.09	7.98	8.1	2.441	86.1
741	9/28/2012 8:16:33	14.92	50.19	32.90	7.03	7.97	7.3	2.536	85.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	9/28/2012 8:31:33	14.80	50.19	32.89	7.01	7.96	8.6	2.625	84.7
743	9/28/2012 8:46:33	14.60	50.18	32.88	6.98	7.95	9.1	2.718	84.0
744	9/28/2012 9:01:33	14.41	50.17	32.87	6.96	7.94	10.0	2.812	83.4
745	9/28/2012 9:16:33	14.30	50.14	32.85	6.94	7.94	11.4	2.911	83.0
746	9/28/2012 9:31:33	14.08	50.15	32.85	6.94	7.94	12.3	2.998	82.7
747	9/28/2012 9:46:33	13.76	50.14	32.83	6.90	7.92	12.9	3.094	81.7
748	9/28/2012 10:01:33	13.41	50.16	32.83	6.89	7.92	13.0	3.193	80.9
749	9/28/2012 10:16:33	13.01	50.17	32.82	6.84	7.90	12.0	3.285	79.6
750	9/28/2012 10:31:33	12.70	50.19	32.82	6.79	7.90	11.9	3.371	78.6
751	9/28/2012 10:46:33	12.50	50.21	32.83	6.78	7.89	10.0	3.456	78.1
752	9/28/2012 11:01:33	12.33	50.22	32.83	6.73	7.89	7.2	3.528	77.3
753	9/28/2012 11:16:33	12.18	50.23	32.83	6.68	7.89	7.0	3.577	76.4
754	9/28/2012 11:31:33	12.00	50.25	32.84	6.62	7.88	6.0	3.621	75.5
755	9/28/2012 11:46:33	11.92	50.25	32.83	6.62	7.88	4.3	3.649	75.3
756	9/28/2012 12:01:33	12.30	50.27	32.86	6.61	7.89	8.3	3.655	75.8
757	9/28/2012 12:16:33	12.04	50.24	32.83	6.58	7.88	12.6	3.631	75.1
758	9/28/2012 12:31:34	12.21	50.22	32.82	6.61	7.89	6.9	3.573	75.7
759	9/28/2012 12:46:33	12.33	50.22	32.83	6.66	7.89	10.1	3.509	76.5
760	9/28/2012 13:01:33	13.04	50.18	32.83	7.03	7.94	10.9	3.423	82.0
761	9/28/2012 13:16:33	13.19	50.16	32.83	7.38	7.96	7.6	3.310	86.3
762	9/28/2012 13:31:33	13.65	50.16	32.84	7.25	7.95	9.0	3.218	85.5
763	9/28/2012 13:46:33	13.92	50.15	32.84	7.20	7.96	10.3	3.102	85.5
764	9/28/2012 14:01:33	14.23	50.16	32.86	7.31	7.98	9.7	2.994	87.3
765	9/28/2012 14:16:33	14.53	50.16	32.87	7.34	7.99	9.4	2.888	88.2
766	9/28/2012 14:31:33	14.84	50.16	32.88	7.44	8.00	10.0	2.787	90.0
767	9/28/2012 14:46:33	15.01	50.15	32.87	7.49	8.01	8.1	2.677	90.9
768	9/28/2012 15:01:33	15.08	50.16	32.88	7.70	8.02	7.8	2.565	93.5
769	9/28/2012 15:16:33	15.24	50.16	32.88	7.83	8.03	7.3	2.463	95.5
770	9/28/2012 15:31:33	15.01	50.16	32.88	7.92	8.03	7.0	2.357	96.1
771	9/28/2012 15:46:33	15.02	50.15	32.87	8.08	8.05	6.7	2.237	98.1
772	9/28/2012 16:01:33	15.20	50.16	32.89	8.09	8.05	6.6	2.119	98.6
773	9/28/2012 16:16:33	15.35	50.17	32.89	8.26	8.07	6.4	2.022	100.9
774	9/28/2012 16:31:33	15.60	50.18	32.90	8.16	8.07	6.1	1.940	100.2
775	9/28/2012 16:46:33	15.65	50.16	32.90	8.26	8.07	5.6	1.841	101.6
776	9/28/2012 17:01:33	15.76	50.17	32.91	8.18	8.07	5.5	1.774	100.7
777	9/28/2012 17:16:33	15.88	50.16	32.90	8.39	8.09	5.3	1.724	103.6
778	9/28/2012 17:31:33	15.99	50.20	32.93	8.16	8.09	4.8	1.694	101.0
779	9/28/2012 17:46:33	15.83	50.11	32.86	8.43	8.10	5.9	1.688	104.0
780	9/28/2012 18:01:33	15.93	50.17	32.91	8.39	8.10	5.3	1.693	103.7
781	9/28/2012 18:16:33	16.36	50.22	32.95	8.59	8.12	4.5	1.725	107.1
782	9/28/2012 18:31:33	16.35	50.23	32.96	8.63	8.13	4.7	1.812	107.6
783	9/28/2012 18:46:33	16.46	50.23	32.96	8.71	8.14	5.1	1.873	108.8
784	9/28/2012 19:01:33	16.38	50.21	32.94	8.47	8.12	6.1	1.967	105.6
785	9/28/2012 19:16:33	16.67	50.12	32.88	8.00	8.08	10.1	2.074	100.3
786	9/28/2012 19:31:33	16.29	50.14	32.89	8.02	8.08	8.3	2.154	99.9
787	9/28/2012 19:46:33	16.08	50.16	32.90	7.97	8.07	7.4	2.248	98.8
788	9/28/2012 20:01:33	16.03	50.16	32.90	7.94	8.06	6.8	2.342	98.4
789	9/28/2012 20:16:33	15.70	50.16	32.89	7.73	8.04	7.6	2.427	95.1
790	9/28/2012 20:31:33	15.46	50.16	32.89	7.47	8.01	7.5	2.517	91.5
791	9/28/2012 20:46:33	15.31	50.15	32.88	7.33	8.00	6.7	2.601	89.4
792	9/28/2012 21:01:33	15.15	50.16	32.88	7.23	7.98	7.7	2.691	88.0
793	9/28/2012 21:16:33	14.92	50.15	32.87	7.18	7.98	7.9	2.790	87.0
794	9/28/2012 21:31:33	14.69	50.15	32.86	7.13	7.97	8.6	2.879	86.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	9/28/2012 21:46:33	14.56	50.14	32.86	7.10	7.96	9.2	2.968	85.4
796	9/28/2012 22:01:33	14.31	50.12	32.83	7.09	7.96	10.1	3.061	84.8
797	9/28/2012 22:16:33	13.93	50.14	32.83	7.03	7.94	10.6	3.145	83.4
798	9/28/2012 22:31:33	13.62	50.16	32.84	6.96	7.93	9.8	3.221	82.1
799	9/28/2012 22:46:33	13.28	50.17	32.84	6.94	7.92	9.8	3.306	81.3
800	9/28/2012 23:01:33	13.01	50.20	32.84	6.89	7.91	9.2	3.375	80.3
801	9/28/2012 23:16:33	12.86	50.21	32.85	6.82	7.91	8.1	3.453	79.2
802	9/28/2012 23:31:33	12.72	50.22	32.85	6.79	7.91	7.6	3.516	78.6
803	9/28/2012 23:46:33	12.65	50.21	32.84	6.78	7.91	5.7	3.547	78.4
804	9/29/2012 0:01:33	13.26	49.60	32.41	6.60	7.90	4.6	3.576	77.0
805	9/29/2012 0:16:33	12.99	50.19	32.84	6.65	7.91	4.6	3.598	77.4
806	9/29/2012 0:31:33	12.61	50.14	32.78	6.72	7.90	7.2	3.567	77.6
807	9/29/2012 0:46:33	13.05	50.12	32.79	6.72	7.91	7.8	3.514	78.3
808	9/29/2012 1:01:33	13.14	50.14	32.81	6.70	7.91	9.7	3.464	78.2
809	9/29/2012 1:16:33	13.33	50.19	32.85	6.70	7.91	11.1	3.371	78.5
810	9/29/2012 1:31:33	13.30	50.19	32.85	6.67	7.90	11.7	3.263	78.1
811	9/29/2012 1:46:33	13.41	50.20	32.86	6.71	7.91	8.9	3.169	78.8
812	9/29/2012 2:01:33	14.09	50.18	32.87	6.76	7.93	9.5	3.062	80.6
813	9/29/2012 2:16:33	14.42	50.17	32.87	6.79	7.95	8.6	2.954	81.4
814	9/29/2012 2:31:33	14.77	50.19	32.90	6.82	7.97	8.5	2.844	82.4
815	9/29/2012 2:46:33	14.90	50.19	32.90	6.92	7.98	8.1	2.737	83.8
816	9/29/2012 3:01:33	15.03	50.18	32.89	6.93	7.98	8.4	2.636	84.1
817	9/29/2012 3:16:33	14.97	50.18	32.89	6.99	7.98	8.3	2.536	84.7
818	9/29/2012 3:31:33	15.01	50.18	32.89	7.02	7.98	9.2	2.441	85.2
819	9/29/2012 3:46:33	14.74	50.18	32.89	6.86	7.96	9.6	2.318	82.9
820	9/29/2012 4:01:33	14.55	50.17	32.87	6.82	7.95	8.8	2.210	82.0
821	9/29/2012 4:16:33	14.67	50.18	32.89	6.90	7.96	8.6	2.090	83.1
822	9/29/2012 4:31:33	14.73	50.20	32.90	6.82	7.95	8.4	1.999	82.3
823	9/29/2012 4:46:33	14.81	50.20	32.90	6.75	7.95	8.0	1.925	81.6
824	9/29/2012 5:01:33	14.83	50.20	32.90	6.67	7.94	7.3	1.821	80.7
825	9/29/2012 5:16:33	15.18	50.19	32.91	6.87	7.97	6.5	1.770	83.7
826	9/29/2012 5:31:33	15.27	50.21	32.92	6.95	7.98	5.7	1.718	84.8
827	9/29/2012 5:46:33	15.50	50.18	32.90	7.08	8.00	5.0	1.696	86.8
828	9/29/2012 6:01:33	15.75	50.31	33.01	7.27	8.03	4.2	1.708	89.5
829	9/29/2012 6:16:33	15.82	50.22	32.94	7.32	8.04	4.0	1.712	90.3
830	9/29/2012 6:31:33	15.78	50.23	32.94	7.33	8.04	4.2	1.746	90.3
831	9/29/2012 6:46:33	15.90	50.23	32.95	7.38	8.05	4.7	1.828	91.2
832	9/29/2012 7:01:33	15.83	50.23	32.95	7.35	8.04	7.4	1.925	90.6
833	9/29/2012 7:16:33	15.79	50.17	32.90	7.18	8.03	7.2	1.996	88.5
834	9/29/2012 7:31:33	15.86	50.10	32.86	6.95	8.02	10.1	2.108	85.8
835	9/29/2012 7:46:33	15.60	50.16	32.89	6.97	8.01	9.3	2.211	85.6
836	9/29/2012 8:01:33	15.47	50.17	32.90	6.93	7.99	7.6	2.289	84.9
837	9/29/2012 8:16:33	15.43	50.18	32.90	6.94	8.00	7.3	2.396	84.9
838	9/29/2012 8:31:33	15.34	50.15	32.88	6.93	7.99	7.3	2.496	84.6
839	9/29/2012 8:46:33	15.08	50.18	32.89	6.87	7.97	7.3	2.589	83.5
840	9/29/2012 9:01:33	14.99	50.19	32.90	6.83	7.96	7.8	2.676	82.9
841	9/29/2012 9:16:33	14.76	50.18	32.89	6.81	7.95	7.9	2.770	82.2
842	9/29/2012 9:31:33	14.54	50.19	32.89	6.78	7.94	8.6	2.855	81.5
843	9/29/2012 9:46:33	14.39	50.17	32.87	6.78	7.94	9.4	2.935	81.3
844	9/29/2012 10:01:33	14.24	50.16	32.86	6.76	7.93	10.7	3.034	80.8
845	9/29/2012 10:16:33	13.92	50.15	32.84	6.74	7.92	11.5	3.136	80.0
846	9/29/2012 10:31:33	13.52	50.17	32.85	6.73	7.91	12.2	3.221	79.3
847	9/29/2012 10:46:33	13.13	50.19	32.84	6.78	7.90	13.4	3.315	79.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
848	9/29/2012 11:01:33	12.81	50.22	32.85	6.87	7.90	10.2	3.411	79.7
849	9/29/2012 11:16:33	12.73	50.22	32.85	6.87	7.90	10.3	3.487	79.6
850	9/29/2012 11:31:33	12.63	50.23	32.85	6.83	7.90	9.5	3.559	78.9
851	9/29/2012 11:46:33	12.45	50.24	32.85	6.88	7.90	8.3	3.621	79.2
852	9/29/2012 12:01:33	12.35	50.24	32.85	6.87	7.89	7.3	3.658	79.0
853	9/29/2012 12:16:33	12.19	50.25	32.85	6.85	7.89	4.6	3.682	78.4
854	9/29/2012 12:31:33	12.60	50.25	32.87	6.77	7.90	6.4	3.694	78.3
855	9/29/2012 12:46:33	12.23	50.26	32.85	6.81	7.89	6.8	3.667	78.1
856	9/29/2012 13:01:33	12.55	50.25	32.86	6.82	7.90	11.3	3.602	78.7
857	9/29/2012 13:16:33	12.66	50.23	32.86	6.88	7.90	10.3	3.550	79.6
858	9/29/2012 13:31:33	13.07	50.21	32.86	7.10	7.93	10.8	3.459	82.8
859	9/29/2012 13:46:33	13.27	50.20	32.86	7.51	7.96	8.1	3.349	88.0
860	9/29/2012 14:01:33	13.57	50.19	32.86	7.29	7.96	8.3	3.243	85.9
861	9/29/2012 14:16:33	13.98	50.20	32.88	7.15	7.96	10.2	3.131	84.9
862	9/29/2012 14:31:33	14.31	50.17	32.87	7.17	7.97	8.7	3.037	85.7
863	9/29/2012 14:46:33	14.62	50.18	32.88	7.20	7.98	9.0	2.917	86.7
864	9/29/2012 15:01:33	14.88	50.19	32.90	7.22	7.99	8.9	2.789	87.4
865	9/29/2012 15:16:33	14.84	50.17	32.89	7.29	7.99	7.9	2.695	88.1
866	9/29/2012 15:31:33	15.21	50.17	32.89	7.52	8.02	7.5	2.584	91.6
867	9/29/2012 15:46:33	15.05	50.18	32.90	7.62	8.02	7.5	2.456	92.5
868	9/29/2012 16:01:33	14.95	50.17	32.88	7.64	8.02	7.6	2.331	92.6
869	9/29/2012 16:16:33	14.93	50.17	32.89	7.90	8.04	6.9	2.227	95.7
870	9/29/2012 16:31:33	15.14	50.17	32.89	8.03	8.05	7.4	2.114	97.7
871	9/29/2012 16:46:33	15.23	50.17	32.90	8.09	8.07	6.5	1.987	98.6
872	9/29/2012 17:01:33	15.43	50.18	32.90	7.93	8.06	6.4	1.864	97.1
873	9/29/2012 17:16:33	15.61	50.18	32.91	8.00	8.07	6.5	1.778	98.3
874	9/29/2012 17:31:33	15.77	50.19	32.92	7.91	8.07	6.1	1.701	97.5
875	9/29/2012 17:46:33	15.91	50.18	32.92	8.04	8.08	6.1	1.630	99.3
876	9/29/2012 18:01:33	15.95	50.19	32.92	7.96	8.08	5.9	1.578	98.4
877	9/29/2012 18:16:33	16.13	50.21	32.94	8.09	8.09	5.3	1.546	100.4
878	9/29/2012 18:31:33	15.81	50.20	32.93	8.09	8.09	5.0	1.573	99.8
879	9/29/2012 18:46:33	16.26	50.23	32.95	8.24	8.11	4.7	1.582	102.5
880	9/29/2012 19:01:33	16.23	50.22	32.94	8.22	8.10	4.6	1.636	102.2
881	9/29/2012 19:16:33	16.48	50.24	32.96	8.51	8.14	4.7	1.711	106.3
882	9/29/2012 19:31:33	16.37	50.23	32.96	8.41	8.13	5.9	1.808	104.9
883	9/29/2012 19:46:33	16.55	50.14	32.89	7.89	8.09	9.5	1.912	98.6
884	9/29/2012 20:01:33	16.60	50.10	32.86	7.67	8.07	11.1	2.003	96.0
885	9/29/2012 20:16:33	16.26	50.16	32.90	7.82	8.07	8.7	2.100	97.2
886	9/29/2012 20:31:33	16.12	50.16	32.91	7.77	8.07	9.3	2.201	96.4
887	9/29/2012 20:46:33	16.06	50.17	32.91	7.75	8.06	7.0	2.282	96.0
888	9/29/2012 21:01:33	15.78	50.17	32.90	7.61	8.04	7.2	2.380	93.8
889	9/29/2012 21:16:33	15.61	50.18	32.91	7.38	8.02	7.3	2.469	90.6
890	9/29/2012 21:31:33	15.50	50.18	32.90	7.23	8.00	7.1	2.550	88.6
891	9/29/2012 21:46:33	15.36	50.17	32.90	7.12	7.99	7.5	2.640	87.0
892	9/29/2012 22:01:33	15.13	50.17	32.89	7.07	7.98	8.1	2.746	86.0
893	9/29/2012 22:16:33	14.92	50.16	32.88	7.04	7.97	8.3	2.810	85.2
894	9/29/2012 22:31:33	14.81	50.17	32.88	7.00	7.97	8.6	2.910	84.6
895	9/29/2012 22:46:33	14.65	50.13	32.85	6.99	7.96	9.8	3.001	84.1
896	9/29/2012 23:01:33	14.28	50.15	32.85	6.98	7.95	11.8	3.097	83.5
897	9/29/2012 23:16:33	13.88	50.17	32.85	6.98	7.94	10.6	3.166	82.8
898	9/29/2012 23:31:33	13.46	50.19	32.85	7.05	7.93	11.6	3.241	82.9
899	9/29/2012 23:46:33	13.11	50.20	32.85	7.12	7.92	10.0	3.318	83.1
900	9/30/2012 0:01:33	12.92	50.22	32.86	7.11	7.91	9.3	3.382	82.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	9/30/2012 0:16:33	12.73	50.23	32.86	7.09	7.91	8.2	3.444	82.1
902	9/30/2012 0:31:33	12.58	50.27	32.88	7.09	7.91	7.4	3.489	81.9
903	9/30/2012 0:46:33	12.50	50.25	32.86	7.02	7.90	8.3	3.514	81.0
904	9/30/2012 1:01:33	12.94	50.23	32.87	6.97	7.92	5.7	3.519	81.1
905	9/30/2012 1:16:33	12.46	50.25	32.86	7.03	7.90	6.2	3.489	81.0
906	9/30/2012 1:31:33	12.69	50.23	32.86	6.99	7.90	6.8	3.446	81.0
907	9/30/2012 1:46:33	13.06	50.22	32.86	6.91	7.91	9.5	3.395	80.6
908	9/30/2012 2:01:33	13.56	50.19	32.86	6.82	7.92	11.5	3.298	80.3
909	9/30/2012 2:16:33	13.65	50.19	32.86	6.73	7.91	9.7	3.213	79.5
910	9/30/2012 2:31:33	13.46	50.20	32.87	6.80	7.91	8.5	3.116	79.9
911	9/30/2012 2:46:33	14.12	50.19	32.88	6.78	7.94	8.3	3.005	80.9
912	9/30/2012 3:01:33	14.54	50.20	32.89	6.66	7.94	8.3	2.913	80.1
913	9/30/2012 3:16:33	14.87	50.17	32.88	6.63	7.96	8.6	2.808	80.2
914	9/30/2012 3:31:33	15.06	50.20	32.91	6.55	7.96	8.6	2.713	79.6
915	9/30/2012 3:46:33	15.14	50.20	32.91	6.59	7.96	8.0	2.612	80.2
916	9/30/2012 4:01:33	15.13	50.20	32.91	6.63	7.96	9.0	2.507	80.6
917	9/30/2012 4:16:33	15.00	50.20	32.91	6.71	7.96	9.6	2.411	81.4
918	9/30/2012 4:31:33	14.67	50.21	32.90	6.67	7.94	10.1	2.324	80.4
919	9/30/2012 4:46:33	14.58	50.21	32.90	6.66	7.94	8.8	2.233	80.1
920	9/30/2012 5:01:33	14.53	50.22	32.91	6.66	7.93	8.2	2.120	80.1
921	9/30/2012 5:16:33	14.78	50.20	32.90	6.70	7.96	7.3	2.020	80.9
922	9/30/2012 5:31:33	14.94	50.21	32.92	6.76	7.96	6.4	1.958	81.9
923	9/30/2012 5:46:33	14.85	50.21	32.91	6.60	7.95	6.4	1.883	79.9
924	9/30/2012 6:01:33	15.13	50.22	32.93	6.73	7.97	5.6	1.836	81.9
925	9/30/2012 6:16:33	15.34	50.22	32.93	6.80	7.99	5.0	1.802	83.1
926	9/30/2012 6:31:33	15.52	50.21	32.93	6.90	8.01	4.9	1.791	84.6
927	9/30/2012 6:46:33	15.50	50.23	32.94	6.92	8.01	6.8	1.816	84.8
928	9/30/2012 7:01:33	15.67	50.23	32.95	7.01	8.02	4.2	1.844	86.2
929	9/30/2012 7:16:33	15.56	50.23	32.94	6.97	8.01	5.1	1.911	85.6
930	9/30/2012 7:31:33	15.58	50.23	32.94	7.00	8.02	5.2	1.991	85.9
931	9/30/2012 7:46:33	15.50	50.23	32.94	6.96	8.01	6.4	2.075	85.3
932	9/30/2012 8:01:33	15.51	50.16	32.89	6.76	7.99	9.2	2.175	82.9
933	9/30/2012 8:16:33	15.40	50.14	32.88	6.72	7.99	9.2	2.265	82.2
934	9/30/2012 8:31:33	15.28	50.13	32.86	6.72	7.98	7.9	2.352	82.0
935	9/30/2012 8:46:33	15.24	50.17	32.89	6.70	7.98	7.6	2.446	81.7
936	9/30/2012 9:01:33	15.18	50.18	32.90	6.72	7.97	7.2	2.545	81.9
937	9/30/2012 9:16:33	14.92	50.19	32.90	6.71	7.96	7.8	2.626	81.3
938	9/30/2012 9:31:33	14.81	50.19	32.90	6.69	7.95	7.8	2.718	80.9
939	9/30/2012 9:46:33	14.71	50.19	32.89	6.74	7.95	8.5	2.808	81.3
940	9/30/2012 10:01:33	14.46	50.19	32.89	6.71	7.93	8.9	2.889	80.6
941	9/30/2012 10:16:33	14.22	50.19	32.88	6.72	7.93	9.4	2.988	80.3
942	9/30/2012 10:31:33	14.08	50.19	32.87	6.76	7.92	10.2	3.076	80.5
943	9/30/2012 10:46:33	13.72	50.18	32.86	6.79	7.91	10.4	3.163	80.2
944	9/30/2012 11:01:33	13.35	50.20	32.86	6.81	7.91	11.4	3.255	79.9
945	9/30/2012 11:16:33	12.89	50.23	32.87	6.91	7.89	11.7	3.348	80.3
946	9/30/2012 11:31:33	12.45	50.26	32.87	6.97	7.88	10.9	3.432	80.3
947	9/30/2012 11:46:33	12.26	50.27	32.87	6.96	7.88	10.2	3.516	79.8
948	9/30/2012 12:01:33	12.13	50.28	32.87	6.95	7.88	9.5	3.586	79.6
949	9/30/2012 12:16:33	12.01	50.29	32.87	6.93	7.88	10.3	3.641	79.0
950	9/30/2012 12:31:33	11.85	50.30	32.87	6.94	7.88	7.0	3.680	79.0
951	9/30/2012 12:46:34	11.77	50.30	32.86	6.91	7.88	5.1	3.716	78.5
952	9/30/2012 13:01:33	12.17	50.30	32.88	6.88	7.89	11.5	3.717	78.8
953	9/30/2012 13:16:33	11.81	50.30	32.87	6.86	7.87	6.3	3.696	77.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
954	9/30/2012 13:31:33	12.06	50.28	32.86	6.87	7.88	7.4	3.641	78.5
955	9/30/2012 13:46:33	12.15	50.30	32.88	6.91	7.89	10.6	3.574	79.1
956	9/30/2012 14:01:33	13.09	50.23	32.87	7.26	7.94	10.3	3.484	84.8
957	9/30/2012 14:16:33	13.15	50.23	32.88	7.59	7.96	9.2	3.378	88.7
958	9/30/2012 14:31:33	13.51	50.21	32.87	7.37	7.95	9.6	3.272	86.8
959	9/30/2012 14:46:33	13.93	50.21	32.88	7.29	7.96	9.9	3.164	86.6
960	9/30/2012 15:01:33	14.30	50.19	32.88	7.35	7.98	8.3	3.055	87.9
961	9/30/2012 15:16:33	14.66	50.19	32.89	7.44	8.00	8.1	2.939	89.7
962	9/30/2012 15:31:33	14.91	50.19	32.90	7.48	8.00	8.7	2.826	90.6
963	9/30/2012 15:46:33	15.02	50.18	32.90	7.55	8.01	7.6	2.712	91.7
964	9/30/2012 16:01:33	15.30	50.17	32.89	7.69	8.04	7.5	2.596	93.8
965	9/30/2012 16:16:33	15.29	50.18	32.90	7.73	8.04	7.7	2.477	94.3
966	9/30/2012 16:31:33	14.96	50.17	32.89	7.97	8.04	6.4	2.339	96.6
967	9/30/2012 16:46:33	15.09	50.18	32.89	7.96	8.04	7.0	2.224	96.7
968	9/30/2012 17:01:33	15.18	50.16	32.88	7.98	8.05	6.6	2.109	97.2
969	9/30/2012 17:16:33	15.30	50.17	32.89	8.04	8.06	6.2	1.986	98.1
970	9/30/2012 17:31:33	15.57	50.17	32.90	7.91	8.06	6.5	1.866	97.1
971	9/30/2012 17:46:33	15.64	50.17	32.90	8.03	8.07	6.4	1.757	98.7
972	9/30/2012 18:01:33	15.86	50.16	32.90	7.97	8.07	6.4	1.665	98.3
973	9/30/2012 18:16:33	15.94	50.18	32.91	7.95	8.08	6.1	1.581	98.3
974	9/30/2012 18:31:33	16.05	50.18	32.91	8.00	8.08	26.9	1.521	99.1
975	9/30/2012 18:46:33	16.13	50.18	32.91	8.05	8.09	41.3	1.486	99.9
976	9/30/2012 19:01:33	16.12	50.15	32.90	8.11	8.10	24.5	1.491	100.7
977	9/30/2012 19:16:33	16.39	50.21	32.94	8.27	8.11	27.5	1.498	103.1
978	9/30/2012 19:31:33	16.50	50.21	32.94	8.48	8.14	5.0	1.549	106.0
979	9/30/2012 19:46:33	16.48	50.22	32.95	8.44	8.13	5.0	1.624	105.4
980	9/30/2012 20:01:33	16.51	50.20	32.94	8.56	8.14	5.3	1.688	107.0
981	9/30/2012 20:16:33	16.41	50.20	32.93	8.33	8.12	5.7	1.780	104.0
982	9/30/2012 20:31:33	16.64	50.05	32.83	7.63	8.06	10.3	1.887	95.6
983	9/30/2012 20:46:33	16.52	50.09	32.86	7.70	8.07	9.3	1.967	96.2
984	9/30/2012 21:01:33	16.30	50.12	32.88	7.71	8.06	7.9	2.057	96.0
985	9/30/2012 21:16:33	16.19	50.14	32.89	7.71	8.06	7.3	2.157	95.8
986	9/30/2012 21:31:33	16.16	50.15	32.90	7.74	8.07	8.0	2.243	96.1
987	9/30/2012 21:46:33	15.86	50.14	32.88	7.54	8.04	7.9	2.324	93.0
988	9/30/2012 22:01:33	15.69	50.16	32.90	7.34	8.02	7.9	2.419	90.3
989	9/30/2012 22:16:33	15.58	50.16	32.89	7.20	8.00	7.2	2.505	88.4
990	9/30/2012 22:31:33	15.43	50.18	32.90	7.11	7.99	7.7	2.599	87.0
991	9/30/2012 22:46:33	15.17	50.18	32.90	7.08	7.98	8.3	2.684	86.2
992	9/30/2012 23:01:33	14.94	50.18	32.89	7.08	7.97	8.6	2.764	85.8
993	9/30/2012 23:16:33	14.84	50.18	32.89	7.07	7.97	8.7	2.861	85.5
994	9/30/2012 23:31:33	14.65	50.16	32.87	7.07	7.96	18.3	2.925	85.2
995	9/30/2012 23:46:33	14.28	50.15	32.86	7.09	7.95	10.4	3.019	84.8
996	10/1/2012 0:01:33	13.90	50.19	32.87	7.09	7.94	10.4	3.102	84.1
997	10/1/2012 0:16:33	13.51	50.21	32.87	7.09	7.92	9.7	3.165	83.5
998	10/1/2012 0:31:33	13.08	50.23	32.87	7.11	7.91	8.7	3.253	83.0
999	10/1/2012 0:46:33	12.92	50.23	32.86	7.08	7.91	8.6	3.317	82.4
1000	10/1/2012 1:01:33	12.74	50.25	32.87	7.01	7.90	9.0	3.373	81.2
1001	10/1/2012 1:16:33	12.52	50.27	32.87	6.97	7.90	6.6	3.407	80.4
1002	10/1/2012 1:31:33	12.22	50.28	32.87	6.89	7.89	6.6	3.439	79.0
1003	10/1/2012 1:46:33	12.59	50.33	32.92	6.89	7.90	10.1	3.443	79.6
1004	10/1/2012 2:01:33	12.26	50.27	32.87	6.85	7.89	6.2	3.410	78.6
1005	10/1/2012 2:16:33	12.62	50.26	32.87	6.87	7.90	7.0	3.376	79.4
1006	10/1/2012 2:31:33	13.02	50.22	32.86	6.85	7.91	8.6	3.313	79.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1007	10/1/2012 2:46:33	13.98	50.21	32.89	6.63	7.92	10.3	3.230	78.8
1008	10/1/2012 3:01:33	13.88	50.19	32.87	6.65	7.91	10.9	3.140	78.8
1009	10/1/2012 3:16:33	13.62	50.21	32.88	6.75	7.91	8.1	3.047	79.6
1010	10/1/2012 3:31:33	14.18	50.19	32.88	6.73	7.93	8.7	2.956	80.3
1011	10/1/2012 3:46:33	14.52	50.19	32.89	6.64	7.94	8.4	2.859	79.8
1012	10/1/2012 4:01:33	14.82	50.20	32.90	6.57	7.95	8.1	2.762	79.5
1013	10/1/2012 4:16:33	14.93	50.20	32.91	6.50	7.94	8.4	2.668	78.8
1014	10/1/2012 4:31:33	15.06	50.21	32.91	6.48	7.95	8.9	2.569	78.8
1015	10/1/2012 4:46:33	15.08	50.21	32.91	6.61	7.96	8.3	2.486	80.3
1016	10/1/2012 5:01:33	15.04	50.21	32.92	6.53	7.95	10.4	2.401	79.3
1017	10/1/2012 5:16:33	14.97	50.23	32.93	6.67	7.96	9.2	2.314	80.9
1018	10/1/2012 5:31:33	14.75	50.20	32.90	6.59	7.95	9.5	2.229	79.6
1019	10/1/2012 5:46:33	14.74	50.21	32.91	6.75	7.95	7.9	2.163	81.5
1020	10/1/2012 6:01:33	14.87	50.21	32.91	6.69	7.96	6.8	2.089	80.9
1021	10/1/2012 6:16:33	14.91	50.22	32.92	6.70	7.96	6.6	2.020	81.1
1022	10/1/2012 6:31:33	14.98	50.22	32.92	6.71	7.97	6.1	1.964	81.4
1023	10/1/2012 6:46:33	15.14	50.21	32.92	6.78	7.98	5.5	1.941	82.5
1024	10/1/2012 7:01:33	15.38	50.23	32.94	6.89	8.00	4.7	1.942	84.3
1025	10/1/2012 7:16:33	15.33	50.18	32.90	6.84	8.00	4.5	1.946	83.5
1026	10/1/2012 7:31:33	15.47	50.23	32.94	6.91	8.01	4.4	1.955	84.6
1027	10/1/2012 7:46:33	15.41	50.22	32.93	6.94	8.00	4.6	2.018	84.9
1028	10/1/2012 8:01:33	15.50	50.22	32.93	6.97	8.01	7.2	2.097	85.5
1029	10/1/2012 8:16:33	15.42	50.22	32.93	6.96	8.00	5.7	2.151	85.1
1030	10/1/2012 8:31:33	15.36	50.18	32.90	6.87	7.99	7.2	2.241	83.9
1031	10/1/2012 8:46:33	15.31	50.17	32.90	6.80	7.98	8.1	2.330	83.0
1032	10/1/2012 9:01:33	15.11	50.18	32.90	6.78	7.97	7.2	2.428	82.5
1033	10/1/2012 9:16:33	15.07	50.20	32.91	6.75	7.97	6.7	2.506	82.0
1034	10/1/2012 9:31:33	15.04	50.19	32.90	6.73	7.97	6.6	2.591	81.8
1035	10/1/2012 9:46:33	14.78	50.20	32.90	6.76	7.95	7.0	2.679	81.7
1036	10/1/2012 10:01:33	14.65	50.19	32.90	6.73	7.94	7.2	2.762	81.0
1037	10/1/2012 10:16:33	14.56	50.20	32.90	6.74	7.94	7.8	2.850	81.1
1038	10/1/2012 10:31:33	14.36	50.19	32.89	6.77	7.93	8.0	2.932	81.1
1039	10/1/2012 10:46:33	14.06	50.20	32.88	6.77	7.93	8.9	3.024	80.6
1040	10/1/2012 11:01:33	13.84	50.21	32.89	6.77	7.92	8.9	3.115	80.2
1041	10/1/2012 11:16:33	13.51	50.21	32.87	6.76	7.91	10.8	3.203	79.5
1042	10/1/2012 11:31:33	13.09	50.23	32.87	6.75	7.90	11.4	3.289	78.8
1043	10/1/2012 11:46:33	12.74	50.25	32.87	6.76	7.89	10.6	3.374	78.4
1044	10/1/2012 12:01:33	12.33	50.28	32.88	6.79	7.88	10.9	3.463	78.0
1045	10/1/2012 12:16:33	11.93	50.31	32.88	6.84	7.87	8.7	3.541	77.9
1046	10/1/2012 12:31:33	11.78	50.32	32.88	6.84	7.87	7.5	3.602	77.6
1047	10/1/2012 12:46:33	11.73	50.33	32.88	6.82	7.87	17.7	3.657	77.4
1048	10/1/2012 13:01:33	11.68	50.33	32.88	6.80	7.87	5.6	3.702	77.1
1049	10/1/2012 13:16:33	11.63	50.33	32.88	6.78	7.87	11.9	3.724	76.8
1050	10/1/2012 13:31:34	11.86	50.34	32.89	6.77	7.88	4.6	3.716	77.0
1051	10/1/2012 13:46:33	11.67	50.33	32.88	6.73	7.87	5.1	3.687	76.3
1052	10/1/2012 14:01:33	11.77	50.32	32.88	6.74	7.87	5.9	3.652	76.5
1053	10/1/2012 14:16:33	12.03	50.32	32.89	6.80	7.88	6.3	3.575	77.6
1054	10/1/2012 14:31:33	13.35	50.23	32.88	7.43	7.97	8.5	3.478	87.2
1055	10/1/2012 14:46:33	13.28	50.23	32.88	7.57	7.97	8.3	3.384	88.7
1056	10/1/2012 15:01:33	13.81	50.22	32.89	7.36	7.97	12.1	3.282	87.2
1057	10/1/2012 15:16:33	14.02	50.23	32.90	7.27	7.97	9.4	3.170	86.5
1058	10/1/2012 15:31:33	14.26	50.21	32.90	7.29	7.98	8.8	3.048	87.1
1059	10/1/2012 15:46:33	14.77	50.20	32.90	7.60	8.01	9.0	2.942	91.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	10/1/2012 16:01:33	15.00	50.18	32.90	7.57	8.01	8.6	2.829	91.9
1061	10/1/2012 16:16:33	15.32	50.18	32.90	7.72	8.04	8.4	2.717	94.3
1062	10/1/2012 16:31:33	15.55	50.18	32.90	8.07	8.06	8.7	2.603	99.0
1063	10/1/2012 16:46:33	15.52	50.18	32.91	8.04	8.06	8.2	2.487	98.6
1064	10/1/2012 17:01:33	15.33	50.17	32.89	7.94	8.05	7.0	2.351	96.9
1065	10/1/2012 17:16:33	15.43	50.18	32.90	7.92	8.05	8.5	2.234	96.9
1066	10/1/2012 17:31:33	15.46	50.15	32.88	7.99	8.06	6.8	2.127	97.9
1067	10/1/2012 17:46:33	15.51	50.18	32.90	8.13	8.07	6.7	1.999	99.7
1068	10/1/2012 18:01:33	15.83	50.17	32.91	8.13	8.08	6.5	1.873	100.3
1069	10/1/2012 18:16:33	15.96	50.17	32.90	8.06	8.08	6.5	1.771	99.7
1070	10/1/2012 18:31:33	15.88	50.17	32.90	8.04	8.08	6.2	1.666	99.3
1071	10/1/2012 18:46:33	16.20	50.18	32.92	8.07	8.09	6.5	1.577	100.3
1072	10/1/2012 19:01:33	16.39	50.19	32.93	8.20	8.11	7.7	1.510	102.3
1073	10/1/2012 19:16:33	16.48	50.20	32.93	8.23	8.11	7.0	1.459	102.8
1074	10/1/2012 19:31:33	16.82	50.20	32.94	8.46	8.14	5.7	1.453	106.4
1075	10/1/2012 19:46:33	16.50	50.16	32.91	8.27	8.12	7.9	1.455	103.3
1076	10/1/2012 20:01:33	16.90	50.19	32.94	8.65	8.16	4.7	1.489	109.0
1077	10/1/2012 20:16:33	16.85	50.16	32.92	8.72	8.16	4.6	1.546	109.7
1078	10/1/2012 20:31:33	16.94	50.19	32.94	8.86	8.17	4.7	1.610	111.8
1079	10/1/2012 20:46:33	16.87	50.20	32.94	8.79	8.17	5.7	1.702	110.6
1080	10/1/2012 21:01:33	17.09	50.06	32.84	7.99	8.10	9.1	1.780	100.9
1081	10/1/2012 21:16:33	17.14	50.02	32.82	7.71	8.07	9.2	1.875	97.5
1082	10/1/2012 21:31:33	16.84	50.11	32.87	8.02	8.10	7.5	1.961	100.9
1083	10/1/2012 21:46:33	16.65	50.11	32.87	8.00	8.09	6.8	2.053	100.2
1084	10/1/2012 22:01:33	16.56	50.14	32.89	7.97	8.09	8.1	2.141	99.7
1085	10/1/2012 22:16:33	16.45	50.15	32.90	7.93	8.08	6.9	2.233	98.9
1086	10/1/2012 22:31:33	16.07	50.16	32.90	7.56	8.04	7.3	2.323	93.7
1087	10/1/2012 22:46:33	15.92	50.16	32.90	7.41	8.02	8.0	2.401	91.5
1088	10/1/2012 23:01:33	15.83	50.16	32.89	7.29	8.01	8.5	2.497	89.9
1089	10/1/2012 23:16:33	15.71	50.17	32.90	7.18	8.00	7.3	2.586	88.4
1090	10/1/2012 23:31:33	15.48	50.18	32.90	7.13	7.99	22.7	2.670	87.4
1091	10/1/2012 23:46:33	15.23	50.18	32.90	7.11	7.98	8.1	2.751	86.7
1092	10/2/2012 0:01:33	15.11	50.17	32.89	7.08	7.98	8.4	2.837	86.1
1093	10/2/2012 0:16:33	14.85	50.16	32.88	7.04	7.97	8.9	2.916	85.1
1094	10/2/2012 0:31:33	14.45	50.16	32.87	7.01	7.95	9.4	2.994	84.1
1095	10/2/2012 0:46:33	14.09	50.18	32.87	6.98	7.94	8.2	3.072	83.1
1096	10/2/2012 1:01:33	13.68	50.21	32.88	6.92	7.93	8.4	3.139	81.7
1097	10/2/2012 1:16:33	13.35	50.23	32.88	6.88	7.92	7.2	3.220	80.7
1098	10/2/2012 1:31:33	13.10	50.24	32.88	6.81	7.91	11.1	3.278	79.5
1099	10/2/2012 1:46:33	12.91	50.25	32.88	6.77	7.90	5.8	3.324	78.7
1100	10/2/2012 2:01:33	12.83	50.26	32.88	6.70	7.90	5.0	3.364	77.8
1101	10/2/2012 2:16:33	12.76	50.27	32.89	6.64	7.89	4.0	3.383	76.9
1102	10/2/2012 2:31:33	12.96	50.27	32.90	6.63	7.90	5.1	3.380	77.2
1103	10/2/2012 2:46:33	12.70	50.27	32.88	6.60	7.89	5.2	3.348	76.4
1104	10/2/2012 3:01:33	12.96	50.26	32.89	6.63	7.90	7.2	3.302	77.2
1105	10/2/2012 3:16:33	13.45	50.23	32.88	6.66	7.91	9.4	3.239	78.3
1106	10/2/2012 3:31:33	14.03	50.22	32.89	6.63	7.93	9.9	3.157	78.9
1107	10/2/2012 3:46:33	14.03	50.21	32.89	6.63	7.92	15.3	3.070	78.9
1108	10/2/2012 4:01:33	14.10	50.21	32.89	6.63	7.92	10.1	2.975	79.0
1109	10/2/2012 4:16:33	14.38	50.21	32.90	6.64	7.93	8.5	2.888	79.6
1110	10/2/2012 4:31:33	14.80	50.18	32.89	6.69	7.95	7.6	2.801	80.9
1111	10/2/2012 4:46:33	14.96	50.19	32.90	6.67	7.95	7.4	2.707	80.8
1112	10/2/2012 5:01:33	15.15	50.21	32.92	6.56	7.95	7.3	2.635	79.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1113	10/2/2012 5:16:33	15.21	50.19	32.91	6.53	7.95	8.1	2.551	79.5
1114	10/2/2012 5:31:33	15.30	50.20	32.91	6.46	7.95	9.3	2.464	78.9
1115	10/2/2012 5:46:33	15.34	50.21	32.92	6.49	7.95	9.0	2.397	79.2
1116	10/2/2012 6:01:33	15.38	50.20	32.92	6.61	7.96	9.0	2.325	80.8
1117	10/2/2012 6:16:33	15.26	50.20	32.91	6.72	7.97	8.2	2.248	82.0
1118	10/2/2012 6:31:33	15.16	50.20	32.91	6.72	7.97	7.3	2.193	81.9
1119	10/2/2012 6:46:33	15.23	50.20	32.91	6.69	7.97	7.2	2.131	81.6
1120	10/2/2012 7:01:33	15.33	50.21	32.92	6.77	7.98	5.9	2.082	82.7
1121	10/2/2012 7:16:33	15.51	50.20	32.92	6.85	7.99	6.1	2.059	84.0
1122	10/2/2012 7:31:33	15.68	50.20	32.92	6.91	8.01	4.9	2.047	85.0
1123	10/2/2012 7:46:33	15.74	50.20	32.93	6.88	8.00	5.2	2.062	84.8
1124	10/2/2012 8:01:33	15.83	50.19	32.92	7.01	8.02	4.0	2.071	86.5
1125	10/2/2012 8:16:33	15.72	50.19	32.91	6.96	8.01	4.6	2.116	85.7
1126	10/2/2012 8:31:33	15.82	50.19	32.92	7.00	8.02	4.7	2.174	86.3
1127	10/2/2012 8:46:33	15.77	50.19	32.92	6.97	8.01	8.4	2.241	85.8
1128	10/2/2012 9:01:33	15.69	50.18	32.91	6.92	8.00	6.8	2.320	85.1
1129	10/2/2012 9:16:33	15.59	50.18	32.90	6.86	7.99	7.1	2.400	84.2
1130	10/2/2012 9:31:33	15.42	50.18	32.91	6.80	7.98	7.0	2.474	83.2
1131	10/2/2012 9:46:33	15.31	50.17	32.89	6.77	7.98	5.9	2.553	82.6
1132	10/2/2012 10:01:33	15.25	50.16	32.89	6.76	7.97	5.9	2.637	82.4
1133	10/2/2012 10:16:33	15.05	50.18	32.89	6.73	7.96	6.7	2.708	81.8
1134	10/2/2012 10:31:33	14.81	50.19	32.90	6.71	7.95	6.4	2.791	81.1
1135	10/2/2012 10:46:33	14.67	50.19	32.90	6.71	7.94	6.2	2.866	80.9
1136	10/2/2012 11:01:33	14.48	50.20	32.90	6.73	7.94	6.7	2.955	80.8
1137	10/2/2012 11:16:33	14.11	50.21	32.89	6.68	7.93	7.0	3.032	79.6
1138	10/2/2012 11:31:33	13.88	50.23	32.90	6.65	7.92	7.8	3.125	78.9
1139	10/2/2012 11:46:33	13.56	50.24	32.89	6.59	7.91	8.4	3.212	77.6
1140	10/2/2012 12:01:33	12.99	50.26	32.89	6.47	7.89	9.2	3.292	75.3
1141	10/2/2012 12:16:33	12.54	50.29	32.89	6.38	7.87	7.9	3.376	73.6
1142	10/2/2012 12:31:33	12.32	50.32	32.90	6.34	7.87	7.3	3.451	72.9
1143	10/2/2012 12:46:33	11.93	50.35	32.91	6.30	7.85	7.2	3.526	71.8
1144	10/2/2012 13:01:33	11.69	50.38	32.92	6.25	7.85	5.9	3.588	70.9
1145	10/2/2012 13:16:33	11.56	50.40	32.92	6.21	7.84	4.8	3.628	70.3
1146	10/2/2012 13:31:33	11.50	50.40	32.92	6.19	7.84	3.7	3.661	69.8
1147	10/2/2012 13:46:33	12.07	50.29	32.87	6.09	7.84	3.3	3.668	69.6
1148	10/2/2012 14:01:33	11.57	50.40	32.92	6.10	7.84	4.2	3.667	69.0
1149	10/2/2012 14:16:33	11.51	50.39	32.91	6.12	7.84	28.1	3.639	69.1
1150	10/2/2012 14:31:33	11.70	50.40	32.93	6.15	7.85	131.3	3.581	69.8
1151	10/2/2012 14:46:33	12.98	50.24	32.88	6.61	7.92	124.2	3.515	77.0
1152	10/2/2012 15:01:33	13.31	50.28	32.91	6.94	7.95	47.4	3.430	81.4
1153	10/2/2012 15:16:33	13.32	50.26	32.90	7.05	7.96	118.4	3.337	82.6
1154	10/2/2012 15:31:33	13.75	50.25	32.91	7.04	7.96	189.5	3.237	83.3
1155	10/2/2012 15:46:33	14.04	50.25	32.92	7.06	7.97	57.3	3.138	84.0
1156	10/2/2012 16:01:33	14.35	50.21	32.90	7.15	7.99	62.3	3.029	85.6
1157	10/2/2012 16:16:33	14.74	50.20	32.90	7.31	8.01	81.1	2.925	88.2
1158	10/2/2012 16:31:33	15.10	50.20	32.91	7.44	8.03	105.7	2.820	90.5
1159	10/2/2012 16:46:33	15.18	50.19	32.91	7.46	8.03	75.6	2.708	90.8
1160	10/2/2012 17:01:33	15.39	50.19	32.91	7.65	8.05	16.2	2.594	93.5
1161	10/2/2012 17:16:33	15.52	50.18	32.91	7.80	8.06	7.9	2.485	95.6
1162	10/2/2012 17:31:33	15.50	50.18	32.91	7.70	8.06	21.7	2.368	94.4
1163	10/2/2012 17:46:33	15.25	50.18	32.90	7.80	8.06	7.3	2.242	95.2
1164	10/2/2012 18:01:33	15.18	50.19	32.91	7.94	8.07	7.5	2.122	96.7
1165	10/2/2012 18:16:33	15.48	50.20	32.92	8.00	8.08	6.8	2.016	98.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1166	10/2/2012 18:31:33	15.57	50.20	32.92	7.89	8.08	7.6	1.899	96.8
1167	10/2/2012 18:46:33	15.91	50.20	32.93	7.92	8.09	7.1	1.760	97.9
1168	10/2/2012 19:01:33	16.01	50.22	32.94	7.94	8.10	7.5	1.676	98.3
1169	10/2/2012 19:16:33	16.11	50.20	32.93	7.89	8.09	7.6	1.592	97.9
1170	10/2/2012 19:31:33	16.26	50.20	32.94	7.97	8.11	6.8	1.508	99.1
1171	10/2/2012 19:46:33	16.39	50.19	32.93	7.97	8.11	6.5	1.449	99.4
1172	10/2/2012 20:01:33	16.93	50.21	32.95	8.43	8.17	6.5	1.440	106.3
1173	10/2/2012 20:16:33	16.94	50.19	32.94	8.29	8.16	6.3	1.421	104.5
1174	10/2/2012 20:31:33	16.85	50.20	32.94	8.35	8.16	6.1	1.443	105.0
1175	10/2/2012 20:46:33	16.97	50.20	32.94	8.50	8.18	4.3	1.491	107.3
1176	10/2/2012 21:01:33	16.92	50.21	32.95	8.51	8.17	4.7	1.551	107.3
1177	10/2/2012 21:16:33	16.91	50.20	32.94	8.59	8.18	4.8	1.616	108.2
1178	10/2/2012 21:31:33	16.84	50.19	32.93	8.38	8.16	5.7	1.706	105.4
1179	10/2/2012 21:46:33	17.07	50.04	32.82	7.60	8.09	9.1	1.794	96.0
1180	10/2/2012 22:01:33	17.01	50.05	32.83	7.63	8.09	8.6	1.876	96.3
1181	10/2/2012 22:16:33	16.79	50.11	32.87	7.77	8.10	7.5	1.966	97.6
1182	10/2/2012 22:31:33	16.70	50.12	32.88	7.77	8.10	7.5	2.055	97.5
1183	10/2/2012 22:46:33	16.61	50.14	32.90	7.77	8.10	6.6	2.120	97.3
1184	10/2/2012 23:01:33	16.45	50.16	32.91	7.76	8.09	6.9	2.208	96.9
1185	10/2/2012 23:16:33	16.12	50.15	32.89	7.43	8.05	7.1	2.300	92.2
1186	10/2/2012 23:31:33	15.99	50.17	32.90	7.30	8.04	7.5	2.392	90.4
1187	10/2/2012 23:46:33	15.85	50.18	32.91	7.14	8.02	8.1	2.472	88.1
1188	10/3/2012 0:01:33	15.65	50.14	32.88	7.07	8.01	7.0	2.565	86.9
1189	10/3/2012 0:16:33	15.46	50.19	32.91	7.01	8.00	7.3	2.638	85.9
1190	10/3/2012 0:31:33	15.24	50.19	32.91	6.97	7.99	7.0	2.704	85.0
1191	10/3/2012 0:46:33	15.09	50.17	32.89	6.93	7.98	6.8	2.789	84.2
1192	10/3/2012 1:01:33	14.93	50.17	32.89	6.89	7.98	7.2	2.862	83.5
1193	10/3/2012 1:16:33	14.55	50.18	32.88	6.83	7.96	7.4	2.942	82.2
1194	10/3/2012 1:31:33	14.23	50.18	32.88	6.78	7.95	8.1	3.016	81.0
1195	10/3/2012 1:46:33	13.93	50.21	32.89	6.76	7.94	6.9	3.084	80.3
1196	10/3/2012 2:01:33	13.49	50.24	32.89	6.76	7.93	7.5	3.138	79.6
1197	10/3/2012 2:16:33	13.21	50.26	32.89	6.75	7.92	18.0	3.190	79.0
1198	10/3/2012 2:31:33	13.02	50.27	32.90	6.75	7.92	4.8	3.225	78.6
1199	10/3/2012 2:46:33	12.96	50.26	32.89	6.71	7.92	4.3	3.245	78.1
1200	10/3/2012 3:01:33	13.28	50.25	32.89	6.63	7.93	4.1	3.269	77.7
1201	10/3/2012 3:16:33	13.00	50.27	32.90	6.64	7.92	4.6	3.248	77.4
1202	10/3/2012 3:31:33	12.95	50.27	32.89	6.66	7.92	6.2	3.222	77.6
1203	10/3/2012 3:46:34	13.36	50.24	32.89	6.64	7.93	9.2	3.172	77.9
1204	10/3/2012 4:01:33	14.56	50.20	32.90	6.46	7.95	10.9	3.109	77.6
1205	10/3/2012 4:16:33	14.34	50.21	32.90	6.47	7.94	8.2	3.049	77.5
1206	10/3/2012 4:31:33	14.37	50.19	32.89	6.46	7.94	8.1	2.969	77.4
1207	10/3/2012 4:46:33	14.39	50.19	32.89	6.39	7.93	8.4	2.884	76.6
1208	10/3/2012 5:01:33	14.67	50.19	32.89	6.45	7.95	7.5	2.816	77.7
1209	10/3/2012 5:16:33	14.63	50.21	32.91	6.36	7.93	9.5	2.723	76.6
1210	10/3/2012 5:31:33	14.64	50.21	32.91	6.36	7.93	13.0	2.656	76.6
1211	10/3/2012 5:46:33	15.02	50.23	32.93	6.42	7.95	21.2	2.588	78.0
1212	10/3/2012 6:01:33	15.02	50.21	32.92	6.36	7.95	10.1	2.525	77.2
1213	10/3/2012 6:16:33	15.25	50.21	32.92	6.38	7.96	12.8	2.440	77.9
1214	10/3/2012 6:31:33	15.27	50.20	32.92	6.38	7.96	9.1	2.391	77.9
1215	10/3/2012 6:46:33	15.32	50.19	32.91	6.48	7.98	8.7	2.326	79.2
1216	10/3/2012 7:01:33	15.33	50.18	32.90	6.51	7.98	7.8	2.275	79.5
1217	10/3/2012 7:16:33	15.47	50.19	32.91	6.51	7.98	7.0	2.225	79.8
1218	10/3/2012 7:31:33	15.40	50.20	32.92	6.51	7.98	6.5	2.190	79.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1219	10/3/2012 7:46:33	15.47	50.19	32.91	6.56	7.99	5.6	2.171	80.4
1220	10/3/2012 8:01:33	15.73	50.20	32.92	6.71	8.02	10.1	2.152	82.6
1221	10/3/2012 8:16:33	15.86	50.19	32.92	6.74	8.03	3.6	2.152	83.1
1222	10/3/2012 8:31:33	15.79	50.20	32.93	6.84	8.03	6.9	2.167	84.4
1223	10/3/2012 8:46:33	15.71	50.19	32.92	6.79	8.02	4.7	2.216	83.5
1224	10/3/2012 9:01:33	15.79	50.17	32.90	6.87	8.03	4.6	2.257	84.7
1225	10/3/2012 9:16:33	15.75	50.19	32.92	6.86	8.02	5.0	2.311	84.4
1226	10/3/2012 9:31:33	15.65	50.18	32.91	6.79	8.01	5.9	2.385	83.4
1227	10/3/2012 9:46:33	15.55	50.18	32.91	6.73	8.00	6.0	2.456	82.5
1228	10/3/2012 10:01:33	15.44	50.19	32.91	6.68	7.99	5.7	2.525	81.8
1229	10/3/2012 10:16:33	15.24	50.19	32.91	6.60	7.97	5.8	2.595	80.5
1230	10/3/2012 10:31:33	15.02	50.18	32.90	6.52	7.96	7.3	2.654	79.1
1231	10/3/2012 10:46:33	14.80	50.19	32.90	6.54	7.95	7.6	2.742	79.1
1232	10/3/2012 11:01:33	14.63	50.20	32.90	6.60	7.95	6.6	2.815	79.5
1233	10/3/2012 11:16:33	14.52	50.20	32.90	6.63	7.95	5.8	2.885	79.7
1234	10/3/2012 11:31:33	14.35	50.20	32.89	6.64	7.95	6.1	2.971	79.6
1235	10/3/2012 11:46:33	14.06	50.20	32.88	6.63	7.94	6.8	3.047	78.9
1236	10/3/2012 12:01:33	13.70	50.24	32.90	6.58	7.93	7.0	3.133	77.7
1237	10/3/2012 12:16:33	13.42	50.26	32.90	6.55	7.92	6.5	3.217	77.0
1238	10/3/2012 12:31:33	13.20	50.26	32.90	6.55	7.91	7.5	3.301	76.6
1239	10/3/2012 12:46:33	12.72	50.29	32.90	6.55	7.90	7.1	3.369	75.9
1240	10/3/2012 13:01:33	12.40	50.31	32.90	6.58	7.90	6.7	3.441	75.8
1241	10/3/2012 13:16:33	12.08	50.32	32.89	6.66	7.90	5.4	3.503	76.1
1242	10/3/2012 13:31:33	11.88	50.34	32.89	6.76	7.90	4.3	3.569	76.9
1243	10/3/2012 13:46:33	11.74	50.34	32.89	6.83	7.90	3.6	3.598	77.5
1244	10/3/2012 14:01:33	11.72	50.34	32.89	6.84	7.90	3.4	3.621	77.6
1245	10/3/2012 14:16:33	12.13	50.34	32.91	6.75	7.91	3.4	3.632	77.2
1246	10/3/2012 14:31:33	11.83	50.34	32.89	6.73	7.90	3.6	3.632	76.5
1247	10/3/2012 14:46:33	11.78	50.34	32.89	6.79	7.90	3.6	3.595	77.1
1248	10/3/2012 15:01:33	11.88	50.33	32.89	6.76	7.90	4.5	3.549	76.9
1249	10/3/2012 15:16:33	13.70	50.23	32.89	7.18	7.99	11.2	3.488	84.9
1250	10/3/2012 15:31:33	13.65	50.26	32.91	7.22	7.99	23.9	3.418	85.2
1251	10/3/2012 15:46:33	13.97	50.24	32.91	7.53	8.02	7.4	3.340	89.5
1252	10/3/2012 16:01:33	14.15	50.23	32.91	7.25	8.01	7.3	3.240	86.5
1253	10/3/2012 16:16:33	14.36	50.23	32.91	7.31	8.01	7.2	3.142	87.5
1254	10/3/2012 16:31:33	14.57	50.22	32.91	7.23	8.02	7.8	3.059	87.0
1255	10/3/2012 16:46:33	14.71	50.22	32.92	7.32	8.02	6.8	2.959	88.3
1256	10/3/2012 17:01:33	15.15	50.20	32.91	7.57	8.05	13.9	2.846	92.1
1257	10/3/2012 17:16:33	15.40	50.20	32.92	7.64	8.06	24.9	2.748	93.5
1258	10/3/2012 17:31:33	15.59	50.20	32.92	7.80	8.07	23.7	2.645	95.8
1259	10/3/2012 17:46:33	15.48	50.19	32.91	8.16	8.11	11.5	2.525	100.0
1260	10/3/2012 18:01:33	15.60	50.19	32.92	7.75	8.08	8.6	2.424	95.1
1261	10/3/2012 18:16:33	15.48	50.20	32.92	7.87	8.08	26.0	2.305	96.4
1262	10/3/2012 18:31:33	15.11	50.22	32.93	7.83	8.07	24.6	2.211	95.2
1263	10/3/2012 18:46:33	15.52	50.21	32.92	7.81	8.08	14.5	2.097	95.7
1264	10/3/2012 19:01:33	15.62	50.21	32.93	7.76	8.08	14.1	1.975	95.3
1265	10/3/2012 19:16:33	15.72	50.20	32.92	7.71	8.08	7.5	1.879	94.9
1266	10/3/2012 19:31:33	15.98	50.20	32.93	7.75	8.09	7.2	1.768	95.9
1267	10/3/2012 19:46:33	16.02	50.21	32.93	7.65	8.09	7.1	1.681	94.7
1268	10/3/2012 20:01:33	16.22	50.20	32.94	7.68	8.10	6.6	1.609	95.5
1269	10/3/2012 20:16:33	16.37	50.20	32.94	7.79	8.11	6.1	1.535	97.1
1270	10/3/2012 20:31:33	16.63	50.20	32.94	7.91	8.13	5.3	1.517	99.1
1271	10/3/2012 20:46:33	16.86	50.20	32.94	8.10	8.15	4.5	1.501	102.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%
			mS/cm		mg/L	pH	NTU		
1272	10/3/2012 21:01:33	16.61	50.20	32.94	7.92	8.13	4.7	1.494	99.2
1273	10/3/2012 21:16:33	17.00	50.21	32.95	8.36	8.18	3.8	1.537	105.6
1274	10/3/2012 21:31:33	16.88	50.18	32.93	8.26	8.17	3.7	1.578	104.1
1275	10/3/2012 21:46:33	16.94	50.21	32.95	8.46	8.18	4.2	1.651	106.7
1276	10/3/2012 22:01:33	16.85	50.21	32.95	8.40	8.18	4.5	1.721	105.8
1277	10/3/2012 22:16:33	16.84	50.15	32.91	8.07	8.15	6.0	1.803	101.5
1278	10/3/2012 22:31:33	16.94	50.01	32.80	7.49	8.09	8.5	1.881	94.4
1279	10/3/2012 22:46:33	16.89	50.09	32.86	7.71	8.11	7.3	1.956	97.1
1280	10/3/2012 23:01:33	16.72	50.12	32.88	7.73	8.11	6.1	2.043	97.0
1281	10/3/2012 23:16:33	16.65	50.13	32.89	7.73	8.11	6.1	2.126	96.9
1282	10/3/2012 23:31:33	16.56	50.15	32.90	7.74	8.11	5.9	2.198	96.9
1283	10/3/2012 23:46:33	16.45	50.16	32.91	7.73	8.10	6.0	2.276	96.5
1284	10/4/2012 0:01:33	16.16	50.17	32.91	7.47	8.07	6.2	2.354	92.8
1285	10/4/2012 0:16:33	16.00	50.18	32.92	7.27	8.05	6.0	2.442	90.0
1286	10/4/2012 0:31:33	15.91	50.17	32.90	7.14	8.03	6.2	2.510	88.2
1287	10/4/2012 0:46:33	15.76	50.19	32.91	7.06	8.02	6.2	2.595	87.0
1288	10/4/2012 1:01:33	15.54	50.19	32.92	7.01	8.01	6.2	2.677	86.0
1289	10/4/2012 1:16:33	15.36	50.16	32.89	6.97	8.01	5.9	2.737	85.2
1290	10/4/2012 1:31:33	15.20	50.19	32.91	6.92	8.00	6.0	2.812	84.4
1291	10/4/2012 1:46:33	15.02	50.19	32.90	6.88	7.99	6.4	2.881	83.5
1292	10/4/2012 2:01:33	14.77	50.19	32.89	6.84	7.98	6.1	2.955	82.6
1293	10/4/2012 2:16:33	14.42	50.18	32.88	6.81	7.97	6.4	3.018	81.7
1294	10/4/2012 2:31:33	14.17	50.20	32.89	6.79	7.96	5.7	3.069	81.1
1295	10/4/2012 2:46:33	13.90	50.21	32.88	6.80	7.96	5.0	3.128	80.7
1296	10/4/2012 3:01:33	13.68	50.23	32.89	6.81	7.95	4.4	3.171	80.4
1297	10/4/2012 3:16:33	13.50	50.23	32.89	6.80	7.95	4.2	3.214	80.0
1298	10/4/2012 3:31:33	13.34	50.23	32.88	6.78	7.94	3.6	3.220	79.6
1299	10/4/2012 3:46:33	13.48	50.25	32.90	6.71	7.95	4.3	3.219	78.9
1300	10/4/2012 4:01:33	13.37	50.25	32.89	6.74	7.94	4.2	3.217	79.1
1301	10/4/2012 4:16:33	13.37	50.23	32.88	6.75	7.94	4.4	3.179	79.2
1302	10/4/2012 4:31:33	13.85	50.22	32.89	6.65	7.95	6.8	3.134	78.8
1303	10/4/2012 4:46:33	14.22	50.21	32.89	6.53	7.95	9.5	3.082	78.1
1304	10/4/2012 5:01:33	14.35	50.22	32.90	6.44	7.95	11.2	3.020	77.2
1305	10/4/2012 5:16:33	14.42	50.20	32.89	6.43	7.95	10.9	2.956	77.1
1306	10/4/2012 5:31:33	14.48	50.20	32.90	6.38	7.95	10.1	2.888	76.6
1307	10/4/2012 5:46:33	14.49	50.20	32.90	6.34	7.94	11.2	2.810	76.2
1308	10/4/2012 6:01:33	14.55	50.21	32.91	6.35	7.94	10.6	2.761	76.4
1309	10/4/2012 6:16:33	14.63	50.23	32.92	6.33	7.94	11.4	2.692	76.3
1310	10/4/2012 6:31:33	14.53	50.23	32.92	6.36	7.94	11.3	2.634	76.4
1311	10/4/2012 6:46:33	14.82	50.22	32.92	6.35	7.95	11.0	2.572	76.8
1312	10/4/2012 7:01:33	14.96	50.20	32.91	6.32	7.96	9.3	2.534	76.6
1313	10/4/2012 7:16:33	15.19	50.22	32.93	6.39	7.97	8.9	2.484	77.9
1314	10/4/2012 7:31:33	15.20	50.22	32.93	6.45	7.98	7.8	2.433	78.5
1315	10/4/2012 7:46:33	15.38	50.22	32.93	6.49	7.98	6.8	2.408	79.4
1316	10/4/2012 8:01:33	15.53	50.22	32.94	6.59	8.00	5.5	2.378	80.8
1317	10/4/2012 8:16:33	15.75	50.19	32.92	6.68	8.02	7.8	2.360	82.3
1318	10/4/2012 8:31:33	15.86	50.19	32.92	6.74	8.03	4.5	2.345	83.1
1319	10/4/2012 8:46:33	15.92	50.19	32.92	6.73	8.04	6.3	2.359	83.2
1320	10/4/2012 9:01:33	15.84	50.20	32.93	6.78	8.03	4.2	2.378	83.6
1321	10/4/2012 9:16:33	15.79	50.19	32.92	6.73	8.03	4.4	2.395	82.9
1322	10/4/2012 9:31:33	15.71	50.20	32.93	6.69	8.02	4.7	2.430	82.3
1323	10/4/2012 9:46:33	15.70	50.20	32.92	6.71	8.02	4.8	2.471	82.6
1324	10/4/2012 10:01:33	15.63	50.20	32.92	6.66	8.01	5.6	2.536	81.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1325	10/4/2012 10:16:33	15.49	50.21	32.92	6.62	8.00	5.9	2.591	81.1
1326	10/4/2012 10:31:33	15.41	50.19	32.91	6.60	7.99	5.6	2.652	80.8
1327	10/4/2012 10:46:33	15.25	50.17	32.89	6.61	7.99	5.8	2.719	80.6
1328	10/4/2012 11:01:33	15.13	50.20	32.91	6.57	7.98	5.7	2.787	79.9
1329	10/4/2012 11:16:33	14.96	50.19	32.90	6.52	7.97	8.9	2.856	79.0
1330	10/4/2012 11:31:33	14.70	50.20	32.90	6.56	7.97	6.7	2.916	79.2
1331	10/4/2012 11:46:33	14.44	50.21	32.90	6.60	7.96	5.3	2.996	79.2
1332	10/4/2012 12:01:33	14.26	50.22	32.90	6.60	7.96	5.4	3.069	78.9
1333	10/4/2012 12:16:33	14.12	50.23	32.90	6.61	7.95	6.7	3.132	78.8
1334	10/4/2012 12:31:33	13.93	50.22	32.89	6.63	7.95	5.2	3.205	78.7
1335	10/4/2012 12:46:33	13.53	50.25	32.90	6.60	7.94	5.2	3.277	77.7
1336	10/4/2012 13:01:33	13.26	50.25	32.89	6.56	7.93	5.1	3.345	76.8
1337	10/4/2012 13:16:33	13.05	50.27	32.90	6.54	7.92	6.8	3.408	76.3
1338	10/4/2012 13:31:33	12.85	50.27	32.89	6.53	7.92	5.0	3.471	75.9
1339	10/4/2012 13:46:33	12.53	50.29	32.89	6.56	7.92	4.7	3.513	75.6
1340	10/4/2012 14:01:33	12.38	50.30	32.89	6.57	7.91	3.9	3.556	75.6
1341	10/4/2012 14:16:33	12.30	50.31	32.89	6.59	7.92	3.5	3.588	75.7
1342	10/4/2012 14:31:33	12.27	50.30	32.89	6.55	7.92	4.5	3.613	75.2
1343	10/4/2012 14:46:33	12.51	50.34	32.93	6.48	7.92	4.0	3.617	74.8
	Mean	14.55	50.18	32.88	7.47	7.98	7.64	2.62	89.87
	Minimum	11.50	49.59	32.41	6.09	7.84	2.40	1.31	69.00
	Maximum	17.14	50.40	33.07	9.25	8.18	189.50	3.85	115.00

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	10/4/2012 15:30:50	12.47	50.66	33.16	8.26	7.92	3.3	3.653	95.3
1	10/4/2012 15:45:49	13.24	50.41	33.01	8.49	7.95	4.2	3.593	99.4
2	10/4/2012 16:00:50	13.88	50.61	33.18	8.87	8.00	4.7	3.533	105.4
3	10/4/2012 16:15:50	14.08	50.70	33.25	9.19	8.03	4.6	3.455	109.7
4	10/4/2012 16:30:49	14.20	50.53	33.13	9.47	8.05	5.3	3.369	113.3
5	10/4/2012 16:45:50	14.38	50.78	33.31	9.35	8.04	5.4	3.286	112.3
6	10/4/2012 17:00:50	14.57	50.59	33.18	9.26	8.05	5.5	3.197	111.6
7	10/4/2012 17:15:50	14.58	50.79	33.33	9.54	8.07	5.8	3.098	115.1
8	10/4/2012 17:30:50	14.96	50.82	33.36	9.39	8.06	5.4	3.004	114.2
9	10/4/2012 17:45:50	15.23	50.66	33.25	9.38	8.07	6.6	2.912	114.6
10	10/4/2012 18:00:50	15.41	50.79	33.35	9.50	8.08	7.0	2.807	116.5
11	10/4/2012 18:15:50	15.42	50.42	33.08	9.42	8.07	7.0	2.714	115.3
12	10/4/2012 18:30:50	15.34	50.84	33.38	9.34	8.07	7.6	2.612	114.4
13	10/4/2012 18:45:50	15.10	50.82	33.37	9.08	8.05	7.9	2.505	110.7
14	10/4/2012 19:00:50	15.27	50.78	33.34	9.03	8.05	7.7	2.396	110.4
15	10/4/2012 19:15:50	15.10	50.83	33.37	9.04	8.05	7.9	2.296	110.3
16	10/4/2012 19:30:50	15.14	50.80	33.35	8.88	8.04	8.1	2.182	108.3
17	10/4/2012 19:45:50	15.27	50.91	33.43	8.79	8.04	7.0	2.087	107.6
18	10/4/2012 20:00:50	15.44	50.75	33.32	8.78	8.04	6.8	2.000	107.7
19	10/4/2012 20:15:50	15.57	50.84	33.39	8.75	8.05	6.5	1.909	107.8
20	10/4/2012 20:30:50	15.81	51.02	33.53	8.84	8.06	6.4	1.833	109.4
21	10/4/2012 20:45:50	15.94	50.88	33.43	8.94	8.07	6.1	1.784	110.8
22	10/4/2012 21:00:50	16.12	50.73	33.32	9.05	8.08	5.2	1.750	112.6
23	10/4/2012 21:15:50	16.23	50.98	33.51	9.13	8.10	4.9	1.713	113.9
24	10/4/2012 21:30:50	16.55	50.96	33.49	9.46	8.14	4.3	1.712	118.8
25	10/4/2012 21:45:50	16.20	51.06	33.56	9.10	8.10	4.6	1.738	113.6
26	10/4/2012 22:00:50	16.34	50.95	33.49	9.29	8.11	4.2	1.766	116.2
27	10/4/2012 22:15:50	16.47	50.97	33.50	9.52	8.13	4.0	1.807	119.4
28	10/4/2012 22:30:50	16.55	51.02	33.54	9.73	8.15	3.9	1.870	122.2
29	10/4/2012 22:45:50	16.54	51.01	33.53	9.77	8.16	4.0	1.951	122.6
30	10/4/2012 23:00:50	16.51	50.94	33.48	9.49	8.13	5.3	2.016	119.1
31	10/4/2012 23:15:50	16.57	50.89	33.45	8.94	8.08	7.2	2.073	112.2
32	10/4/2012 23:30:50	16.56	50.88	33.44	8.93	8.08	6.7	2.155	112.1
33	10/4/2012 23:45:50	16.41	50.93	33.47	9.23	8.10	5.9	2.227	115.5
34	10/5/2012 0:00:50	16.34	50.87	33.43	9.18	8.10	5.5	2.283	114.7
35	10/5/2012 0:15:50	16.25	50.83	33.40	9.16	8.09	5.3	2.366	114.2
36	10/5/2012 0:30:50	16.17	50.96	33.49	9.17	8.09	5.3	2.431	114.3
37	10/5/2012 0:45:50	16.02	50.85	33.40	9.08	8.08	5.3	2.502	112.8
38	10/5/2012 1:00:50	15.91	51.12	33.60	8.94	8.06	5.1	2.575	111.0
39	10/5/2012 1:15:50	15.84	50.84	33.40	8.84	8.05	5.3	2.641	109.4
40	10/5/2012 1:30:50	15.71	51.13	33.61	8.74	8.04	5.6	2.713	108.1
41	10/5/2012 1:45:50	15.54	51.08	33.57	8.68	8.03	5.3	2.776	106.8
42	10/5/2012 2:00:50	15.38	50.94	33.46	8.64	8.02	5.2	2.842	106.0
43	10/5/2012 2:15:50	15.21	51.07	33.55	8.61	8.01	4.9	2.908	105.3
44	10/5/2012 2:30:50	15.07	51.02	33.51	8.57	8.01	5.2	2.967	104.5
45	10/5/2012 2:45:50	14.96	51.06	33.54	8.53	8.00	4.7	3.024	103.8
46	10/5/2012 3:00:50	14.83	51.10	33.56	8.50	8.00	4.7	3.081	103.3
47	10/5/2012 3:15:50	14.53	51.14	33.58	8.50	7.99	5.3	3.127	102.6
48	10/5/2012 3:30:50	14.36	51.08	33.54	8.48	7.99	4.5	3.173	101.9
49	10/5/2012 3:45:50	14.25	51.07	33.53	8.47	7.99	4.1	3.217	101.6
50	10/5/2012 4:00:50	14.17	51.16	33.59	8.43	7.98	4.3	3.234	101.1
51	10/5/2012 4:15:50	14.06	51.11	33.55	8.33	7.98	3.1	3.256	99.6
52	10/5/2012 4:30:50	14.32	51.10	33.55	8.35	7.98	4.2	3.270	100.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	10/5/2012 4:45:50	14.22	51.20	33.62	8.29	7.98	4.9	3.253	99.5
54	10/5/2012 5:00:50	14.19	51.11	33.55	8.29	7.98	3.9	3.225	99.3
55	10/5/2012 5:15:50	14.38	51.18	33.61	8.31	7.98	4.3	3.203	100.0
56	10/5/2012 5:30:50	14.93	51.08	33.55	8.18	7.99	5.9	3.151	99.5
57	10/5/2012 5:45:50	15.07	51.23	33.66	8.13	7.99	6.2	3.091	99.3
58	10/5/2012 6:00:50	15.23	51.14	33.60	7.91	7.98	7.5	3.042	96.9
59	10/5/2012 6:15:50	15.29	51.06	33.55	7.24	7.93	9.5	2.979	88.7
60	10/5/2012 6:30:50	15.21	51.17	33.63	7.21	7.92	9.0	2.924	88.2
61	10/5/2012 6:45:50	15.23	51.11	33.58	7.56	7.95	7.5	2.862	92.5
62	10/5/2012 7:00:50	15.23	51.11	33.58	7.49	7.94	7.6	2.802	91.7
63	10/5/2012 7:15:50	15.28	51.09	33.57	7.66	7.96	7.2	2.764	93.9
64	10/5/2012 7:30:50	15.32	51.26	33.70	7.71	7.97	6.6	2.713	94.6
65	10/5/2012 7:45:50	15.42	51.14	33.61	7.70	7.97	6.5	2.670	94.6
66	10/5/2012 8:00:50	15.43	51.14	33.61	7.69	7.97	6.5	2.641	94.5
67	10/5/2012 8:15:50	15.38	51.26	33.70	7.77	7.97	6.5	2.605	95.5
68	10/5/2012 8:30:50	15.56	51.22	33.67	7.89	8.00	5.5	2.589	97.2
69	10/5/2012 8:45:50	15.63	51.25	33.70	8.04	8.01	4.9	2.571	99.3
70	10/5/2012 9:00:50	15.72	51.17	33.64	8.12	8.02	4.3	2.561	100.4
71	10/5/2012 9:15:50	15.74	51.06	33.56	8.17	8.02	4.2	2.563	101.0
72	10/5/2012 9:30:50	15.74	50.90	33.44	8.27	8.03	3.9	2.590	102.1
73	10/5/2012 9:45:50	15.72	51.06	33.56	8.15	8.02	4.2	2.603	100.7
74	10/5/2012 10:00:50	15.69	51.21	33.67	8.20	8.02	4.7	2.623	101.3
75	10/5/2012 10:15:50	15.66	51.26	33.70	8.26	8.02	4.7	2.667	102.0
76	10/5/2012 10:30:50	15.58	51.20	33.66	8.29	8.01	4.7	2.708	102.2
77	10/5/2012 10:45:50	15.53	51.15	33.62	8.26	8.01	5.2	2.752	101.8
78	10/5/2012 11:00:50	15.48	51.21	33.66	8.20	8.00	5.6	2.802	100.9
79	10/5/2012 11:15:50	15.39	51.28	33.71	8.18	8.00	5.0	2.853	100.6
80	10/5/2012 11:30:50	15.35	51.18	33.63	8.18	7.99	4.8	2.912	100.4
81	10/5/2012 11:45:50	15.22	51.19	33.64	8.13	7.99	5.1	2.973	99.5
82	10/5/2012 12:00:50	14.70	51.20	33.63	8.05	7.97	5.9	3.019	97.6
83	10/5/2012 12:15:50	14.59	51.30	33.70	8.14	7.97	5.1	3.081	98.5
84	10/5/2012 12:30:50	14.45	51.22	33.64	8.29	7.98	4.3	3.146	99.9
85	10/5/2012 12:45:50	14.14	51.28	33.68	8.28	7.97	4.0	3.201	99.2
86	10/5/2012 13:00:50	14.06	51.31	33.69	8.29	7.97	4.0	3.262	99.2
87	10/5/2012 13:15:50	13.82	51.19	33.60	8.32	7.97	4.3	3.326	99.0
88	10/5/2012 13:30:50	13.52	51.32	33.69	8.30	7.96	3.8	3.377	98.2
89	10/5/2012 13:45:50	13.29	51.35	33.70	8.32	7.96	3.7	3.431	98.0
90	10/5/2012 14:00:50	13.10	51.23	33.60	8.34	7.95	3.4	3.481	97.8
91	10/5/2012 14:15:50	12.99	51.33	33.67	8.36	7.95	3.3	3.530	97.8
92	10/5/2012 14:30:50	12.86	51.21	33.57	8.37	7.95	3.4	3.567	97.7
93	10/5/2012 14:45:50	12.75	51.32	33.65	8.35	7.95	3.3	3.594	97.2
94	10/5/2012 15:00:50	12.63	51.39	33.70	8.37	7.95	3.3	3.624	97.3
95	10/5/2012 15:15:50	12.61	51.30	33.63	8.36	7.95	2.9	3.638	97.0
96	10/5/2012 15:30:50	12.68	51.33	33.65	8.31	7.94	3.0	3.635	96.6
97	10/5/2012 15:45:50	12.73	51.38	33.69	8.30	7.94	3.0	3.634	96.6
98	10/5/2012 16:00:50	12.76	51.36	33.68	8.28	7.94	3.1	3.610	96.4
99	10/5/2012 16:15:50	12.88	51.33	33.67	8.27	7.95	3.6	3.570	96.6
100	10/5/2012 16:30:50	13.15	51.33	33.68	8.31	7.96	3.6	3.522	97.6
101	10/5/2012 16:45:50	13.67	51.33	33.70	8.52	7.98	3.5	3.460	101.1
102	10/5/2012 17:00:50	14.05	51.30	33.69	8.83	8.01	4.4	3.384	105.6
103	10/5/2012 17:15:50	14.50	51.28	33.69	9.21	8.05	5.6	3.306	111.2
104	10/5/2012 17:30:50	14.82	51.25	33.67	9.61	8.08	5.2	3.221	116.7
105	10/5/2012 17:45:50	15.05	51.17	33.62	9.62	8.09	5.2	3.139	117.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	10/5/2012 18:00:50	15.18	51.21	33.66	9.71	8.09	5.5	3.042	118.8
107	10/5/2012 18:15:50	15.37	51.27	33.70	9.67	8.10	6.5	2.959	118.7
108	10/5/2012 18:30:50	15.47	51.27	33.70	9.90	8.11	6.2	2.864	121.8
109	10/5/2012 18:45:50	15.48	51.13	33.60	9.94	8.11	6.7	2.778	122.3
110	10/5/2012 19:00:50	15.49	51.32	33.74	9.65	8.10	6.9	2.681	118.8
111	10/5/2012 19:15:50	15.74	51.31	33.74	9.41	8.09	7.2	2.584	116.5
112	10/5/2012 19:30:50	15.57	51.33	33.75	9.25	8.08	7.8	2.483	114.0
113	10/5/2012 19:45:50	15.53	51.31	33.74	9.13	8.07	7.8	2.386	112.5
114	10/5/2012 20:00:50	15.53	51.32	33.74	8.95	8.06	7.6	2.288	110.3
115	10/5/2012 20:15:50	15.62	51.32	33.74	8.92	8.06	7.5	2.186	110.1
116	10/5/2012 20:30:50	15.73	51.29	33.72	8.92	8.06	6.6	2.104	110.4
117	10/5/2012 20:45:50	15.74	51.14	33.61	8.80	8.05	6.0	2.019	108.9
118	10/5/2012 21:00:50	16.06	51.28	33.72	8.91	8.08	5.6	1.936	111.0
119	10/5/2012 21:15:50	16.12	51.37	33.79	8.91	8.08	5.0	1.881	111.1
120	10/5/2012 21:30:50	16.26	51.32	33.76	9.01	8.09	4.6	1.837	112.6
121	10/5/2012 21:45:50	16.42	51.30	33.75	9.16	8.10	4.7	1.792	114.9
122	10/5/2012 22:00:50	16.65	51.21	33.68	9.41	8.13	3.9	1.786	118.5
123	10/5/2012 22:15:50	16.63	51.37	33.80	9.32	8.13	3.6	1.793	117.5
124	10/5/2012 22:30:50	16.74	51.34	33.78	9.64	8.15	3.3	1.795	121.7
125	10/5/2012 22:45:50	16.79	51.42	33.84	9.81	8.16	3.2	1.825	124.0
126	10/5/2012 23:00:50	16.74	51.33	33.77	9.77	8.16	3.4	1.885	123.3
127	10/5/2012 23:15:50	16.77	51.37	33.80	9.88	8.17	3.5	1.917	124.7
128	10/5/2012 23:30:50	16.73	51.36	33.79	9.86	8.16	3.6	1.985	124.4
129	10/5/2012 23:45:50	16.77	51.28	33.74	9.43	8.12	5.1	2.043	119.1
130	10/6/2012 0:00:50	16.83	51.18	33.66	9.06	8.09	6.2	2.099	114.5
131	10/6/2012 0:15:50	16.78	51.18	33.66	9.06	8.09	5.6	2.171	114.3
132	10/6/2012 0:30:50	16.68	51.23	33.70	9.17	8.10	5.4	2.222	115.5
133	10/6/2012 0:45:50	16.55	51.27	33.72	9.24	8.10	4.8	2.285	116.2
134	10/6/2012 1:00:50	16.46	51.33	33.77	9.23	8.10	4.6	2.345	115.9
135	10/6/2012 1:15:50	16.38	51.25	33.70	9.21	8.10	5.0	2.404	115.4
136	10/6/2012 1:30:50	16.28	51.25	33.70	9.19	8.09	4.5	2.469	114.9
137	10/6/2012 1:45:50	16.15	51.24	33.69	9.07	8.08	4.9	2.528	113.1
138	10/6/2012 2:00:50	15.97	51.28	33.72	8.85	8.06	4.7	2.597	110.0
139	10/6/2012 2:15:50	15.92	51.25	33.70	8.79	8.05	4.9	2.663	109.1
140	10/6/2012 2:30:50	15.83	51.18	33.65	8.72	8.04	4.9	2.719	108.0
141	10/6/2012 2:45:50	15.72	51.29	33.72	8.67	8.04	4.8	2.776	107.2
142	10/6/2012 3:00:50	15.61	51.31	33.74	8.66	8.03	4.7	2.833	106.9
143	10/6/2012 3:15:50	15.51	51.32	33.74	8.61	8.03	4.6	2.886	106.1
144	10/6/2012 3:30:50	15.39	51.35	33.76	8.58	8.02	4.5	2.936	105.4
145	10/6/2012 3:45:50	15.21	51.28	33.71	8.53	8.01	4.2	2.982	104.5
146	10/6/2012 4:00:50	15.09	51.22	33.66	8.51	8.01	4.0	3.030	103.9
147	10/6/2012 4:15:50	14.99	51.26	33.68	8.48	8.00	4.0	3.065	103.3
148	10/6/2012 4:30:50	14.79	51.37	33.76	8.48	8.00	4.2	3.110	103.0
149	10/6/2012 4:45:50	14.64	51.29	33.69	8.46	7.99	3.9	3.139	102.4
150	10/6/2012 5:00:50	14.77	51.12	33.58	8.38	7.99	4.2	3.151	101.6
151	10/6/2012 5:15:50	14.53	51.24	33.66	8.33	7.98	3.3	3.181	100.5
152	10/6/2012 5:30:50	14.69	51.28	33.69	8.31	7.99	5.0	3.175	100.7
153	10/6/2012 5:45:50	14.50	51.28	33.69	8.29	7.98	4.2	3.161	100.1
154	10/6/2012 6:00:50	14.55	51.32	33.71	8.32	7.98	4.1	3.136	100.5
155	10/6/2012 6:15:50	14.72	51.19	33.63	8.31	7.99	4.3	3.105	100.7
156	10/6/2012 6:30:50	15.18	51.24	33.67	8.09	7.99	6.3	3.067	98.9
157	10/6/2012 6:45:50	15.40	51.34	33.75	7.83	7.98	7.9	3.016	96.2
158	10/6/2012 7:00:50	15.43	51.31	33.73	7.87	7.98	8.1	2.961	96.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	10/6/2012 7:15:50	15.40	51.36	33.77	7.93	7.98	7.6	2.918	97.5
160	10/6/2012 7:30:50	15.38	51.33	33.75	7.90	7.98	6.7	2.860	97.1
161	10/6/2012 7:45:50	15.44	51.25	33.69	7.86	7.97	6.5	2.817	96.7
162	10/6/2012 8:00:50	15.42	51.28	33.71	7.74	7.96	8.1	2.770	95.2
163	10/6/2012 8:15:50	15.42	51.29	33.71	7.69	7.96	7.5	2.738	94.6
164	10/6/2012 8:30:50	15.50	51.29	33.72	7.79	7.97	6.8	2.707	96.0
165	10/6/2012 8:45:50	15.61	51.30	33.73	7.81	7.98	5.7	2.672	96.4
166	10/6/2012 9:00:50	15.71	51.26	33.70	7.85	7.99	5.4	2.652	97.0
167	10/6/2012 9:15:50	15.85	51.34	33.76	7.93	8.00	4.8	2.628	98.3
168	10/6/2012 9:30:50	15.93	51.26	33.71	7.92	8.00	4.5	2.614	98.3
169	10/6/2012 9:45:50	15.99	51.27	33.71	7.95	8.01	3.9	2.614	98.9
170	10/6/2012 10:00:50	16.01	51.25	33.70	8.08	8.01	4.2	2.628	100.5
171	10/6/2012 10:15:50	16.03	51.22	33.68	8.23	8.02	4.0	2.624	102.4
172	10/6/2012 10:30:50	16.00	51.22	33.67	8.29	8.02	4.5	2.640	103.1
173	10/6/2012 10:45:50	15.94	51.23	33.68	8.33	8.02	4.1	2.669	103.5
174	10/6/2012 11:00:50	15.88	51.24	33.69	8.34	8.02	4.1	2.700	103.5
175	10/6/2012 11:15:50	15.81	51.13	33.61	8.29	8.01	4.3	2.735	102.6
176	10/6/2012 11:30:50	15.75	51.17	33.63	8.30	8.01	4.6	2.776	102.6
177	10/6/2012 11:45:50	15.62	51.23	33.68	8.17	8.00	4.5	2.821	100.8
178	10/6/2012 12:00:50	15.52	51.21	33.66	8.17	8.00	4.5	2.864	100.7
179	10/6/2012 12:15:50	15.46	51.10	33.58	8.16	7.99	4.4	2.909	100.4
180	10/6/2012 12:30:50	15.36	51.29	33.72	8.14	7.99	4.7	2.965	100.0
181	10/6/2012 12:45:50	15.05	51.21	33.65	8.00	7.97	7.0	3.012	97.6
182	10/6/2012 13:00:50	14.77	51.26	33.68	8.07	7.97	5.4	3.064	97.9
183	10/6/2012 13:15:50	14.62	51.35	33.74	8.15	7.97	5.4	3.107	98.6
184	10/6/2012 13:30:50	14.38	51.30	33.70	8.28	7.97	4.5	3.167	99.8
185	10/6/2012 13:45:50	14.18	51.22	33.63	8.31	7.97	4.0	3.215	99.7
186	10/6/2012 14:00:50	14.05	51.19	33.60	8.32	7.97	3.9	3.259	99.5
187	10/6/2012 14:15:50	13.99	51.21	33.62	8.36	7.97	3.7	3.311	99.8
188	10/6/2012 14:30:50	13.86	51.14	33.56	8.39	7.97	3.6	3.359	99.8
189	10/6/2012 14:45:50	13.62	50.99	33.44	8.37	7.96	3.1	3.403	99.1
190	10/6/2012 15:00:50	13.48	51.26	33.63	8.36	7.96	3.2	3.433	98.8
191	10/6/2012 15:15:50	13.40	51.26	33.63	8.36	7.96	3.1	3.476	98.6
192	10/6/2012 15:30:50	13.30	51.14	33.54	8.35	7.95	2.8	3.500	98.3
193	10/6/2012 15:45:50	13.30	51.31	33.67	8.31	7.95	2.8	3.516	97.9
194	10/6/2012 16:00:50	13.42	51.25	33.63	8.30	7.95	3.2	3.514	98.0
195	10/6/2012 16:15:50	13.35	51.30	33.66	8.27	7.95	2.8	3.514	97.5
196	10/6/2012 16:30:50	13.35	51.15	33.56	8.29	7.95	3.1	3.504	97.7
197	10/6/2012 16:45:50	13.43	51.26	33.63	8.27	7.95	3.1	3.464	97.6
198	10/6/2012 17:00:50	13.53	51.25	33.63	8.26	7.95	3.4	3.416	97.7
199	10/6/2012 17:15:50	14.19	51.24	33.65	8.66	8.00	3.8	3.369	103.8
200	10/6/2012 17:30:50	14.63	51.21	33.64	8.83	8.02	4.6	3.314	106.8
201	10/6/2012 17:45:50	14.87	51.13	33.59	8.94	8.04	4.2	3.240	108.7
202	10/6/2012 18:00:50	15.04	51.20	33.64	8.96	8.04	4.5	3.173	109.3
203	10/6/2012 18:15:50	15.14	51.12	33.58	8.97	8.04	5.0	3.102	109.6
204	10/6/2012 18:30:50	15.32	51.22	33.66	8.95	8.05	4.8	3.032	109.8
205	10/6/2012 18:45:50	15.44	51.23	33.68	9.16	8.07	5.4	2.948	112.6
206	10/6/2012 19:00:50	15.56	51.26	33.70	9.27	8.07	6.1	2.879	114.3
207	10/6/2012 19:15:50	15.65	51.31	33.74	9.17	8.07	6.2	2.798	113.2
208	10/6/2012 19:30:50	15.76	51.30	33.74	9.03	8.06	6.9	2.712	111.8
209	10/6/2012 19:45:50	15.95	51.22	33.68	8.99	8.06	5.9	2.636	111.7
210	10/6/2012 20:00:50	15.85	51.29	33.73	8.87	8.05	6.7	2.554	110.0
211	10/6/2012 20:15:50	15.71	51.27	33.71	8.81	8.04	8.2	2.478	108.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	10/6/2012 20:30:50	15.72	51.34	33.76	8.58	8.03	7.6	2.374	106.2
213	10/6/2012 20:45:50	15.72	51.33	33.75	8.49	8.03	7.5	2.293	105.1
214	10/6/2012 21:00:50	15.85	51.36	33.78	8.56	8.04	6.1	2.219	106.2
215	10/6/2012 21:15:50	15.84	51.24	33.69	8.49	8.04	6.0	2.132	105.2
216	10/6/2012 21:30:50	15.94	51.29	33.73	8.56	8.04	5.9	2.053	106.4
217	10/6/2012 21:45:50	16.02	51.25	33.70	8.54	8.05	5.6	1.987	106.2
218	10/6/2012 22:00:50	16.08	51.32	33.76	8.56	8.05	5.0	1.926	106.7
219	10/6/2012 22:15:50	16.28	51.23	33.69	8.71	8.07	4.2	1.889	108.9
220	10/6/2012 22:30:50	16.41	51.33	33.77	8.77	8.08	4.0	1.852	110.0
221	10/6/2012 22:45:50	16.64	51.31	33.76	8.96	8.10	3.7	1.823	112.8
222	10/6/2012 23:00:50	16.65	51.31	33.75	8.97	8.10	3.6	1.835	113.1
223	10/6/2012 23:15:50	16.71	51.34	33.78	9.12	8.12	3.1	1.854	115.1
224	10/6/2012 23:30:50	16.76	51.22	33.69	9.23	8.12	2.9	1.869	116.5
225	10/6/2012 23:45:50	16.69	51.36	33.79	9.14	8.11	3.1	1.885	115.3
226	10/7/2012 0:00:50	16.77	51.28	33.74	9.22	8.12	3.5	1.947	116.4
227	10/7/2012 0:15:50	16.75	51.35	33.79	9.25	8.12	3.6	1.989	116.8
228	10/7/2012 0:30:50	16.71	51.30	33.75	9.22	8.12	3.6	2.037	116.3
229	10/7/2012 0:45:50	16.74	51.29	33.74	8.83	8.08	5.1	2.085	111.4
230	10/7/2012 1:00:50	16.73	51.28	33.73	8.79	8.07	4.8	2.126	110.9
231	10/7/2012 1:15:50	16.66	51.25	33.71	8.81	8.08	5.0	2.198	111.0
232	10/7/2012 1:30:50	16.61	51.18	33.66	8.83	8.08	5.0	2.248	111.1
233	10/7/2012 1:45:50	16.54	51.27	33.72	8.85	8.08	4.8	2.287	111.2
234	10/7/2012 2:00:50	16.49	51.26	33.71	8.84	8.08	4.5	2.348	111.0
235	10/7/2012 2:15:50	16.43	51.21	33.67	8.81	8.07	4.5	2.423	110.5
236	10/7/2012 2:30:50	16.28	51.28	33.72	8.71	8.06	5.6	2.473	108.9
237	10/7/2012 2:45:50	16.14	51.36	33.78	8.65	8.05	5.6	2.522	107.9
238	10/7/2012 3:00:50	15.92	51.32	33.75	8.53	8.03	5.2	2.589	105.9
239	10/7/2012 3:15:50	15.82	51.28	33.72	8.47	8.03	5.1	2.652	105.0
240	10/7/2012 3:30:50	15.71	51.27	33.71	8.46	8.02	5.0	2.701	104.6
241	10/7/2012 3:45:50	15.61	51.32	33.74	8.43	8.02	4.7	2.752	104.1
242	10/7/2012 4:00:50	15.49	51.34	33.76	8.42	8.01	4.6	2.805	103.7
243	10/7/2012 4:15:50	15.45	51.34	33.75	8.43	8.01	4.2	2.861	103.8
244	10/7/2012 4:30:50	15.31	51.29	33.72	8.44	8.01	4.3	2.902	103.5
245	10/7/2012 4:45:50	15.17	51.34	33.75	8.41	8.01	4.0	2.940	102.9
246	10/7/2012 5:00:50	15.09	51.25	33.68	8.37	8.00	3.9	2.995	102.3
247	10/7/2012 5:15:50	14.92	51.22	33.65	8.34	7.99	3.9	3.034	101.5
248	10/7/2012 5:30:50	14.82	51.34	33.74	8.30	7.99	4.1	3.058	100.9
249	10/7/2012 5:45:50	14.73	51.31	33.71	8.28	7.99	3.9	3.078	100.4
250	10/7/2012 6:00:50	14.53	51.16	33.60	8.23	7.98	3.3	3.104	99.3
251	10/7/2012 6:15:50	14.55	51.18	33.61	8.16	7.98	3.5	3.110	98.6
252	10/7/2012 6:30:50	14.68	51.20	33.64	8.11	7.98	4.0	3.109	98.2
253	10/7/2012 6:45:50	14.52	51.24	33.66	8.20	7.98	4.2	3.086	99.0
254	10/7/2012 7:00:50	14.64	51.23	33.65	8.18	7.98	4.0	3.065	98.9
255	10/7/2012 7:15:50	14.76	51.15	33.60	8.15	7.98	4.3	3.046	98.8
256	10/7/2012 7:30:50	14.99	51.28	33.70	8.06	7.98	5.3	2.999	98.2
257	10/7/2012 7:45:50	15.26	51.27	33.70	7.59	7.96	8.1	2.961	93.1
258	10/7/2012 8:00:50	15.26	51.33	33.74	7.25	7.94	8.7	2.921	88.9
259	10/7/2012 8:15:50	15.27	51.32	33.74	7.26	7.93	10.6	2.887	89.0
260	10/7/2012 8:30:50	15.25	51.31	33.73	7.36	7.94	7.8	2.836	90.2
261	10/7/2012 8:45:50	15.25	51.36	33.76	7.42	7.95	7.7	2.795	90.9
262	10/7/2012 9:00:50	15.21	51.33	33.74	7.56	7.95	7.0	2.766	92.6
263	10/7/2012 9:15:50	15.27	51.20	33.65	7.63	7.96	6.4	2.734	93.5
264	10/7/2012 9:30:50	15.40	51.31	33.73	7.75	7.97	5.5	2.701	95.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	10/7/2012 9:45:50	15.53	51.29	33.72	7.81	7.99	4.9	2.686	96.2
266	10/7/2012 10:00:50	15.60	51.37	33.78	7.82	7.99	6.8	2.658	96.6
267	10/7/2012 10:15:50	15.73	51.16	33.63	7.89	8.00	4.5	2.651	97.5
268	10/7/2012 10:30:50	15.81	51.32	33.75	7.90	8.00	4.0	2.637	97.9
269	10/7/2012 10:45:50	15.90	51.26	33.71	7.99	8.01	3.8	2.635	99.2
270	10/7/2012 11:00:50	15.88	51.31	33.74	7.90	8.00	3.7	2.630	98.0
271	10/7/2012 11:15:50	15.90	51.25	33.70	8.02	8.01	3.8	2.636	99.5
272	10/7/2012 11:30:50	15.82	51.24	33.69	8.09	8.01	4.1	2.660	100.2
273	10/7/2012 11:45:50	15.77	51.31	33.74	8.09	8.01	4.2	2.677	100.2
274	10/7/2012 12:00:50	15.71	51.38	33.79	8.09	8.01	4.3	2.703	100.0
275	10/7/2012 12:15:50	15.63	51.32	33.74	8.08	8.00	4.6	2.736	99.8
276	10/7/2012 12:30:50	15.59	51.35	33.77	8.07	8.00	4.7	2.775	99.6
277	10/7/2012 12:45:50	15.51	51.20	33.65	8.05	7.99	4.4	2.814	99.2
278	10/7/2012 13:00:50	15.44	51.29	33.72	8.07	7.99	4.3	2.857	99.3
279	10/7/2012 13:15:50	15.37	51.27	33.70	8.11	7.99	4.3	2.898	99.6
280	10/7/2012 13:30:50	15.29	51.26	33.69	8.13	7.99	4.3	2.937	99.7
281	10/7/2012 13:45:50	15.16	51.11	33.58	8.03	7.98	6.4	2.981	98.1
282	10/7/2012 14:00:50	14.72	51.16	33.61	7.97	7.96	7.1	3.029	96.6
283	10/7/2012 14:15:50	14.53	51.27	33.68	8.08	7.97	5.0	3.072	97.6
284	10/7/2012 14:30:50	14.42	51.28	33.68	8.16	7.97	4.2	3.117	98.4
285	10/7/2012 14:45:50	14.31	51.21	33.63	8.25	7.97	4.5	3.158	99.2
286	10/7/2012 15:00:50	14.19	51.29	33.68	8.33	7.97	5.0	3.205	99.9
287	10/7/2012 15:15:50	14.12	51.18	33.60	8.38	7.98	3.7	3.244	100.3
288	10/7/2012 15:30:50	14.05	51.25	33.65	8.39	7.98	3.4	3.280	100.4
289	10/7/2012 15:45:50	13.98	51.26	33.65	8.39	7.98	3.2	3.318	100.2
290	10/7/2012 16:00:50	13.90	51.28	33.67	8.39	7.97	3.1	3.353	100.0
291	10/7/2012 16:15:50	13.84	51.10	33.53	8.37	7.97	3.6	3.377	99.6
292	10/7/2012 16:30:50	13.77	51.24	33.63	8.34	7.97	3.1	3.395	99.1
293	10/7/2012 16:45:50	13.70	51.18	33.59	8.31	7.97	3.0	3.401	98.6
294	10/7/2012 17:00:50	13.67	51.17	33.58	8.29	7.96	2.8	3.417	98.4
295	10/7/2012 17:15:50	13.67	51.12	33.55	8.26	7.96	2.8	3.407	98.0
296	10/7/2012 17:30:50	13.69	51.07	33.50	8.26	7.96	3.2	3.390	98.0
297	10/7/2012 17:45:50	13.78	51.03	33.48	8.27	7.96	3.1	3.362	98.3
298	10/7/2012 18:00:50	13.92	51.13	33.56	8.26	7.97	3.2	3.325	98.5
299	10/7/2012 18:15:50	14.25	51.26	33.66	8.41	7.98	3.7	3.279	101.0
300	10/7/2012 18:30:50	14.53	51.24	33.66	8.64	8.01	4.0	3.223	104.4
301	10/7/2012 18:45:50	14.89	51.17	33.62	8.89	8.04	4.1	3.171	108.1
302	10/7/2012 19:00:50	15.05	51.13	33.59	8.96	8.04	4.8	3.101	109.3
303	10/7/2012 19:15:50	15.39	51.16	33.62	9.10	8.07	5.2	3.034	111.7
304	10/7/2012 19:30:50	15.53	51.26	33.70	9.34	8.08	5.6	2.969	115.1
305	10/7/2012 19:45:50	15.66	51.29	33.72	9.61	8.10	5.6	2.896	118.8
306	10/7/2012 20:00:50	15.55	51.23	33.68	9.57	8.10	5.7	2.831	117.9
307	10/7/2012 20:15:50	15.65	51.24	33.69	9.39	8.10	5.8	2.752	116.0
308	10/7/2012 20:30:50	15.66	51.23	33.68	9.35	8.08	6.3	2.675	115.5
309	10/7/2012 20:45:50	15.71	51.30	33.73	9.14	8.08	6.9	2.608	113.1
310	10/7/2012 21:00:50	15.66	51.19	33.65	8.92	8.06	6.7	2.526	110.1
311	10/7/2012 21:15:50	15.51	51.33	33.75	8.63	8.03	8.4	2.432	106.3
312	10/7/2012 21:30:50	15.70	51.33	33.75	8.71	8.04	6.9	2.355	107.7
313	10/7/2012 21:45:50	15.65	51.31	33.74	8.51	8.04	6.8	2.286	105.1
314	10/7/2012 22:00:50	15.77	51.32	33.75	8.53	8.04	6.5	2.195	105.7
315	10/7/2012 22:15:50	15.77	51.32	33.75	8.42	8.03	6.4	2.119	104.3
316	10/7/2012 22:30:50	15.99	51.39	33.81	8.57	8.05	5.1	2.070	106.6
317	10/7/2012 22:45:50	15.96	51.33	33.76	8.51	8.04	5.3	2.004	105.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	10/7/2012 23:00:50	16.20	51.33	33.76	8.73	8.07	4.3	1.955	109.1
319	10/7/2012 23:15:50	16.38	51.34	33.77	8.88	8.08	3.9	1.916	111.3
320	10/7/2012 23:30:50	16.47	51.34	33.77	8.94	8.09	3.6	1.902	112.3
321	10/7/2012 23:45:50	16.65	51.32	33.76	9.21	8.11	2.9	1.878	116.0
322	10/8/2012 0:00:50	16.65	51.34	33.78	9.18	8.11	3.2	1.867	115.6
323	10/8/2012 0:15:50	16.59	51.36	33.79	9.12	8.11	3.1	1.877	114.7
324	10/8/2012 0:30:50	16.66	51.25	33.71	9.32	8.12	2.9	1.907	117.4
325	10/8/2012 0:45:50	16.60	51.40	33.82	9.27	8.12	2.8	1.924	116.7
326	10/8/2012 1:00:50	16.62	51.37	33.80	9.33	8.12	3.2	1.963	117.5
327	10/8/2012 1:15:50	16.62	51.33	33.77	9.35	8.12	3.4	2.010	117.7
328	10/8/2012 1:30:50	16.58	51.31	33.75	9.31	8.12	3.9	2.052	117.1
329	10/8/2012 1:45:50	16.56	51.30	33.74	9.15	8.10	4.0	2.105	115.1
330	10/8/2012 2:00:50	16.59	51.20	33.67	8.82	8.07	5.5	2.150	111.0
331	10/8/2012 2:15:50	16.58	51.18	33.66	8.72	8.06	5.3	2.208	109.7
332	10/8/2012 2:30:50	16.56	51.18	33.66	8.77	8.07	5.6	2.259	110.2
333	10/8/2012 2:45:50	16.52	51.23	33.70	8.88	8.07	4.3	2.309	111.5
334	10/8/2012 3:00:50	16.47	51.23	33.70	8.94	8.08	4.7	2.366	112.2
335	10/8/2012 3:15:50	16.40	51.29	33.73	8.90	8.07	4.2	2.415	111.6
336	10/8/2012 3:30:50	16.22	51.27	33.72	8.82	8.06	5.3	2.477	110.1
337	10/8/2012 3:45:50	16.05	51.31	33.75	8.68	8.05	5.7	2.538	108.1
338	10/8/2012 4:00:50	15.89	51.27	33.71	8.54	8.03	5.6	2.594	106.0
339	10/8/2012 4:15:50	15.79	51.28	33.72	8.45	8.02	5.3	2.648	104.6
340	10/8/2012 4:30:50	15.66	51.30	33.73	8.40	8.02	4.5	2.702	103.7
341	10/8/2012 4:45:50	15.56	51.25	33.69	8.40	8.01	4.6	2.770	103.6
342	10/8/2012 5:00:50	15.46	51.32	33.74	8.41	8.01	4.6	2.816	103.5
343	10/8/2012 5:15:50	15.41	51.29	33.72	8.42	8.01	4.2	2.868	103.6
344	10/8/2012 5:30:50	15.31	51.28	33.71	8.43	8.01	4.2	2.921	103.4
345	10/8/2012 5:45:50	15.11	51.22	33.66	8.41	8.00	4.0	2.961	102.7
346	10/8/2012 6:00:50	15.01	51.15	33.60	8.37	8.00	4.0	3.005	102.0
347	10/8/2012 6:15:50	14.91	51.25	33.67	8.33	7.99	4.0	3.045	101.3
348	10/8/2012 6:30:50	14.77	51.19	33.63	8.32	7.99	3.8	3.082	101.0
349	10/8/2012 6:45:50	14.60	51.28	33.69	8.31	7.99	3.8	3.110	100.6
350	10/8/2012 7:00:50	14.43	51.26	33.67	8.32	7.98	3.7	3.136	100.3
351	10/8/2012 7:15:50	14.40	51.27	33.68	8.27	7.98	3.7	3.148	99.7
352	10/8/2012 7:30:50	14.77	51.05	33.53	8.21	7.99	4.2	3.156	99.6
353	10/8/2012 7:45:50	14.52	51.15	33.59	8.17	7.98	3.9	3.157	98.6
354	10/8/2012 8:00:50	14.48	51.21	33.64	8.18	7.98	4.5	3.136	98.6
355	10/8/2012 8:15:50	14.78	51.12	33.58	8.13	7.98	4.5	3.116	98.6
356	10/8/2012 8:30:50	14.94	51.33	33.73	8.10	7.98	4.3	3.082	98.7
357	10/8/2012 8:45:50	15.18	51.16	33.62	8.01	7.98	5.5	3.036	97.9
358	10/8/2012 9:00:50	15.32	51.10	33.57	7.78	7.97	6.1	2.998	95.4
359	10/8/2012 9:15:50	15.28	51.30	33.72	7.48	7.95	6.8	2.954	91.8
360	10/8/2012 9:30:50	15.20	51.41	33.80	7.33	7.93	7.1	2.908	89.8
361	10/8/2012 9:45:50	15.20	51.25	33.68	7.40	7.93	5.9	2.866	90.6
362	10/8/2012 10:00:50	15.31	51.15	33.62	7.62	7.95	5.2	2.830	93.4
363	10/8/2012 10:15:50	15.38	51.31	33.73	7.79	7.96	5.0	2.788	95.8
364	10/8/2012 10:30:50	15.45	51.28	33.71	7.91	7.97	4.7	2.764	97.3
365	10/8/2012 10:45:50	15.56	51.25	33.69	8.07	7.99	4.4	2.727	99.5
366	10/8/2012 11:00:50	15.69	51.33	33.75	8.14	8.00	4.0	2.709	100.7
367	10/8/2012 11:15:50	15.74	51.28	33.72	8.21	8.01	4.2	2.702	101.6
368	10/8/2012 11:30:50	15.81	51.30	33.73	8.25	8.01	3.9	2.677	102.3
369	10/8/2012 11:45:50	15.90	51.35	33.77	8.27	8.01	3.7	2.671	102.6
370	10/8/2012 12:00:50	15.78	51.36	33.78	8.07	7.99	5.1	2.674	100.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	10/8/2012 12:15:50	15.83	51.25	33.69	8.20	8.00	4.5	2.682	101.7
372	10/8/2012 12:30:50	15.86	51.25	33.69	8.24	8.01	4.8	2.684	102.2
373	10/8/2012 12:45:50	15.83	51.29	33.73	8.26	8.01	4.0	2.691	102.4
374	10/8/2012 13:00:50	15.71	51.30	33.73	8.19	8.00	4.3	2.715	101.3
375	10/8/2012 13:15:50	15.68	51.31	33.74	8.22	8.00	4.3	2.738	101.6
376	10/8/2012 13:30:50	15.63	51.23	33.68	8.20	8.00	4.5	2.759	101.2
377	10/8/2012 13:45:50	15.56	51.32	33.74	8.20	8.00	5.1	2.782	101.2
378	10/8/2012 14:00:50	15.49	51.28	33.71	8.16	7.99	4.5	2.820	100.5
379	10/8/2012 14:15:50	15.46	51.28	33.71	8.14	7.99	4.1	2.866	100.2
380	10/8/2012 14:30:50	15.33	51.27	33.70	8.18	7.99	3.8	2.888	100.4
381	10/8/2012 14:45:50	15.24	51.28	33.71	8.15	7.99	3.9	2.930	99.9
382	10/8/2012 15:00:50	15.17	51.22	33.66	8.16	7.99	4.2	2.973	99.9
383	10/8/2012 15:15:50	14.89	51.17	33.62	8.04	7.97	4.7	3.016	97.8
384	10/8/2012 15:30:50	14.65	51.20	33.63	8.03	7.97	4.6	3.056	97.2
385	10/8/2012 15:45:50	14.49	51.16	33.60	8.10	7.97	4.0	3.096	97.7
386	10/8/2012 16:00:50	14.36	51.23	33.65	8.16	7.97	4.6	3.144	98.2
387	10/8/2012 16:15:50	14.26	51.20	33.62	8.21	7.97	6.5	3.188	98.6
388	10/8/2012 16:30:50	14.25	51.17	33.60	8.30	7.97	6.4	3.223	99.6
389	10/8/2012 16:45:50	14.11	51.16	33.59	8.38	7.98	4.4	3.259	100.3
390	10/8/2012 17:00:50	14.03	51.16	33.58	8.33	7.97	3.7	3.294	99.5
391	10/8/2012 17:15:50	13.97	51.21	33.62	8.31	7.97	3.2	3.326	99.1
392	10/8/2012 17:30:50	13.90	50.90	33.39	8.32	7.97	3.5	3.341	99.1
393	10/8/2012 17:45:50	13.92	51.10	33.54	8.30	7.97	3.2	3.354	98.9
394	10/8/2012 18:00:50	14.15	51.14	33.58	8.24	7.97	4.1	3.361	98.6
395	10/8/2012 18:15:50	14.09	51.12	33.56	8.18	7.96	3.5	3.363	97.8
396	10/8/2012 18:30:50	14.07	51.10	33.54	8.17	7.96	3.2	3.352	97.6
397	10/8/2012 18:45:50	14.11	51.08	33.53	8.21	7.96	3.7	3.330	98.2
398	10/8/2012 19:00:50	14.19	51.16	33.59	8.22	7.97	3.4	3.301	98.5
399	10/8/2012 19:15:50	14.33	51.06	33.52	8.30	7.97	3.6	3.269	99.7
400	10/8/2012 19:30:50	14.78	51.11	33.57	8.76	8.02	5.7	3.225	106.2
401	10/8/2012 19:45:50	14.90	51.22	33.65	8.59	8.01	4.2	3.168	104.5
402	10/8/2012 20:00:50	15.38	51.15	33.61	8.76	8.05	4.7	3.110	107.6
403	10/8/2012 20:15:50	15.34	51.16	33.62	8.60	8.02	4.8	3.051	105.5
404	10/8/2012 20:30:50	15.44	51.21	33.66	8.59	8.03	5.0	2.991	105.6
405	10/8/2012 20:45:50	15.34	51.23	33.67	8.42	8.01	6.3	2.915	103.4
406	10/8/2012 21:00:50	15.43	51.28	33.71	8.36	8.01	6.1	2.844	102.9
407	10/8/2012 21:15:50	15.30	51.32	33.74	8.22	7.99	6.0	2.784	100.8
408	10/8/2012 21:30:50	15.44	51.32	33.74	8.28	8.00	5.6	2.708	101.9
409	10/8/2012 21:45:50	15.48	51.06	33.55	8.29	8.00	5.6	2.630	101.9
410	10/8/2012 22:00:50	15.65	51.20	33.66	8.40	8.01	5.4	2.563	103.7
411	10/8/2012 22:15:50	15.68	51.24	33.69	8.47	8.02	5.2	2.476	104.7
412	10/8/2012 22:30:50	15.64	51.29	33.72	8.43	8.02	5.5	2.403	104.1
413	10/8/2012 22:45:50	15.85	51.36	33.78	8.60	8.04	5.0	2.328	106.7
414	10/8/2012 23:00:50	16.00	51.30	33.74	8.57	8.05	5.0	2.245	106.6
415	10/8/2012 23:15:50	15.88	51.38	33.79	8.53	8.04	4.7	2.186	105.9
416	10/8/2012 23:30:50	16.02	51.38	33.79	8.49	8.05	4.7	2.105	105.7
417	10/8/2012 23:45:50	16.17	51.20	33.67	8.70	8.07	4.1	2.043	108.5
418	10/9/2012 0:00:50	16.24	51.31	33.74	8.78	8.08	3.9	2.001	109.7
419	10/9/2012 0:15:50	16.42	51.37	33.80	8.95	8.09	3.5	1.956	112.3
420	10/9/2012 0:30:50	16.57	51.37	33.79	9.10	8.11	3.2	1.915	114.5
421	10/9/2012 0:45:50	16.77	51.37	33.80	9.48	8.14	3.1	1.900	119.8
422	10/9/2012 1:00:50	16.76	51.39	33.82	9.49	8.14	3.1	1.902	119.8
423	10/9/2012 1:15:50	16.71	51.35	33.78	9.37	8.14	2.9	1.887	118.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	10/9/2012 1:30:50	16.79	51.36	33.80	9.74	8.16	2.8	1.916	123.1
425	10/9/2012 1:45:50	16.75	51.32	33.77	9.65	8.15	2.7	1.937	121.9
426	10/9/2012 2:00:50	16.79	51.30	33.75	9.76	8.16	3.0	1.980	123.3
427	10/9/2012 2:15:50	16.80	51.38	33.80	9.82	8.16	3.1	2.025	124.1
428	10/9/2012 2:30:50	16.76	51.42	33.84	9.74	8.15	3.3	2.055	123.0
429	10/9/2012 2:45:50	16.73	51.42	33.84	9.66	8.15	3.6	2.113	122.0
430	10/9/2012 3:00:50	16.73	51.29	33.74	9.25	8.11	4.5	2.166	116.7
431	10/9/2012 3:15:50	16.73	51.25	33.71	9.10	8.10	5.0	2.219	114.7
432	10/9/2012 3:30:50	16.71	51.25	33.71	9.08	8.10	4.9	2.270	114.5
433	10/9/2012 3:45:50	16.64	51.24	33.70	9.17	8.10	4.2	2.325	115.4
434	10/9/2012 4:00:50	16.58	51.28	33.73	9.16	8.10	4.1	2.381	115.2
435	10/9/2012 4:15:50	16.49	51.30	33.75	9.07	8.09	4.0	2.448	113.9
436	10/9/2012 4:30:50	16.35	51.25	33.71	8.89	8.08	4.8	2.509	111.4
437	10/9/2012 4:45:50	16.10	51.34	33.77	8.68	8.05	5.2	2.561	108.3
438	10/9/2012 5:00:50	15.86	51.32	33.75	8.49	8.03	5.0	2.630	105.3
439	10/9/2012 5:15:50	15.78	51.23	33.68	8.41	8.02	4.7	2.693	104.1
440	10/9/2012 5:30:50	15.68	51.27	33.71	8.38	8.02	4.7	2.752	103.6
441	10/9/2012 5:45:50	15.55	51.23	33.67	8.41	8.02	4.5	2.815	103.6
442	10/9/2012 6:00:50	15.43	51.27	33.71	8.42	8.02	4.2	2.862	103.6
443	10/9/2012 6:15:50	15.30	51.27	33.70	8.43	8.01	4.1	2.927	103.3
444	10/9/2012 6:30:50	15.12	51.23	33.67	8.39	8.00	4.2	2.983	102.5
445	10/9/2012 6:45:50	15.03	51.25	33.68	8.34	8.00	4.3	3.026	101.8
446	10/9/2012 7:00:50	14.90	51.27	33.69	8.33	8.00	3.7	3.076	101.4
447	10/9/2012 7:15:50	14.76	51.20	33.63	8.32	7.99	4.0	3.129	100.9
448	10/9/2012 7:30:50	14.45	51.17	33.60	8.38	7.99	4.0	3.164	101.1
449	10/9/2012 7:45:50	14.30	51.15	33.59	8.39	7.99	3.6	3.190	100.8
450	10/9/2012 8:00:50	14.29	51.20	33.62	8.35	7.99	3.4	3.213	100.3
451	10/9/2012 8:15:50	14.19	51.16	33.59	8.35	7.99	3.4	3.240	100.1
452	10/9/2012 8:30:50	14.44	51.00	33.48	8.29	7.99	3.9	3.242	99.8
453	10/9/2012 8:45:50	14.22	51.22	33.63	8.21	7.98	3.9	3.226	98.5
454	10/9/2012 9:00:50	14.23	51.14	33.57	8.26	7.98	3.7	3.211	99.1
455	10/9/2012 9:15:50	14.34	51.22	33.64	8.22	7.98	4.0	3.189	98.9
456	10/9/2012 9:30:50	14.81	51.19	33.63	7.96	7.98	4.7	3.149	96.6
457	10/9/2012 9:45:50	15.05	51.18	33.63	7.84	7.97	4.6	3.097	95.7
458	10/9/2012 10:00:50	15.14	51.19	33.64	7.57	7.95	5.3	3.053	92.5
459	10/9/2012 10:15:50	15.14	51.15	33.61	7.83	7.97	4.8	2.995	95.6
460	10/9/2012 10:30:50	15.14	51.25	33.68	7.94	7.97	4.4	2.947	97.1
461	10/9/2012 10:45:50	15.18	51.23	33.67	8.10	7.98	4.4	2.891	99.0
462	10/9/2012 11:00:50	15.18	51.19	33.64	8.18	7.99	4.2	2.843	100.0
463	10/9/2012 11:15:50	15.21	51.31	33.72	8.23	7.99	4.2	2.804	100.8
464	10/9/2012 11:30:50	15.26	51.32	33.73	8.28	8.00	4.2	2.760	101.5
465	10/9/2012 11:45:50	15.34	51.21	33.66	8.37	8.01	3.9	2.717	102.7
466	10/9/2012 12:00:50	15.42	51.24	33.68	8.37	8.01	3.7	2.685	102.9
467	10/9/2012 12:15:50	15.58	51.23	33.68	8.48	8.02	4.0	2.653	104.6
468	10/9/2012 12:30:50	15.74	51.33	33.75	8.48	8.03	3.6	2.636	105.0
469	10/9/2012 12:45:50	15.83	51.24	33.69	8.47	8.03	3.6	2.601	105.0
470	10/9/2012 13:00:50	15.88	51.28	33.72	8.55	8.04	3.8	2.571	106.1
471	10/9/2012 13:15:50	15.99	51.38	33.79	8.57	8.04	3.9	2.575	106.6
472	10/9/2012 13:30:50	16.04	51.29	33.73	8.49	8.04	3.3	2.563	105.7
473	10/9/2012 13:45:50	16.01	51.42	33.82	8.61	8.04	3.6	2.561	107.1
474	10/9/2012 14:00:50	15.98	51.30	33.74	8.59	8.04	3.6	2.568	106.8
475	10/9/2012 14:15:50	15.97	51.39	33.80	8.55	8.04	3.6	2.582	106.3
476	10/9/2012 14:30:50	15.95	51.29	33.73	8.41	8.03	3.7	2.604	104.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	10/9/2012 14:45:50	15.96	51.37	33.79	8.38	8.03	3.6	2.637	104.3
478	10/9/2012 15:00:50	15.92	51.29	33.73	8.43	8.03	3.7	2.668	104.8
479	10/9/2012 15:15:50	15.76	51.35	33.77	8.40	8.02	3.7	2.700	104.0
480	10/9/2012 15:30:50	15.65	51.20	33.66	8.37	8.02	3.6	2.753	103.4
481	10/9/2012 15:45:50	15.57	51.26	33.70	8.28	8.01	3.7	2.800	102.1
482	10/9/2012 16:00:50	15.52	51.30	33.73	8.30	8.01	3.9	2.840	102.3
483	10/9/2012 16:15:50	15.45	51.18	33.64	8.32	8.01	3.7	2.890	102.3
484	10/9/2012 16:30:50	15.38	51.22	33.67	8.30	8.00	3.9	2.943	101.9
485	10/9/2012 16:45:50	15.29	51.18	33.63	8.16	7.99	6.2	2.995	100.1
486	10/9/2012 17:00:50	15.12	51.28	33.70	8.16	7.99	6.6	3.025	99.7
487	10/9/2012 17:15:50	14.91	51.28	33.70	8.27	7.99	5.9	3.080	100.7
488	10/9/2012 17:30:50	14.62	51.22	33.64	8.35	7.99	4.0	3.127	101.1
489	10/9/2012 17:45:50	14.46	51.17	33.60	8.38	7.99	3.5	3.177	101.0
490	10/9/2012 18:00:50	14.37	51.22	33.64	8.38	7.99	3.4	3.215	100.9
491	10/9/2012 18:15:50	14.30	51.19	33.61	8.39	7.99	3.2	3.252	100.8
492	10/9/2012 18:30:50	14.27	51.19	33.61	8.39	7.99	3.0	3.293	100.8
493	10/9/2012 18:45:50	14.15	51.13	33.57	8.37	7.98	2.9	3.319	100.2
494	10/9/2012 19:00:50	13.99	51.14	33.57	8.35	7.98	3.0	3.335	99.7
495	10/9/2012 19:15:50	14.08	51.13	33.56	8.34	7.98	3.7	3.344	99.7
496	10/9/2012 19:30:50	14.09	51.21	33.63	8.26	7.98	3.4	3.362	98.8
497	10/9/2012 19:45:50	14.01	51.10	33.54	8.26	7.97	2.9	3.344	98.6
498	10/9/2012 20:00:50	14.00	51.18	33.60	8.28	7.98	2.9	3.310	98.9
499	10/9/2012 20:15:50	14.10	51.13	33.57	8.28	7.98	3.1	3.289	99.1
500	10/9/2012 20:30:50	14.36	51.20	33.62	8.40	8.00	3.7	3.251	101.0
501	10/9/2012 20:45:50	14.57	51.12	33.57	8.44	8.00	3.2	3.189	102.0
502	10/9/2012 21:00:50	14.77	51.23	33.66	8.46	8.01	3.9	3.137	102.6
503	10/9/2012 21:15:50	15.11	51.20	33.65	8.53	8.03	4.1	3.081	104.2
504	10/9/2012 21:30:50	15.23	51.14	33.60	8.51	8.03	4.3	3.020	104.1
505	10/9/2012 21:45:50	15.18	51.29	33.71	8.44	8.02	4.3	2.922	103.3
506	10/9/2012 22:00:50	15.24	51.10	33.57	8.17	8.01	4.8	2.865	100.0
507	10/9/2012 22:15:50	15.27	51.17	33.62	8.38	8.00	5.0	2.796	102.7
508	10/9/2012 22:30:50	15.37	51.24	33.68	8.16	8.01	5.4	2.718	100.2
509	10/9/2012 22:45:50	15.44	51.34	33.76	7.93	8.01	5.7	2.646	97.6
510	10/9/2012 23:00:50	15.53	51.22	33.67	8.32	8.01	5.1	2.575	102.5
511	10/9/2012 23:15:50	15.25	51.26	33.69	7.93	7.98	5.7	2.494	97.1
512	10/9/2012 23:30:50	15.47	51.30	33.73	8.18	8.00	5.2	2.404	100.7
513	10/9/2012 23:45:50	15.53	51.20	33.66	8.19	8.01	5.1	2.326	100.9
514	10/10/2012 0:00:50	15.58	51.35	33.77	8.24	8.02	5.1	2.250	101.7
515	10/10/2012 0:15:50	15.61	51.26	33.70	8.18	8.02	4.7	2.168	101.0
516	10/10/2012 0:30:50	15.63	51.33	33.75	8.17	8.02	4.5	2.085	100.9
517	10/10/2012 0:45:50	15.68	51.32	33.75	8.18	8.02	4.2	2.030	101.1
518	10/10/2012 1:00:50	15.79	51.38	33.79	8.20	8.02	4.2	1.975	101.6
519	10/10/2012 1:15:50	15.95	51.37	33.79	8.37	8.05	3.8	1.937	104.0
520	10/10/2012 1:30:50	16.08	51.24	33.69	8.49	8.06	3.4	1.914	105.8
521	10/10/2012 1:45:50	16.28	51.42	33.83	8.73	8.08	3.1	1.891	109.3
522	10/10/2012 2:00:50	16.47	51.30	33.74	9.03	8.12	2.8	1.876	113.4
523	10/10/2012 2:15:50	16.30	51.29	33.74	8.77	8.09	2.8	1.877	109.7
524	10/10/2012 2:30:50	16.50	51.38	33.81	9.14	8.12	2.8	1.883	114.8
525	10/10/2012 2:45:50	16.54	51.39	33.81	9.32	8.13	3.6	1.923	117.2
526	10/10/2012 3:00:50	16.56	51.35	33.78	9.31	8.13	3.0	1.948	117.1
527	10/10/2012 3:15:50	16.59	51.38	33.80	9.44	8.14	3.2	1.999	118.9
528	10/10/2012 3:30:50	16.56	51.34	33.77	9.40	8.13	3.2	2.049	118.3
529	10/10/2012 3:45:50	16.51	51.43	33.84	9.30	8.13	3.7	2.102	116.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
530	10/10/2012 4:00:50	16.50	51.25	33.71	8.92	8.09	5.0	2.156	112.0
531	10/10/2012 4:15:50	16.48	51.18	33.66	8.80	8.08	5.1	2.223	110.5
532	10/10/2012 4:30:50	16.43	51.25	33.71	8.85	8.08	4.5	2.291	111.0
533	10/10/2012 4:45:50	16.31	51.24	33.70	8.81	8.08	4.3	2.371	110.3
534	10/10/2012 5:00:50	16.23	51.36	33.79	8.73	8.07	4.1	2.424	109.2
535	10/10/2012 5:15:50	16.13	51.34	33.77	8.64	8.06	4.5	2.497	107.8
536	10/10/2012 5:30:50	15.95	51.34	33.76	8.48	8.04	4.8	2.556	105.4
537	10/10/2012 5:45:50	15.75	51.21	33.67	8.30	8.02	5.3	2.632	102.7
538	10/10/2012 6:00:50	15.64	51.27	33.71	8.21	8.01	5.0	2.711	101.4
539	10/10/2012 6:15:50	15.52	51.29	33.72	8.15	8.01	5.7	2.765	100.4
540	10/10/2012 6:30:50	15.35	51.26	33.69	8.14	8.00	5.0	2.836	99.9
541	10/10/2012 6:45:50	15.19	51.25	33.69	8.16	8.00	4.8	2.904	99.9
542	10/10/2012 7:00:50	15.03	51.19	33.64	8.14	7.99	4.9	2.970	99.3
543	10/10/2012 7:15:50	14.93	51.19	33.63	8.13	7.99	4.7	3.038	99.0
544	10/10/2012 7:30:50	14.79	51.09	33.55	8.13	7.98	4.7	3.091	98.7
545	10/10/2012 7:45:50	14.67	50.99	33.48	8.13	7.98	4.8	3.158	98.4
546	10/10/2012 8:00:50	14.26	51.05	33.51	8.23	7.98	4.5	3.210	98.8
547	10/10/2012 8:15:50	14.04	50.98	33.45	8.26	7.98	4.3	3.267	98.6
548	10/10/2012 8:30:50	13.95	50.88	33.37	8.19	7.97	4.4	3.300	97.6
549	10/10/2012 8:45:50	13.86	51.02	33.47	8.12	7.97	4.2	3.344	96.6
550	10/10/2012 9:00:50	13.77	50.93	33.41	8.14	7.97	4.1	3.343	96.7
551	10/10/2012 9:15:50	14.22	50.95	33.43	8.03	7.97	3.7	3.365	96.3
552	10/10/2012 9:30:50	13.83	50.97	33.43	8.08	7.96	4.3	3.363	96.0
553	10/10/2012 9:45:50	13.97	50.88	33.38	8.05	7.96	3.9	3.329	96.0
554	10/10/2012 10:00:50	14.00	51.03	33.48	7.94	7.96	3.7	3.299	94.8
555	10/10/2012 10:15:50	14.14	50.98	33.46	7.85	7.95	3.9	3.247	93.9
556	10/10/2012 10:30:50	14.49	51.04	33.51	7.79	7.96	4.5	3.190	93.9
557	10/10/2012 10:45:50	14.57	51.05	33.52	7.93	7.96	4.4	3.134	95.7
558	10/10/2012 11:00:50	14.57	50.93	33.43	8.02	7.97	4.4	3.061	96.8
559	10/10/2012 11:15:50	14.64	51.03	33.51	8.05	7.97	4.5	2.993	97.4
560	10/10/2012 11:30:50	14.56	50.98	33.47	8.11	7.98	3.9	2.931	97.9
561	10/10/2012 11:45:50	14.75	50.88	33.40	8.15	7.98	4.2	2.868	98.7
562	10/10/2012 12:00:50	14.69	51.12	33.57	8.20	7.99	4.0	2.811	99.3
563	10/10/2012 12:15:50	14.91	50.94	33.45	8.21	7.99	3.9	2.748	99.8
564	10/10/2012 12:30:50	15.04	51.06	33.54	8.24	8.00	3.8	2.697	100.4
565	10/10/2012 12:45:50	15.08	51.12	33.58	8.24	8.00	3.9	2.636	100.5
566	10/10/2012 13:00:50	15.04	51.01	33.50	8.37	8.01	4.0	2.580	102.1
567	10/10/2012 13:15:50	15.19	51.05	33.54	8.33	8.01	3.6	2.539	101.8
568	10/10/2012 13:30:50	15.23	51.04	33.53	8.43	8.02	3.7	2.492	103.2
569	10/10/2012 13:45:50	15.28	51.08	33.56	8.46	8.03	3.5	2.457	103.7
570	10/10/2012 14:00:50	15.42	51.07	33.55	8.46	8.03	3.4	2.415	103.9
571	10/10/2012 14:15:50	15.47	51.35	33.76	8.55	8.04	3.6	2.385	105.3
572	10/10/2012 14:30:50	15.64	51.25	33.69	8.51	8.05	3.1	2.376	105.0
573	10/10/2012 14:45:50	15.78	51.41	33.81	8.38	8.05	3.1	2.368	103.8
574	10/10/2012 15:00:50	15.65	51.34	33.76	8.48	8.05	3.1	2.374	104.8
575	10/10/2012 15:15:50	15.80	51.38	33.79	8.46	8.05	3.2	2.401	104.8
576	10/10/2012 15:30:50	15.79	51.35	33.77	8.40	8.05	3.1	2.426	104.2
577	10/10/2012 15:45:50	15.82	51.30	33.73	8.36	8.04	3.6	2.480	103.7
578	10/10/2012 16:00:50	15.79	51.38	33.79	8.33	8.04	3.4	2.510	103.2
579	10/10/2012 16:15:50	15.72	51.26	33.70	8.22	8.03	3.7	2.555	101.7
580	10/10/2012 16:30:50	15.64	51.25	33.69	8.16	8.02	3.6	2.622	100.8
581	10/10/2012 16:45:50	15.50	51.33	33.75	8.15	8.01	4.1	2.681	100.3
582	10/10/2012 17:00:50	15.30	51.28	33.71	8.08	8.00	4.8	2.729	99.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	10/10/2012 17:15:50	15.22	51.24	33.67	8.05	7.99	3.9	2.782	98.6
584	10/10/2012 17:30:50	15.18	51.25	33.68	8.02	7.99	3.9	2.846	98.1
585	10/10/2012 17:45:50	15.12	51.22	33.66	8.00	7.99	4.4	2.899	97.8
586	10/10/2012 18:00:50	14.94	51.21	33.65	7.96	7.98	7.5	2.954	96.9
587	10/10/2012 18:15:50	14.83	51.28	33.70	8.01	7.98	5.4	3.018	97.4
588	10/10/2012 18:30:50	14.65	51.24	33.66	8.05	7.98	5.1	3.071	97.4
589	10/10/2012 18:45:50	14.46	51.11	33.56	8.10	7.98	4.3	3.122	97.7
590	10/10/2012 19:00:50	14.31	51.22	33.64	8.13	7.98	3.7	3.185	97.7
591	10/10/2012 19:15:50	14.09	51.09	33.54	8.19	7.98	3.8	3.241	97.9
592	10/10/2012 19:30:50	13.94	51.11	33.54	8.21	7.98	3.9	3.287	98.0
593	10/10/2012 19:45:50	13.87	51.19	33.60	8.21	7.98	3.5	3.320	97.8
594	10/10/2012 20:00:50	13.78	51.10	33.53	8.22	7.98	3.4	3.366	97.7
595	10/10/2012 20:15:50	13.76	51.13	33.55	8.22	7.98	3.0	3.383	97.6
596	10/10/2012 20:30:50	14.17	51.23	33.64	8.13	7.99	3.1	3.388	97.5
597	10/10/2012 20:45:50	13.81	50.97	33.44	8.05	7.97	3.2	3.396	95.7
598	10/10/2012 21:00:50	13.88	51.12	33.55	8.07	7.97	3.1	3.379	96.1
599	10/10/2012 21:15:50	13.95	51.21	33.62	8.10	7.97	4.1	3.359	96.7
600	10/10/2012 21:30:50	14.03	51.10	33.54	8.08	7.98	4.2	3.301	96.6
601	10/10/2012 21:45:50	14.17	51.25	33.66	8.14	7.99	4.9	3.252	97.6
602	10/10/2012 22:00:50	14.26	51.18	33.60	8.01	7.98	5.5	3.200	96.1
603	10/10/2012 22:15:50	14.28	51.10	33.55	7.89	7.97	5.8	3.126	94.8
604	10/10/2012 22:30:50	14.39	51.25	33.66	7.85	7.97	5.6	3.056	94.5
605	10/10/2012 22:45:50	14.46	51.16	33.60	7.86	7.97	5.5	2.976	94.8
606	10/10/2012 23:00:50	14.44	51.12	33.57	7.75	7.96	5.8	2.900	93.3
607	10/10/2012 23:15:50	14.43	51.25	33.66	7.69	7.95	6.5	2.820	92.7
608	10/10/2012 23:30:50	14.43	51.24	33.65	7.64	7.95	6.2	2.738	92.0
609	10/10/2012 23:45:50	14.72	51.17	33.61	7.75	7.97	5.6	2.662	94.0
610	10/11/2012 0:00:50	14.67	51.28	33.69	7.71	7.97	6.4	2.563	93.4
611	10/11/2012 0:15:50	14.47	51.32	33.72	7.85	7.97	7.0	2.473	94.8
612	10/11/2012 0:30:50	14.83	51.27	33.69	7.91	7.99	6.2	2.389	96.1
613	10/11/2012 0:45:50	14.73	51.25	33.67	7.78	7.97	5.7	2.307	94.3
614	10/11/2012 1:00:50	14.39	51.19	33.62	7.67	7.95	6.1	2.204	92.3
615	10/11/2012 1:15:50	14.62	50.98	33.47	7.55	7.95	5.8	2.122	91.2
616	10/11/2012 1:30:50	14.89	51.34	33.74	7.57	7.97	5.0	2.044	92.1
617	10/11/2012 1:45:50	14.94	51.07	33.55	7.55	7.97	4.7	1.974	91.9
618	10/11/2012 2:00:50	14.88	51.33	33.73	7.49	7.96	4.7	1.912	91.1
619	10/11/2012 2:15:50	15.12	51.22	33.66	7.60	7.98	4.0	1.853	92.8
620	10/11/2012 2:30:50	15.05	51.39	33.78	7.55	7.97	4.0	1.817	92.3
621	10/11/2012 2:45:50	15.37	51.28	33.71	7.72	8.01	3.2	1.807	94.8
622	10/11/2012 3:00:50	15.19	51.35	33.75	7.57	7.99	3.7	1.791	92.6
623	10/11/2012 3:15:50	15.34	51.36	33.77	7.72	8.00	3.4	1.799	94.8
624	10/11/2012 3:30:50	15.36	51.37	33.77	7.80	8.01	3.4	1.848	95.8
625	10/11/2012 3:45:50	15.47	51.40	33.80	7.84	8.02	3.4	1.865	96.5
626	10/11/2012 4:00:50	15.54	51.42	33.82	7.92	8.03	3.3	1.928	97.7
627	10/11/2012 4:15:50	15.51	51.36	33.77	7.91	8.03	3.4	1.996	97.4
628	10/11/2012 4:30:50	15.48	51.29	33.72	7.89	8.02	3.8	2.053	97.1
629	10/11/2012 4:45:50	15.36	51.21	33.66	7.63	7.99	5.3	2.128	93.7
630	10/11/2012 5:00:50	15.34	51.22	33.67	7.54	7.98	5.9	2.195	92.6
631	10/11/2012 5:15:50	15.30	51.19	33.64	7.57	7.98	5.2	2.271	92.8
632	10/11/2012 5:30:50	15.26	51.22	33.66	7.61	7.98	4.8	2.340	93.3
633	10/11/2012 5:45:50	15.23	51.25	33.69	7.62	7.98	5.0	2.403	93.3
634	10/11/2012 6:00:50	15.24	51.29	33.71	7.61	7.98	4.9	2.487	93.2
635	10/11/2012 6:15:50	15.23	51.24	33.67	7.61	7.98	5.1	2.561	93.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	10/11/2012 6:30:50	15.19	51.27	33.70	7.63	7.98	5.2	2.644	93.4
637	10/11/2012 6:45:50	15.12	51.24	33.67	7.62	7.98	6.1	2.721	93.1
638	10/11/2012 7:00:50	14.97	51.09	33.56	7.59	7.96	6.1	2.795	92.4
639	10/11/2012 7:15:50	14.74	51.26	33.68	7.60	7.96	5.7	2.867	92.1
640	10/11/2012 7:30:50	14.60	51.08	33.54	7.65	7.96	6.1	2.941	92.4
641	10/11/2012 7:45:50	14.51	51.15	33.59	7.69	7.96	6.5	3.021	92.8
642	10/11/2012 8:00:50	14.36	51.23	33.65	7.74	7.96	6.2	3.089	93.1
643	10/11/2012 8:15:50	14.02	51.08	33.52	7.83	7.96	6.8	3.167	93.5
644	10/11/2012 8:30:50	13.78	51.03	33.48	7.91	7.96	6.3	3.241	93.9
645	10/11/2012 8:45:50	13.67	51.05	33.49	7.92	7.96	7.0	3.303	93.9
646	10/11/2012 9:00:50	13.32	51.06	33.49	8.14	7.97	5.6	3.366	95.8
647	10/11/2012 9:15:50	13.10	50.96	33.40	8.27	7.97	4.8	3.413	96.9
648	10/11/2012 9:30:50	13.04	51.03	33.45	8.29	7.98	4.1	3.450	97.0
649	10/11/2012 9:45:50	13.96	50.65	33.21	7.72	7.95	4.6	3.480	91.9
650	10/11/2012 10:00:50	13.65	51.24	33.63	7.75	7.96	4.0	3.483	91.9
651	10/11/2012 10:15:50	13.03	51.06	33.48	8.22	7.97	4.0	3.465	96.1
652	10/11/2012 10:30:50	13.68	51.16	33.58	7.82	7.95	4.9	3.433	92.8
653	10/11/2012 10:45:50	13.34	50.84	33.33	8.06	7.96	4.5	3.398	94.8
654	10/11/2012 11:00:50	13.74	51.06	33.50	7.83	7.96	5.2	3.324	92.9
655	10/11/2012 11:15:50	14.15	51.25	33.65	7.56	7.94	4.9	3.244	90.6
656	10/11/2012 11:30:50	13.97	51.11	33.54	7.81	7.95	4.5	3.174	93.2
657	10/11/2012 11:45:50	13.85	51.10	33.54	7.92	7.96	4.5	3.091	94.2
658	10/11/2012 12:00:50	14.04	51.09	33.53	7.83	7.96	4.4	3.010	93.6
659	10/11/2012 12:15:50	14.21	51.23	33.64	7.76	7.96	4.1	2.927	93.2
660	10/11/2012 12:30:50	14.39	51.20	33.63	7.81	7.96	4.7	2.847	94.0
661	10/11/2012 12:45:50	14.28	51.17	33.60	7.83	7.97	3.7	2.785	94.0
662	10/11/2012 13:00:50	14.84	51.28	33.70	7.64	7.97	4.4	2.689	92.8
663	10/11/2012 13:15:50	14.83	51.38	33.77	7.74	7.98	4.0	2.611	94.1
664	10/11/2012 13:30:50	14.86	51.14	33.59	7.58	7.97	4.1	2.544	92.2
665	10/11/2012 13:45:50	14.84	51.35	33.75	7.73	7.98	3.9	2.473	94.0
666	10/11/2012 14:00:50	14.87	51.24	33.67	7.83	7.98	3.7	2.390	95.3
667	10/11/2012 14:15:50	14.82	51.30	33.71	8.00	7.99	3.7	2.336	97.1
668	10/11/2012 14:30:50	14.70	51.27	33.69	8.10	8.00	3.6	2.275	98.2
669	10/11/2012 14:45:50	14.69	51.31	33.71	8.17	8.00	3.6	2.218	99.0
670	10/11/2012 15:00:50	14.56	51.28	33.69	8.45	8.02	3.4	2.182	102.1
671	10/11/2012 15:15:50	14.63	51.32	33.72	8.37	8.01	3.1	2.153	101.3
672	10/11/2012 15:30:50	14.62	51.24	33.66	8.38	8.01	3.4	2.153	101.4
673	10/11/2012 15:45:50	14.71	51.24	33.66	8.15	8.00	3.6	2.147	98.8
674	10/11/2012 16:00:50	14.80	51.24	33.67	7.96	7.99	3.4	2.158	96.6
675	10/11/2012 16:15:50	14.86	51.25	33.67	7.85	7.99	3.4	2.209	95.4
676	10/11/2012 16:30:50	14.91	51.31	33.72	7.76	7.98	3.9	2.243	94.4
677	10/11/2012 16:45:50	14.96	51.33	33.73	7.69	7.98	3.9	2.292	93.7
678	10/11/2012 17:00:50	14.98	51.34	33.74	7.64	7.98	3.6	2.359	93.2
679	10/11/2012 17:15:50	14.98	51.39	33.78	7.61	7.98	4.3	2.438	92.8
680	10/11/2012 17:30:50	14.88	51.10	33.56	7.65	7.97	4.4	2.494	92.9
681	10/11/2012 17:45:50	14.80	51.30	33.71	7.64	7.97	4.1	2.558	92.7
682	10/11/2012 18:00:50	14.72	51.32	33.72	7.64	7.97	4.4	2.637	92.7
683	10/11/2012 18:15:51	14.69	51.34	33.73	7.60	7.96	4.6	2.705	92.1
684	10/11/2012 18:30:50	14.67	51.21	33.64	7.56	7.96	4.9	2.764	91.5
685	10/11/2012 18:45:50	14.53	51.22	33.64	7.54	7.95	5.3	2.834	91.0
686	10/11/2012 19:00:50	14.38	51.21	33.63	7.57	7.95	5.1	2.902	91.1
687	10/11/2012 19:15:50	14.31	51.05	33.52	7.57	7.95	5.2	2.970	91.0
688	10/11/2012 19:30:50	14.24	51.18	33.61	7.60	7.95	4.7	3.033	91.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	10/11/2012 19:45:50	14.06	51.08	33.52	7.68	7.95	4.8	3.101	91.8
690	10/11/2012 20:00:51	13.91	51.19	33.60	7.71	7.95	4.5	3.166	92.0
691	10/11/2012 20:15:50	13.83	51.15	33.57	7.75	7.95	4.8	3.230	92.2
692	10/11/2012 20:30:50	13.74	51.12	33.55	7.78	7.95	4.4	3.290	92.4
693	10/11/2012 20:45:50	13.61	51.08	33.51	7.82	7.95	4.3	3.341	92.6
694	10/11/2012 21:00:50	13.41	51.10	33.52	7.89	7.96	3.9	3.385	93.0
695	10/11/2012 21:15:51	13.27	51.12	33.53	7.94	7.96	4.0	3.423	93.4
696	10/11/2012 21:30:50	13.63	50.86	33.35	7.79	7.96	4.2	3.443	92.2
697	10/11/2012 21:45:50	13.99	51.26	33.66	7.51	7.95	3.9	3.447	89.7
698	10/11/2012 22:00:50	13.49	51.11	33.53	7.76	7.95	3.6	3.442	91.7
699	10/11/2012 22:15:50	13.75	51.16	33.57	7.64	7.95	5.0	3.420	90.7
700	10/11/2012 22:30:50	13.72	51.15	33.57	7.59	7.95	6.0	3.378	90.1
701	10/11/2012 22:45:51	14.09	51.35	33.72	7.90	8.04	7.5	3.309	94.6
702	10/11/2012 23:00:50	14.08	51.19	33.61	7.50	7.98	6.8	3.247	89.8
703	10/11/2012 23:15:51	14.03	51.27	33.66	7.40	7.95	5.7	3.162	88.4
704	10/11/2012 23:30:50	14.04	51.13	33.56	7.31	7.93	5.3	3.069	87.3
705	10/11/2012 23:45:51	14.08	51.28	33.68	7.38	7.93	5.3	2.989	88.3
706	10/12/2012 0:00:51	14.21	51.21	33.62	7.42	7.95	5.1	2.888	89.0
707	10/12/2012 0:15:50	14.33	51.19	33.62	7.37	7.94	4.8	2.806	88.6
708	10/12/2012 0:30:50	14.45	51.23	33.65	7.28	7.95	5.1	2.714	87.8
709	10/12/2012 0:45:50	14.55	51.16	33.60	7.42	7.96	4.9	2.621	89.6
710	10/12/2012 1:00:50	14.52	51.29	33.70	7.37	7.95	5.4	2.528	89.0
711	10/12/2012 1:15:50	14.57	51.32	33.72	7.51	7.96	4.7	2.435	90.7
712	10/12/2012 1:30:51	14.39	51.31	33.70	7.28	7.94	5.7	2.332	87.6
713	10/12/2012 1:45:51	14.40	51.32	33.71	7.29	7.94	5.5	2.234	87.9
714	10/12/2012 2:00:50	14.35	51.26	33.67	7.21	7.93	5.1	2.147	86.7
715	10/12/2012 2:15:50	14.29	51.23	33.64	7.16	7.92	4.8	2.055	86.0
716	10/12/2012 2:30:50	14.28	51.25	33.66	7.10	7.92	5.0	1.963	85.3
717	10/12/2012 2:45:50	14.29	51.17	33.60	7.02	7.91	4.8	1.892	84.4
718	10/12/2012 3:00:50	14.40	51.34	33.73	7.07	7.92	4.3	1.835	85.1
719	10/12/2012 3:15:50	14.35	51.24	33.65	7.01	7.92	4.0	1.798	84.4
720	10/12/2012 3:30:50	14.42	51.25	33.66	7.04	7.92	3.9	1.762	84.9
721	10/12/2012 3:45:50	14.47	51.18	33.61	7.09	7.93	3.7	1.759	85.5
722	10/12/2012 4:00:50	14.41	51.23	33.65	7.11	7.93	4.0	1.789	85.7
723	10/12/2012 4:15:50	14.54	51.30	33.70	7.20	7.94	4.0	1.811	87.0
724	10/12/2012 4:30:50	14.64	51.37	33.76	7.27	7.95	3.6	1.853	88.0
725	10/12/2012 4:45:50	14.63	51.38	33.76	7.28	7.95	3.6	1.925	88.1
726	10/12/2012 5:00:50	14.65	51.33	33.73	7.28	7.96	4.4	1.998	88.2
727	10/12/2012 5:15:50	14.63	51.38	33.77	7.27	7.95	4.7	2.069	88.0
728	10/12/2012 5:30:51	14.52	51.27	33.68	7.10	7.93	7.0	2.154	85.8
729	10/12/2012 5:45:51	14.52	51.25	33.67	7.13	7.93	5.6	2.228	86.1
730	10/12/2012 6:00:51	14.48	51.29	33.69	7.12	7.93	5.1	2.319	86.0
731	10/12/2012 6:15:51	14.47	51.28	33.69	7.12	7.93	5.2	2.399	85.9
732	10/12/2012 6:30:51	14.50	51.30	33.70	7.12	7.93	4.8	2.468	85.9
733	10/12/2012 6:45:51	14.50	51.32	33.72	7.10	7.93	5.0	2.560	85.7
734	10/12/2012 7:00:51	14.50	51.33	33.72	7.12	7.93	5.4	2.637	86.0
735	10/12/2012 7:15:51	14.48	51.34	33.73	7.16	7.93	5.4	2.727	86.4
736	10/12/2012 7:30:50	14.35	51.26	33.67	7.19	7.93	5.9	2.807	86.5
737	10/12/2012 7:45:51	14.23	51.26	33.66	7.18	7.93	6.5	2.897	86.2
738	10/12/2012 8:00:50	14.10	51.07	33.52	7.24	7.93	7.8	2.978	86.7
739	10/12/2012 8:15:51	14.01	51.25	33.65	7.29	7.93	6.8	3.059	87.1
740	10/12/2012 8:30:50	13.82	51.05	33.49	7.36	7.93	7.6	3.158	87.5
741	10/12/2012 8:45:50	13.49	51.09	33.51	7.51	7.93	8.3	3.235	88.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	10/12/2012 9:00:50	13.25	50.93	33.39	7.72	7.94	7.3	3.318	90.7
743	10/12/2012 9:15:50	13.12	50.91	33.37	7.80	7.95	6.7	3.391	91.4
744	10/12/2012 9:30:51	12.81	51.09	33.49	8.06	7.96	6.5	3.463	93.8
745	10/12/2012 9:45:51	12.64	51.14	33.51	8.15	7.97	5.8	3.525	94.7
746	10/12/2012 10:00:51	12.61	51.02	33.43	8.23	7.97	5.8	3.564	95.4
747	10/12/2012 10:15:50	12.66	50.99	33.40	8.17	7.97	3.7	3.601	94.8
748	10/12/2012 10:30:50	13.93	51.22	33.62	6.85	7.89	4.8	3.619	81.7
749	10/12/2012 10:45:50	12.80	51.07	33.47	7.94	7.96	4.4	3.615	92.5
750	10/12/2012 11:00:50	12.68	51.07	33.47	8.10	7.97	3.9	3.586	94.0
751	10/12/2012 11:15:50	12.98	51.03	33.45	7.96	7.96	4.7	3.545	93.0
752	10/12/2012 11:30:51	13.60	51.17	33.58	7.74	7.95	5.4	3.480	91.7
753	10/12/2012 11:45:50	13.99	51.19	33.61	7.68	7.95	5.4	3.399	91.7
754	10/12/2012 12:00:51	13.58	51.11	33.53	8.12	7.98	5.6	3.319	96.1
755	10/12/2012 12:15:50	13.47	51.14	33.55	8.32	7.99	4.6	3.221	98.3
756	10/12/2012 12:30:50	13.77	51.13	33.55	7.90	7.98	4.8	3.118	93.9
757	10/12/2012 12:45:50	14.13	51.03	33.49	7.96	7.97	5.0	3.020	95.3
758	10/12/2012 13:00:50	14.34	51.29	33.69	7.79	7.96	4.8	2.917	93.8
759	10/12/2012 13:15:51	14.56	51.31	33.71	7.78	7.97	4.3	2.819	94.1
760	10/12/2012 13:30:51	14.56	51.22	33.64	7.89	7.97	5.0	2.725	95.3
761	10/12/2012 13:45:50	14.68	51.31	33.71	8.11	7.99	5.1	2.624	98.3
762	10/12/2012 14:00:51	14.66	51.32	33.72	7.96	7.99	5.0	2.524	96.4
763	10/12/2012 14:15:50	14.67	51.18	33.62	8.11	7.99	4.7	2.435	98.2
764	10/12/2012 14:30:50	14.75	51.21	33.64	8.47	8.02	4.6	2.335	102.7
765	10/12/2012 14:45:50	14.74	51.21	33.64	8.37	8.02	4.5	2.239	101.5
766	10/12/2012 15:00:50	14.73	51.22	33.65	8.53	8.03	4.8	2.169	103.4
767	10/12/2012 15:15:50	14.81	51.17	33.61	8.36	8.02	4.8	2.078	101.5
768	10/12/2012 15:30:50	14.83	51.12	33.58	8.45	8.02	4.5	2.005	102.6
769	10/12/2012 15:45:50	14.90	51.29	33.70	8.18	8.01	3.9	1.967	99.6
770	10/12/2012 16:00:50	14.88	51.20	33.63	8.14	8.01	3.4	1.922	99.0
771	10/12/2012 16:15:50	15.05	51.23	33.66	8.56	8.04	4.3	1.903	104.4
772	10/12/2012 16:30:50	14.95	51.28	33.70	8.61	8.03	4.6	1.901	104.9
773	10/12/2012 16:45:51	14.94	51.31	33.72	8.49	8.03	4.2	1.924	103.4
774	10/12/2012 17:00:50	14.89	51.23	33.66	8.50	8.02	4.8	1.980	103.4
775	10/12/2012 17:15:50	14.88	51.22	33.66	8.42	8.01	5.6	2.018	102.4
776	10/12/2012 17:30:50	14.87	51.27	33.69	8.24	8.01	5.5	2.087	100.3
777	10/12/2012 17:45:51	14.85	51.29	33.70	8.16	8.00	5.3	2.177	99.2
778	10/12/2012 18:00:50	14.90	51.16	33.61	7.97	7.97	6.7	2.251	96.9
779	10/12/2012 18:15:51	14.81	51.24	33.66	7.97	7.98	5.6	2.334	96.8
780	10/12/2012 18:30:50	14.80	51.21	33.65	7.94	7.98	5.1	2.413	96.4
781	10/12/2012 18:45:50	14.78	51.21	33.64	7.88	7.97	5.3	2.501	95.6
782	10/12/2012 19:00:50	14.77	51.16	33.61	7.78	7.97	5.7	2.572	94.3
783	10/12/2012 19:15:50	14.74	51.22	33.65	7.72	7.97	5.6	2.655	93.6
784	10/12/2012 19:30:50	14.65	51.32	33.72	7.59	7.96	5.5	2.728	91.9
785	10/12/2012 19:45:51	14.48	51.27	33.68	7.52	7.95	5.3	2.813	90.7
786	10/12/2012 20:00:50	14.30	51.24	33.65	7.47	7.94	5.4	2.890	89.8
787	10/12/2012 20:15:51	14.21	51.21	33.63	7.49	7.94	5.7	2.967	89.9
788	10/12/2012 20:30:51	14.06	51.20	33.61	7.55	7.95	6.1	3.050	90.3
789	10/12/2012 20:45:50	13.96	51.11	33.54	7.58	7.95	6.1	3.119	90.4
790	10/12/2012 21:00:50	13.82	51.15	33.57	7.65	7.95	7.2	3.200	91.0
791	10/12/2012 21:15:50	13.51	51.06	33.49	7.82	7.96	7.1	3.274	92.4
792	10/12/2012 21:30:51	13.38	51.11	33.52	7.91	7.96	6.2	3.341	93.3
793	10/12/2012 21:45:50	13.26	51.06	33.48	7.94	7.96	5.2	3.406	93.4
794	10/12/2012 22:00:50	13.18	51.03	33.46	7.99	7.96	5.0	3.467	93.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	10/12/2012 22:15:51	13.09	51.09	33.50	8.01	7.97	4.7	3.507	93.8
796	10/12/2012 22:30:50	13.05	50.93	33.38	8.10	7.97	3.9	3.539	94.7
797	10/12/2012 22:45:50	13.41	51.00	33.44	7.88	7.96	4.3	3.548	92.9
798	10/12/2012 23:00:50	13.09	51.06	33.47	8.01	7.97	3.8	3.545	93.8
799	10/12/2012 23:15:50	13.20	51.06	33.48	7.91	7.96	4.3	3.508	92.9
800	10/12/2012 23:30:50	13.12	51.17	33.56	7.95	7.97	5.1	3.464	93.2
801	10/12/2012 23:45:50	13.39	50.96	33.42	7.80	7.96	5.9	3.386	91.9
802	10/13/2012 0:00:50	13.90	51.10	33.54	7.35	7.93	6.3	3.309	87.6
803	10/13/2012 0:15:51	13.77	51.24	33.63	7.44	7.93	6.3	3.216	88.4
804	10/13/2012 0:30:51	13.87	51.24	33.63	7.41	7.94	6.1	3.123	88.3
805	10/13/2012 0:45:51	14.02	51.17	33.59	7.39	7.94	6.1	3.017	88.2
806	10/13/2012 1:00:50	14.19	51.15	33.58	7.39	7.94	5.8	2.918	88.5
807	10/13/2012 1:15:50	14.49	51.11	33.56	7.30	7.95	5.7	2.819	88.0
808	10/13/2012 1:30:50	14.64	51.24	33.66	7.39	7.96	5.8	2.724	89.4
809	10/13/2012 1:45:50	14.61	51.12	33.57	7.47	7.96	5.3	2.620	90.4
810	10/13/2012 2:00:50	14.62	51.30	33.71	7.45	7.95	5.7	2.514	90.2
811	10/13/2012 2:15:50	14.47	51.22	33.64	7.42	7.94	6.6	2.419	89.4
812	10/13/2012 2:30:51	14.39	51.21	33.63	7.32	7.93	5.4	2.319	88.2
813	10/13/2012 2:45:50	14.34	51.02	33.49	7.26	7.93	5.0	2.215	87.3
814	10/13/2012 3:00:50	14.29	51.20	33.62	7.21	7.92	5.4	2.119	86.7
815	10/13/2012 3:15:50	14.25	51.09	33.54	7.20	7.91	5.1	2.027	86.4
816	10/13/2012 3:30:50	14.42	51.16	33.59	7.18	7.93	4.4	1.945	86.5
817	10/13/2012 3:45:50	14.43	51.14	33.58	7.23	7.92	4.4	1.898	87.0
818	10/13/2012 4:00:50	14.48	51.15	33.59	7.14	7.92	4.5	1.840	86.1
819	10/13/2012 4:15:50	14.49	51.20	33.62	7.21	7.93	4.0	1.820	87.0
820	10/13/2012 4:30:51	14.31	51.25	33.66	7.04	7.91	4.3	1.815	84.7
821	10/13/2012 4:45:50	14.48	51.15	33.59	7.19	7.93	4.2	1.836	86.7
822	10/13/2012 5:00:50	14.52	51.25	33.66	7.34	7.94	4.1	1.864	88.6
823	10/13/2012 5:15:50	14.66	51.25	33.67	7.46	7.95	4.1	1.914	90.4
824	10/13/2012 5:30:51	14.87	51.33	33.73	7.66	7.98	3.8	1.998	93.2
825	10/13/2012 5:45:50	14.83	51.22	33.65	7.64	7.97	4.2	2.083	92.9
826	10/13/2012 6:00:50	14.90	51.15	33.60	7.48	7.95	6.5	2.157	91.0
827	10/13/2012 6:15:50	14.87	51.10	33.57	7.37	7.93	6.3	2.245	89.5
828	10/13/2012 6:30:50	14.74	51.07	33.54	7.36	7.94	5.7	2.334	89.2
829	10/13/2012 6:45:50	14.66	51.14	33.59	7.33	7.94	5.1	2.425	88.7
830	10/13/2012 7:00:50	14.64	51.21	33.64	7.29	7.93	5.4	2.506	88.2
831	10/13/2012 7:15:50	14.64	51.18	33.61	7.28	7.93	5.7	2.599	88.1
832	10/13/2012 7:30:50	14.58	51.20	33.63	7.31	7.94	5.6	2.687	88.3
833	10/13/2012 7:45:50	14.52	51.25	33.67	7.31	7.94	6.4	2.782	88.3
834	10/13/2012 8:00:50	14.35	51.18	33.61	7.31	7.93	6.7	2.869	87.9
835	10/13/2012 8:15:50	14.18	51.10	33.54	7.32	7.93	7.0	2.957	87.7
836	10/13/2012 8:30:51	14.04	51.24	33.64	7.36	7.93	7.3	3.050	88.0
837	10/13/2012 8:45:51	13.93	51.20	33.61	7.41	7.93	8.3	3.139	88.4
838	10/13/2012 9:00:51	13.67	51.15	33.56	7.54	7.94	9.4	3.232	89.4
839	10/13/2012 9:15:51	13.32	51.01	33.45	7.75	7.95	10.6	3.322	91.2
840	10/13/2012 9:30:50	13.13	51.02	33.45	7.87	7.95	9.2	3.411	92.2
841	10/13/2012 9:45:50	12.84	50.99	33.41	8.08	7.96	9.2	3.500	94.2
842	10/13/2012 10:00:50	12.56	50.97	33.39	8.28	7.97	9.0	3.582	95.9
843	10/13/2012 10:15:50	12.37	51.03	33.42	8.40	7.98	7.1	3.649	96.9
844	10/13/2012 10:30:50	12.30	51.01	33.40	8.44	7.99	6.5	3.718	97.2
845	10/13/2012 10:45:51	12.34	51.06	33.44	8.43	7.99	4.7	3.756	97.2
846	10/13/2012 11:00:51	12.32	51.05	33.43	8.38	7.99	4.3	3.783	96.6
847	10/13/2012 11:15:50	12.78	51.06	33.46	8.05	7.97	4.0	3.800	93.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	10/13/2012 11:30:50	12.46	51.06	33.45	8.26	7.98	4.2	3.778	95.5
849	10/13/2012 11:45:50	12.69	50.96	33.39	8.18	7.98	6.1	3.727	95.0
850	10/13/2012 12:00:51	12.59	51.14	33.52	8.28	7.98	5.2	3.675	96.0
851	10/13/2012 12:15:50	13.08	51.04	33.46	8.20	7.98	6.8	3.585	96.0
852	10/13/2012 12:30:51	12.98	51.06	33.47	8.59	8.00	10.2	3.482	100.4
853	10/13/2012 12:45:51	13.08	51.10	33.51	8.48	8.00	7.8	3.380	99.3
854	10/13/2012 13:00:50	13.42	50.92	33.38	8.28	7.98	8.6	3.265	97.6
855	10/13/2012 13:15:50	13.71	51.07	33.50	8.00	7.97	8.6	3.133	94.9
856	10/13/2012 13:30:50	14.14	51.04	33.50	7.86	7.96	7.9	3.037	94.1
857	10/13/2012 13:45:50	14.56	50.98	33.47	7.80	7.96	7.5	2.922	94.1
858	10/13/2012 14:00:50	14.80	51.21	33.64	7.79	7.97	6.7	2.796	94.5
859	10/13/2012 14:15:50	14.78	51.16	33.61	7.90	7.97	6.8	2.679	95.9
860	10/13/2012 14:30:50	14.73	51.08	33.55	8.16	7.99	6.8	2.563	98.9
861	10/13/2012 14:45:50	14.62	51.14	33.59	8.39	8.00	6.1	2.452	101.5
862	10/13/2012 15:00:50	14.65	51.10	33.56	8.64	8.02	5.6	2.311	104.5
863	10/13/2012 15:15:50	14.80	51.12	33.58	8.86	8.03	5.7	2.192	107.5
864	10/13/2012 15:30:51	14.88	51.17	33.61	8.60	8.02	5.4	2.097	104.5
865	10/13/2012 15:45:51	15.00	51.22	33.66	8.62	8.03	5.1	1.974	105.1
866	10/13/2012 16:00:50	15.08	51.06	33.54	8.63	8.03	5.1	1.866	105.2
867	10/13/2012 16:15:50	15.18	51.09	33.56	8.53	8.02	4.7	1.787	104.3
868	10/13/2012 16:30:50	15.21	50.94	33.46	8.55	8.03	5.4	1.735	104.5
869	10/13/2012 16:45:50	15.27	51.11	33.58	8.44	8.02	4.4	1.693	103.4
870	10/13/2012 17:00:50	15.33	51.10	33.58	8.58	8.03	4.2	1.655	105.3
871	10/13/2012 17:15:50	15.27	50.99	33.49	8.78	8.04	5.9	1.693	107.5
872	10/13/2012 17:30:50	15.33	51.06	33.55	8.75	8.04	5.1	1.718	107.3
873	10/13/2012 17:45:50	15.41	51.15	33.61	8.66	8.03	5.0	1.766	106.4
874	10/13/2012 18:00:50	15.65	51.20	33.65	8.79	8.05	4.5	1.842	108.6
875	10/13/2012 18:15:50	15.61	51.04	33.53	8.70	8.04	4.4	1.909	107.3
876	10/13/2012 18:30:50	15.84	51.03	33.53	8.37	8.00	7.9	2.026	103.6
877	10/13/2012 18:45:50	15.69	51.01	33.52	8.33	7.99	7.3	2.111	102.8
878	10/13/2012 19:00:50	15.51	51.13	33.60	8.32	8.00	6.4	2.186	102.4
879	10/13/2012 19:15:50	15.39	51.12	33.59	8.32	8.00	5.5	2.289	102.2
880	10/13/2012 19:30:50	15.36	51.14	33.61	8.29	8.00	5.3	2.373	101.8
881	10/13/2012 19:45:50	15.31	51.19	33.64	8.22	7.99	5.7	2.467	100.8
882	10/13/2012 20:00:50	15.16	51.17	33.63	7.97	7.98	6.2	2.547	97.4
883	10/13/2012 20:15:50	15.06	51.11	33.58	7.76	7.96	6.2	2.646	94.7
884	10/13/2012 20:30:50	14.94	51.23	33.66	7.62	7.95	7.8	2.742	92.8
885	10/13/2012 20:45:50	14.77	51.20	33.63	7.62	7.95	7.4	2.831	92.5
886	10/13/2012 21:00:50	14.54	51.19	33.62	7.67	7.95	7.1	2.917	92.6
887	10/13/2012 21:15:51	14.44	51.16	33.59	7.67	7.95	8.3	3.006	92.4
888	10/13/2012 21:30:50	14.28	51.11	33.56	7.71	7.95	8.7	3.094	92.6
889	10/13/2012 21:45:50	14.05	50.98	33.45	7.84	7.95	9.5	3.173	93.7
890	10/13/2012 22:00:50	13.77	50.89	33.37	7.96	7.96	10.2	3.263	94.5
891	10/13/2012 22:15:50	13.52	51.01	33.45	8.05	7.97	10.0	3.342	95.1
892	10/13/2012 22:30:50	13.28	50.90	33.37	8.23	7.98	8.6	3.417	96.7
893	10/13/2012 22:45:51	13.07	50.99	33.42	8.40	7.99	7.8	3.494	98.4
894	10/13/2012 23:00:50	12.94	50.91	33.36	8.52	8.00	7.2	3.544	99.4
895	10/13/2012 23:15:50	12.93	50.92	33.37	8.52	8.00	5.0	3.575	99.4
896	10/13/2012 23:30:50	12.91	50.93	33.37	8.50	8.00	4.3	3.610	99.2
897	10/13/2012 23:45:50	13.29	50.92	33.38	8.20	7.98	4.4	3.619	96.4
898	10/14/2012 0:00:51	13.15	51.03	33.45	8.28	7.99	4.4	3.588	97.1
899	10/14/2012 0:15:50	13.31	51.04	33.47	8.21	7.98	5.0	3.541	96.6
900	10/14/2012 0:30:51	13.37	50.93	33.39	8.15	7.98	5.5	3.497	95.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	10/14/2012 0:45:50	13.79	51.02	33.47	7.84	7.96	6.1	3.414	93.1
902	10/14/2012 1:00:50	13.66	50.96	33.43	7.73	7.95	8.3	3.312	91.6
903	10/14/2012 1:15:50	13.51	50.90	33.38	7.83	7.95	6.4	3.223	92.5
904	10/14/2012 1:30:50	13.82	51.07	33.51	7.71	7.95	6.9	3.109	91.7
905	10/14/2012 1:45:50	14.19	50.96	33.45	7.58	7.94	6.5	3.011	90.8
906	10/14/2012 2:00:50	14.60	51.15	33.60	7.47	7.94	6.0	2.903	90.3
907	10/14/2012 2:15:50	14.82	51.17	33.61	7.45	7.95	6.5	2.791	90.4
908	10/14/2012 2:30:50	14.99	51.15	33.61	7.44	7.95	6.8	2.688	90.7
909	10/14/2012 2:45:50	14.95	51.18	33.62	7.54	7.96	6.4	2.585	91.8
910	10/14/2012 3:00:50	14.73	51.12	33.58	7.56	7.95	7.0	2.482	91.6
911	10/14/2012 3:15:50	14.57	51.15	33.60	7.51	7.94	6.5	2.369	90.7
912	10/14/2012 3:30:50	14.41	51.14	33.58	7.48	7.93	7.0	2.262	90.0
913	10/14/2012 3:45:51	14.48	51.19	33.62	7.46	7.93	6.4	2.169	89.9
914	10/14/2012 4:00:51	14.52	51.17	33.61	7.43	7.93	6.1	2.090	89.7
915	10/14/2012 4:15:50	14.65	51.17	33.61	7.45	7.93	5.4	1.991	90.1
916	10/14/2012 4:30:51	14.72	51.19	33.62	7.37	7.93	5.1	1.932	89.3
917	10/14/2012 4:45:51	14.90	51.24	33.67	7.43	7.94	4.6	1.910	90.4
918	10/14/2012 5:00:51	14.91	51.18	33.63	7.45	7.94	4.2	1.869	90.7
919	10/14/2012 5:15:51	14.96	51.34	33.75	7.49	7.95	4.2	1.868	91.3
920	10/14/2012 5:30:51	15.02	51.15	33.61	7.57	7.95	4.3	1.901	92.2
921	10/14/2012 5:45:50	15.12	51.11	33.58	7.65	7.96	4.0	1.940	93.5
922	10/14/2012 6:00:50	15.28	51.21	33.66	7.76	7.98	3.8	1.995	95.1
923	10/14/2012 6:15:50	15.35	51.20	33.65	7.78	7.98	5.0	2.072	95.5
924	10/14/2012 6:30:50	15.30	51.15	33.61	7.66	7.96	6.0	2.170	93.9
925	10/14/2012 6:45:50	15.43	51.02	33.52	7.53	7.95	7.2	2.260	92.5
926	10/14/2012 7:00:50	15.23	51.08	33.56	7.53	7.95	6.4	2.354	92.1
927	10/14/2012 7:15:51	15.09	51.14	33.60	7.50	7.94	5.8	2.443	91.6
928	10/14/2012 7:30:51	15.04	51.17	33.62	7.48	7.94	6.1	2.546	91.2
929	10/14/2012 7:45:50	14.96	50.98	33.48	7.48	7.94	6.6	2.633	91.0
930	10/14/2012 8:00:50	14.70	51.06	33.53	7.51	7.94	6.4	2.725	90.9
931	10/14/2012 8:15:50	14.58	51.05	33.52	7.51	7.94	7.2	2.832	90.7
932	10/14/2012 8:30:50	14.38	51.09	33.54	7.53	7.94	8.4	2.922	90.6
933	10/14/2012 8:45:50	14.20	51.08	33.53	7.58	7.94	8.7	3.020	90.9
934	10/14/2012 9:00:50	14.03	50.96	33.44	7.65	7.94	10.1	3.117	91.3
935	10/14/2012 9:15:51	13.90	51.12	33.55	7.72	7.95	10.7	3.216	92.0
936	10/14/2012 9:30:51	13.59	51.04	33.48	7.90	7.96	12.2	3.318	93.6
937	10/14/2012 9:45:50	13.36	51.03	33.47	8.06	7.97	11.0	3.416	95.0
938	10/14/2012 10:00:51	13.08	51.05	33.47	8.29	7.98	11.2	3.514	97.1
939	10/14/2012 10:15:50	12.86	50.92	33.36	8.49	8.00	9.5	3.612	98.9
940	10/14/2012 10:30:50	12.75	50.93	33.36	8.60	8.00	8.7	3.702	99.9
941	10/14/2012 10:45:51	12.68	50.99	33.41	8.69	8.01	7.5	3.775	100.9
942	10/14/2012 11:00:51	12.65	51.00	33.41	8.72	8.02	5.9	3.843	101.1
943	10/14/2012 11:15:51	12.64	51.02	33.43	8.74	8.02	4.7	3.904	101.5
944	10/14/2012 11:30:51	12.57	50.96	33.38	8.81	8.03	4.4	3.936	102.0
945	10/14/2012 11:45:51	13.13	50.97	33.41	8.44	8.00	4.5	3.949	98.9
946	10/14/2012 12:00:51	12.85	50.97	33.40	8.56	8.01	4.8	3.938	99.7
947	10/14/2012 12:15:51	13.05	50.99	33.42	8.54	8.01	4.7	3.902	99.9
948	10/14/2012 12:30:50	12.97	50.76	33.25	8.79	8.02	5.0	3.838	102.6
949	10/14/2012 12:45:50	13.09	50.90	33.36	8.76	8.02	6.8	3.736	102.5
950	10/14/2012 13:00:51	13.06	50.86	33.33	9.07	8.04	7.3	3.634	106.1
951	10/14/2012 13:15:50	13.25	50.88	33.35	9.03	8.04	6.4	3.523	106.0
952	10/14/2012 13:30:50	13.48	51.01	33.46	8.62	8.01	8.5	3.393	101.8
953	10/14/2012 13:45:51	13.53	50.99	33.44	8.50	8.01	9.6	3.258	100.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	10/14/2012 14:00:50	13.99	50.83	33.34	8.38	8.00	9.8	3.140	99.9
955	10/14/2012 14:15:50	14.42	51.10	33.55	8.25	7.99	9.0	3.008	99.3
956	10/14/2012 14:30:50	14.77	51.11	33.57	8.31	8.00	8.2	2.882	100.7
957	10/14/2012 14:45:51	14.89	51.16	33.61	8.39	8.00	8.3	2.752	102.0
958	10/14/2012 15:00:51	14.69	51.05	33.52	8.65	8.02	7.1	2.619	104.7
959	10/14/2012 15:15:50	14.39	51.05	33.52	8.79	8.03	6.1	2.478	105.8
960	10/14/2012 15:30:50	14.57	51.04	33.51	9.01	8.03	6.6	2.340	108.8
961	10/14/2012 15:45:50	14.66	51.08	33.54	9.01	8.04	6.6	2.201	109.0
962	10/14/2012 16:00:50	14.73	50.99	33.48	8.76	8.03	7.1	2.071	106.1
963	10/14/2012 16:15:50	14.97	51.12	33.58	8.54	8.02	6.5	1.914	104.1
964	10/14/2012 16:30:51	15.10	51.15	33.61	8.53	8.02	6.7	1.796	104.2
965	10/14/2012 16:45:50	15.18	51.02	33.52	8.50	8.01	6.1	1.678	103.9
966	10/14/2012 17:00:50	15.32	51.04	33.53	8.50	8.02	6.1	1.572	104.1
967	10/14/2012 17:15:50	15.50	51.03	33.53	8.57	8.02	6.4	1.503	105.4
968	10/14/2012 17:30:50	15.55	51.10	33.58	8.54	8.02	5.9	1.442	105.2
969	10/14/2012 17:45:50	15.74	51.18	33.64	8.60	8.03	5.5	1.420	106.4
970	10/14/2012 18:00:50	15.50	50.92	33.45	8.64	8.03	5.5	1.448	106.2
971	10/14/2012 18:15:50	15.90	51.13	33.61	8.69	8.04	5.0	1.489	107.8
972	10/14/2012 18:30:51	15.86	51.19	33.65	8.66	8.03	5.4	1.547	107.3
973	10/14/2012 18:45:50	16.17	51.19	33.66	8.80	8.05	5.6	1.647	109.7
974	10/14/2012 19:00:50	16.03	51.23	33.69	8.76	8.04	6.7	1.749	109.0
975	10/14/2012 19:15:50	16.30	50.97	33.50	8.28	7.99	9.4	1.836	103.5
976	10/14/2012 19:30:50	16.13	51.05	33.56	8.37	8.00	7.2	1.941	104.3
977	10/14/2012 19:45:51	15.82	51.06	33.56	8.44	8.00	6.7	2.045	104.5
978	10/14/2012 20:00:50	15.69	50.95	33.47	8.45	8.00	6.1	2.134	104.3
979	10/14/2012 20:15:50	15.69	51.09	33.57	8.43	8.00	6.0	2.223	104.1
980	10/14/2012 20:30:50	15.59	50.93	33.46	8.42	8.00	6.2	2.336	103.7
981	10/14/2012 20:45:50	15.44	50.93	33.45	8.24	7.99	6.9	2.444	101.1
982	10/14/2012 21:00:50	15.39	51.04	33.54	8.05	7.98	7.0	2.532	98.8
983	10/14/2012 21:15:50	15.26	51.14	33.61	7.98	7.97	7.5	2.636	97.8
984	10/14/2012 21:30:50	15.05	50.98	33.48	8.00	7.97	8.6	2.741	97.6
985	10/14/2012 21:45:50	14.92	51.07	33.55	7.99	7.97	9.1	2.838	97.2
986	10/14/2012 22:00:51	14.81	51.10	33.57	7.96	7.97	11.1	2.934	96.6
987	10/14/2012 22:15:50	14.55	51.02	33.50	8.06	7.97	11.8	3.032	97.2
988	10/14/2012 22:30:50	14.31	50.98	33.46	8.15	7.97	10.0	3.115	97.9
989	10/14/2012 22:45:50	14.05	50.95	33.43	8.24	7.98	12.5	3.213	98.5
990	10/14/2012 23:00:50	13.75	50.99	33.45	8.45	7.99	11.9	3.302	100.3
991	10/14/2012 23:15:50	13.51	50.90	33.38	8.67	8.01	10.1	3.381	102.3
992	10/14/2012 23:30:50	13.37	50.95	33.41	8.84	8.02	9.2	3.456	104.1
993	10/14/2012 23:45:51	13.24	50.88	33.35	9.00	8.04	7.9	3.534	105.7
994	10/15/2012 0:00:51	13.17	50.94	33.39	9.02	8.04	7.0	3.587	105.8
995	10/15/2012 0:15:50	13.10	50.80	33.28	9.06	8.05	4.7	3.630	106.0
996	10/15/2012 0:30:50	13.66	50.69	33.23	8.62	8.01	5.4	3.652	102.0
997	10/15/2012 0:45:51	13.42	50.99	33.44	8.70	8.02	4.1	3.648	102.6
998	10/15/2012 1:00:51	13.61	50.87	33.36	8.59	8.01	5.6	3.621	101.6
999	10/15/2012 1:15:51	13.49	51.00	33.45	8.62	8.02	6.5	3.549	101.8
1000	10/15/2012 1:30:50	13.66	50.94	33.41	8.43	8.00	6.7	3.474	99.9
1001	10/15/2012 1:45:50	13.72	50.83	33.33	8.20	7.98	7.7	3.386	97.3
1002	10/15/2012 2:00:50	13.47	50.82	33.32	8.51	8.00	7.1	3.277	100.4
1003	10/15/2012 2:15:50	13.87	50.88	33.37	8.16	7.98	8.3	3.164	97.1
1004	10/15/2012 2:30:50	14.28	50.94	33.43	7.84	7.96	6.7	3.061	94.1
1005	10/15/2012 2:45:50	14.59	51.03	33.51	7.68	7.95	6.9	2.941	92.8
1006	10/15/2012 3:00:50	15.00	51.03	33.51	7.39	7.93	6.8	2.836	90.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1007	10/15/2012 3:15:50	15.09	51.01	33.51	7.33	7.92	7.5	2.744	89.4
1008	10/15/2012 3:30:50	15.22	50.97	33.48	7.38	7.92	6.4	2.638	90.3
1009	10/15/2012 3:45:50	15.09	51.04	33.52	7.45	7.92	6.7	2.517	90.9
1010	10/15/2012 4:00:50	14.87	51.05	33.53	7.54	7.93	6.9	2.429	91.6
1011	10/15/2012 4:15:50	14.64	51.00	33.49	7.72	7.94	7.3	2.341	93.3
1012	10/15/2012 4:30:50	14.64	50.97	33.46	7.70	7.94	6.7	2.230	93.1
1013	10/15/2012 4:45:50	14.76	51.05	33.52	7.60	7.94	6.4	2.149	92.2
1014	10/15/2012 5:00:50	14.91	50.92	33.43	7.58	7.94	5.7	2.088	92.1
1015	10/15/2012 5:15:50	14.80	51.03	33.51	7.51	7.93	5.7	2.015	91.1
1016	10/15/2012 5:30:50	14.99	51.05	33.53	7.49	7.93	5.3	1.980	91.2
1017	10/15/2012 5:45:51	15.03	51.16	33.61	7.49	7.94	5.3	1.956	91.4
1018	10/15/2012 6:00:50	15.18	50.99	33.49	7.51	7.94	5.3	1.949	91.8
1019	10/15/2012 6:15:50	15.19	50.97	33.48	7.57	7.94	4.9	1.990	92.5
1020	10/15/2012 6:30:50	15.28	51.04	33.53	7.60	7.95	4.2	2.023	93.1
1021	10/15/2012 6:45:50	15.50	51.08	33.57	7.60	7.95	4.5	2.087	93.6
1022	10/15/2012 7:00:50	15.44	51.11	33.58	7.63	7.95	4.8	2.166	93.8
1023	10/15/2012 7:15:50	15.44	51.06	33.55	7.54	7.94	6.8	2.268	92.7
1024	10/15/2012 7:30:50	15.47	50.98	33.49	7.45	7.93	8.0	2.360	91.6
1025	10/15/2012 7:45:50	15.23	51.05	33.54	7.50	7.93	7.2	2.455	91.8
1026	10/15/2012 8:00:50	15.13	51.05	33.54	7.49	7.93	6.8	2.558	91.5
1027	10/15/2012 8:15:51	15.09	51.10	33.57	7.54	7.94	7.9	2.646	92.0
1028	10/15/2012 8:30:51	14.77	51.00	33.49	7.73	7.95	8.0	2.758	93.7
1029	10/15/2012 8:45:51	14.64	51.08	33.54	7.82	7.95	8.1	2.850	94.6
1030	10/15/2012 9:00:51	14.46	51.06	33.52	7.88	7.95	9.9	2.948	94.9
1031	10/15/2012 9:15:50	14.24	50.94	33.43	7.98	7.96	9.4	3.043	95.7
1032	10/15/2012 9:30:50	14.07	50.82	33.34	8.10	7.97	11.4	3.150	96.7
1033	10/15/2012 9:45:51	13.94	50.98	33.45	8.21	7.98	12.0	3.262	97.8
1034	10/15/2012 10:00:51	13.55	50.93	33.40	8.43	7.99	13.1	3.365	99.6
1035	10/15/2012 10:15:51	13.22	50.86	33.34	8.69	8.01	13.7	3.476	101.9
1036	10/15/2012 10:30:51	12.82	50.86	33.32	8.98	8.03	12.0	3.589	104.5
1037	10/15/2012 10:45:51	12.73	50.90	33.34	9.04	8.03	10.6	3.689	105.0
1038	10/15/2012 11:00:51	12.64	50.87	33.32	9.09	8.04	10.8	3.785	105.4
1039	10/15/2012 11:15:51	12.43	50.90	33.33	9.26	8.05	8.9	3.868	106.9
1040	10/15/2012 11:30:51	12.29	50.80	33.25	9.34	8.05	8.1	3.950	107.5
1041	10/15/2012 11:45:51	12.13	50.83	33.27	9.46	8.06	6.1	4.017	108.5
1042	10/15/2012 12:00:51	12.13	50.71	33.18	9.48	8.06	4.2	4.049	108.6
1043	10/15/2012 12:15:50	12.07	50.88	33.30	9.43	8.06	3.8	4.082	108.0
1044	10/15/2012 12:30:50	12.69	50.67	33.17	9.06	8.04	4.8	4.084	105.0
1045	10/15/2012 12:45:51	12.55	50.81	33.27	9.15	8.04	6.8	4.051	105.9
1046	10/15/2012 13:00:51	12.35	50.84	33.28	9.34	8.05	5.8	3.997	107.6
1047	10/15/2012 13:15:50	12.67	50.55	33.09	9.37	8.06	6.5	3.913	108.5
1048	10/15/2012 13:30:51	12.75	50.89	33.34	9.50	8.07	7.0	3.811	110.4
1049	10/15/2012 13:45:51	12.66	50.81	33.28	9.64	8.08	6.4	3.691	111.8
1050	10/15/2012 14:00:51	13.24	50.88	33.35	9.17	8.05	9.9	3.558	107.7
1051	10/15/2012 14:15:51	13.42	50.78	33.29	8.95	8.03	8.3	3.418	105.5
1052	10/15/2012 14:30:50	13.57	50.85	33.34	8.86	8.03	9.7	3.279	104.8
1053	10/15/2012 14:45:50	14.19	50.77	33.30	8.65	8.02	7.5	3.158	103.5
1054	10/15/2012 15:00:50	14.34	50.81	33.34	8.49	8.01	8.1	3.024	102.0
1055	10/15/2012 15:15:50	14.55	50.81	33.34	8.45	8.00	7.9	2.869	101.9
1056	10/15/2012 15:30:50	14.48	50.89	33.40	8.63	8.01	7.0	2.726	104.0
1057	10/15/2012 15:45:50	14.01	50.78	33.30	9.21	8.04	6.2	2.589	109.8
1058	10/15/2012 16:00:50	13.99	50.76	33.29	9.27	8.05	6.5	2.443	110.4
1059	10/15/2012 16:15:50	14.13	50.75	33.29	9.10	8.05	6.1	2.282	108.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1060	10/15/2012 16:30:50	14.52	50.88	33.39	8.90	8.04	7.4	2.144	107.2
1061	10/15/2012 16:45:50	14.81	50.88	33.40	8.71	8.02	9.4	1.999	105.6
1062	10/15/2012 17:00:50	15.00	50.96	33.46	8.44	8.01	9.6	1.832	102.7
1063	10/15/2012 17:15:50	15.23	50.99	33.49	8.28	8.00	8.8	1.678	101.3
1064	10/15/2012 17:30:50	15.45	51.02	33.52	8.23	7.99	8.7	1.555	101.1
1065	10/15/2012 17:45:50	15.53	50.82	33.37	8.21	7.99	8.2	1.437	100.9
1066	10/15/2012 18:00:50	15.60	50.90	33.43	8.21	7.99	8.2	1.356	101.1
1067	10/15/2012 18:15:50	15.76	51.02	33.52	8.21	7.99	7.4	1.297	101.5
1068	10/15/2012 18:30:50	15.84	50.92	33.46	8.23	7.99	6.6	1.233	101.9
1069	10/15/2012 18:45:50	15.51	50.97	33.48	8.22	7.99	7.8	1.259	101.1
1070	10/15/2012 19:00:51	15.82	51.07	33.56	8.23	7.99	6.6	1.322	101.9
1071	10/15/2012 19:15:50	15.90	51.06	33.56	8.22	7.99	6.8	1.391	102.0
1072	10/15/2012 19:30:50	16.30	50.94	33.48	8.19	7.99	6.0	1.459	102.3
1073	10/15/2012 19:45:50	16.25	50.92	33.46	8.24	7.99	6.4	1.585	102.8
1074	10/15/2012 20:00:50	16.39	50.82	33.39	7.77	7.93	10.2	1.666	97.1
1075	10/15/2012 20:15:50	16.24	50.89	33.44	7.88	7.95	8.8	1.786	98.3
1076	10/15/2012 20:30:50	15.97	50.94	33.47	8.01	7.96	8.3	1.887	99.5
1077	10/15/2012 20:45:51	15.82	50.96	33.48	8.06	7.97	7.4	2.002	99.7
1078	10/15/2012 21:00:51	15.77	50.96	33.48	8.09	7.97	7.2	2.117	100.1
1079	10/15/2012 21:15:50	15.60	50.89	33.43	8.17	7.98	7.3	2.226	100.6
1080	10/15/2012 21:30:50	15.48	50.97	33.48	8.11	7.97	7.2	2.324	99.7
1081	10/15/2012 21:45:50	15.46	50.79	33.35	8.02	7.97	7.6	2.436	98.5
1082	10/15/2012 22:00:50	15.35	50.90	33.43	8.02	7.97	8.4	2.564	98.3
1083	10/15/2012 22:15:50	15.14	50.94	33.45	8.06	7.97	8.7	2.656	98.3
1084	10/15/2012 22:30:51	15.02	50.96	33.46	8.06	7.97	10.3	2.756	98.2
1085	10/15/2012 22:45:50	14.92	50.85	33.38	8.06	7.97	11.5	2.854	98.0
1086	10/15/2012 23:00:50	14.53	50.83	33.36	8.22	7.98	13.6	2.962	99.1
1087	10/15/2012 23:15:51	14.22	50.91	33.40	8.39	7.99	14.0	3.043	100.5
1088	10/15/2012 23:30:51	13.82	50.83	33.34	8.61	8.00	13.3	3.160	102.2
1089	10/15/2012 23:45:50	13.53	50.66	33.20	8.84	8.01	13.9	3.243	104.4
1090	10/16/2012 0:00:50	13.39	50.81	33.30	8.89	8.02	12.1	3.335	104.7
1091	10/16/2012 0:15:50	13.13	50.83	33.31	8.95	8.02	10.7	3.413	104.8
1092	10/16/2012 0:30:51	12.98	50.86	33.33	8.97	8.02	9.8	3.509	104.7
1093	10/16/2012 0:45:51	12.85	50.84	33.30	9.00	8.01	8.2	3.575	104.7
1094	10/16/2012 1:00:50	12.74	50.85	33.31	8.98	8.01	5.9	3.622	104.4
1095	10/16/2012 1:15:50	12.64	50.81	33.28	9.00	8.01	5.4	3.643	104.3
1096	10/16/2012 1:30:51	13.12	50.84	33.32	8.73	8.00	7.2	3.649	102.3
1097	10/16/2012 1:45:50	12.80	50.73	33.22	8.86	8.01	6.8	3.624	103.0
1098	10/16/2012 2:00:50	12.87	50.75	33.24	8.82	8.00	5.7	3.584	102.7
1099	10/16/2012 2:15:50	13.76	50.58	33.15	8.46	7.99	7.5	3.519	100.3
1100	10/16/2012 2:30:50	13.88	50.47	33.08	8.32	7.98	9.0	3.413	98.8
1101	10/16/2012 2:45:50	13.45	50.55	33.12	8.57	8.00	7.5	3.313	100.9
1102	10/16/2012 3:00:50	13.71	50.59	33.16	8.46	7.99	8.1	3.212	100.2
1103	10/16/2012 3:15:51	14.18	50.83	33.35	8.17	7.97	7.9	3.095	97.8
1104	10/16/2012 3:30:51	14.40	50.74	33.29	8.01	7.96	7.2	3.000	96.3
1105	10/16/2012 3:45:50	14.74	50.69	33.26	7.75	7.94	7.3	2.899	93.7
1106	10/16/2012 4:00:50	15.00	50.64	33.23	7.63	7.93	7.8	2.798	92.7
1107	10/16/2012 4:15:50	14.99	50.64	33.23	7.66	7.94	6.8	2.695	93.1
1108	10/16/2012 4:30:50	15.22	50.63	33.23	7.49	7.92	6.8	2.606	91.5
1109	10/16/2012 4:45:51	15.12	50.78	33.33	7.59	7.93	6.5	2.504	92.6
1110	10/16/2012 5:00:50	14.93	50.39	33.04	7.74	7.94	6.3	2.413	93.9
1111	10/16/2012 5:15:51	14.82	50.68	33.25	7.81	7.95	5.9	2.327	94.6
1112	10/16/2012 5:30:50	14.85	50.47	33.11	7.80	7.95	6.4	2.234	94.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1113	10/16/2012 5:45:50	14.88	50.52	33.14	7.77	7.94	5.9	2.179	94.2
1114	10/16/2012 6:00:51	15.10	50.66	33.25	7.66	7.94	5.4	2.109	93.3
1115	10/16/2012 6:15:50	15.17	50.48	33.12	7.60	7.93	5.7	2.058	92.7
1116	10/16/2012 6:30:50	15.21	50.56	33.18	7.48	7.93	5.6	2.037	91.3
1117	10/16/2012 6:45:51	14.85	50.49	33.11	7.63	7.93	6.5	2.030	92.4
1118	10/16/2012 7:00:51	15.16	50.41	33.07	7.60	7.93	5.9	2.033	92.6
1119	10/16/2012 7:15:50	15.08	50.35	33.02	7.60	7.93	6.4	2.083	92.5
1120	10/16/2012 7:30:50	15.24	50.51	33.14	7.61	7.93	6.4	2.148	92.9
1121	10/16/2012 7:45:50	15.45	50.41	33.07	7.51	7.92	6.4	2.245	92.1
1122	10/16/2012 8:00:50	15.55	50.15	32.89	7.39	7.90	7.5	2.341	90.7
1123	10/16/2012 8:15:50	15.46	50.42	33.08	7.45	7.91	8.4	2.445	91.3
1124	10/16/2012 8:30:50	15.34	50.41	33.07	7.51	7.92	7.6	2.557	91.9
1125	10/16/2012 8:45:50	15.25	50.58	33.19	7.55	7.92	7.9	2.638	92.2
1126	10/16/2012 9:00:50	14.85	50.42	33.07	7.80	7.94	7.4	2.745	94.4
1127	10/16/2012 9:15:50	14.64	50.62	33.20	7.94	7.95	8.0	2.847	95.8
1128	10/16/2012 9:30:50	14.58	50.62	33.21	7.97	7.95	7.4	2.945	96.1
1129	10/16/2012 9:45:51	14.50	50.63	33.21	8.01	7.96	8.9	3.045	96.4
1130	10/16/2012 10:00:51	14.29	50.66	33.23	8.13	7.97	8.9	3.146	97.5
1131	10/16/2012 10:15:51	14.11	50.68	33.23	8.22	7.97	10.4	3.249	98.2
1132	10/16/2012 10:30:50	13.74	50.52	33.11	8.35	7.97	10.8	3.353	98.9
1133	10/16/2012 10:45:51	13.45	50.72	33.24	8.46	7.98	12.5	3.466	99.7
1134	10/16/2012 11:00:51	13.22	50.69	33.21	8.58	7.98	12.3	3.569	100.6
1135	10/16/2012 11:15:51	12.92	50.78	33.26	8.69	7.99	11.1	3.676	101.3
1136	10/16/2012 11:30:51	12.82	50.78	33.26	8.69	7.99	11.5	3.776	101.1
1137	10/16/2012 11:45:51	12.74	50.70	33.20	8.72	7.99	10.5	3.868	101.2
1138	10/16/2012 12:00:51	12.70	50.84	33.30	8.72	7.99	8.7	3.947	101.3
1139	10/16/2012 12:15:50	12.65	50.40	32.98	8.75	7.99	8.2	4.021	101.2
1140	10/16/2012 12:30:51	12.60	50.79	33.26	8.74	8.00	6.6	4.077	101.2
1141	10/16/2012 12:45:51	12.57	50.81	33.27	8.73	8.00	5.0	4.113	101.0
1142	10/16/2012 13:00:51	12.58	50.81	33.27	8.64	7.99	4.5	4.123	100.0
1143	10/16/2012 13:15:51	12.59	50.84	33.29	8.64	7.99	5.6	4.105	100.0
1144	10/16/2012 13:30:51	13.09	50.66	33.19	8.65	7.99	10.4	4.056	101.2
1145	10/16/2012 13:45:51	12.97	50.73	33.23	8.70	7.99	10.9	3.992	101.5
1146	10/16/2012 14:00:51	13.06	50.72	33.22	8.77	8.00	13.6	3.901	102.5
1147	10/16/2012 14:15:51	13.16	50.63	33.16	8.91	8.01	13.3	3.785	104.3
1148	10/16/2012 14:30:50	13.42	50.65	33.19	8.83	8.00	14.4	3.659	103.9
1149	10/16/2012 14:45:51	13.67	50.64	33.19	8.71	8.00	17.2	3.526	103.1
1150	10/16/2012 15:00:50	13.87	50.39	33.02	8.57	7.99	16.7	3.392	101.7
1151	10/16/2012 15:15:50	14.23	50.63	33.20	8.45	7.98	16.4	3.250	101.2
1152	10/16/2012 15:30:51	14.51	50.57	33.16	8.39	7.98	19.0	3.101	101.0
1153	10/16/2012 15:45:51	14.66	50.48	33.10	8.34	7.98	22.2	2.962	100.7
1154	10/16/2012 16:00:50	14.80	50.43	33.07	8.32	7.97	24.5	2.805	100.6
1155	10/16/2012 16:15:50	14.41	50.68	33.24	8.52	7.99	24.2	2.660	102.4
1156	10/16/2012 16:30:51	14.36	50.57	33.16	8.61	8.00	24.6	2.494	103.4
1157	10/16/2012 16:45:51	14.51	50.64	33.22	8.68	8.00	22.4	2.338	104.5
1158	10/16/2012 17:00:50	14.76	50.48	33.11	8.66	8.00	28.2	2.191	104.7
1159	10/16/2012 17:15:50	15.09	50.50	33.13	8.53	8.00	35.3	2.024	103.9
1160	10/16/2012 17:30:50	15.40	50.65	33.25	8.28	7.98	45.2	1.853	101.4
1161	10/16/2012 17:45:50	15.54	50.58	33.20	8.20	7.97	44.0	1.696	100.8
1162	10/16/2012 18:00:50	15.66	50.52	33.16	8.14	7.97	44.9	1.523	100.3
1163	10/16/2012 18:15:50	15.76	50.51	33.15	8.14	7.97	36.2	1.381	100.4
1164	10/16/2012 18:30:50	15.82	50.52	33.16	8.14	7.97	29.8	1.245	100.6
1165	10/16/2012 18:45:50	15.91	50.52	33.16	8.13	7.97	26.6	1.138	100.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	10/16/2012 19:00:50	15.93	50.53	33.17	8.10	7.97	19.5	1.061	100.3
1167	10/16/2012 19:15:50	15.57	50.44	33.10	8.07	7.96	18.8	1.029	99.1
1168	10/16/2012 19:30:50	15.73	50.60	33.21	8.12	7.97	18.3	1.069	100.2
1169	10/16/2012 19:45:50	16.19	50.51	33.16	8.10	7.96	15.0	1.148	100.8
1170	10/16/2012 20:00:50	16.31	50.53	33.18	8.06	7.96	14.9	1.249	100.5
1171	10/16/2012 20:15:50	16.51	50.51	33.16	7.95	7.94	17.7	1.366	99.5
1172	10/16/2012 20:30:50	16.51	50.36	33.05	7.92	7.94	16.9	1.459	99.1
1173	10/16/2012 20:45:50	16.50	50.35	33.04	7.88	7.93	15.3	1.546	98.6
1174	10/16/2012 21:00:50	16.52	50.06	32.84	7.83	7.92	15.1	1.650	97.9
1175	10/16/2012 21:15:50	16.52	50.29	33.00	7.81	7.92	15.2	1.753	97.7
1176	10/16/2012 21:30:50	16.32	50.20	32.94	7.88	7.93	17.6	1.839	98.2
1177	10/16/2012 21:45:50	16.14	50.10	32.86	7.94	7.93	14.4	1.943	98.5
1178	10/16/2012 22:00:50	16.08	50.28	32.99	7.92	7.93	15.7	2.069	98.2
1179	10/16/2012 22:15:50	15.98	50.52	33.17	7.99	7.94	26.1	2.175	99.1
1180	10/16/2012 22:30:50	15.87	50.53	33.17	8.03	7.95	21.6	2.306	99.3
1181	10/16/2012 22:45:50	15.86	50.51	33.16	8.07	7.95	19.9	2.419	99.8
1182	10/16/2012 23:00:51	15.76	50.60	33.22	8.12	7.96	23.4	2.527	100.2
1183	10/16/2012 23:15:50	15.60	50.55	33.18	8.10	7.95	24.7	2.646	99.7
1184	10/16/2012 23:30:50	15.47	50.57	33.19	8.15	7.96	24.9	2.749	100.0
1185	10/16/2012 23:45:50	15.26	50.39	33.05	8.13	7.95	26.7	2.848	99.3
1186	10/17/2012 0:00:50	14.99	50.36	33.02	8.19	7.96	33.6	2.946	99.4
1187	10/17/2012 0:15:50	14.59	50.52	33.13	8.36	7.97	24.9	3.047	100.8
1188	10/17/2012 0:30:50	14.18	50.46	33.08	8.59	7.98	27.5	3.130	102.6
1189	10/17/2012 0:45:50	13.95	50.41	33.03	8.68	7.99	17.2	3.216	103.2
1190	10/17/2012 1:00:51	13.83	50.63	33.19	8.67	7.99	16.9	3.302	102.9
1191	10/17/2012 1:15:51	13.67	50.55	33.13	8.68	8.00	16.1	3.375	102.7
1192	10/17/2012 1:30:51	13.48	50.65	33.19	8.71	8.00	14.7	3.456	102.7
1193	10/17/2012 1:45:51	13.35	50.64	33.18	8.73	8.01	9.8	3.500	102.6
1194	10/17/2012 2:00:51	13.28	50.60	33.15	8.71	8.01	7.2	3.549	102.3
1195	10/17/2012 2:15:50	13.28	50.59	33.14	8.64	8.00	7.7	3.568	101.3
1196	10/17/2012 2:30:50	13.41	50.60	33.15	8.51	7.99	7.6	3.546	100.1
1197	10/17/2012 2:45:50	13.30	50.63	33.17	8.63	8.00	7.0	3.515	101.3
1198	10/17/2012 3:00:51	13.61	50.65	33.19	8.44	7.99	8.9	3.468	99.7
1199	10/17/2012 3:15:50	13.96	50.49	33.09	8.20	7.96	13.1	3.386	97.6
1200	10/17/2012 3:30:50	13.92	50.46	33.07	8.13	7.96	11.5	3.286	96.6
1201	10/17/2012 3:45:51	13.59	50.75	33.27	8.40	7.98	9.4	3.193	99.2
1202	10/17/2012 4:00:51	14.03	50.69	33.24	8.18	7.97	14.7	3.083	97.5
1203	10/17/2012 4:15:51	14.36	50.65	33.22	7.93	7.95	13.7	2.985	95.2
1204	10/17/2012 4:30:51	14.60	50.56	33.16	7.74	7.93	11.4	2.895	93.3
1205	10/17/2012 4:45:51	14.77	50.58	33.18	7.45	7.91	10.3	2.779	90.2
1206	10/17/2012 5:00:51	14.84	50.53	33.15	7.31	7.90	9.1	2.695	88.5
1207	10/17/2012 5:15:51	14.80	50.64	33.22	7.48	7.92	9.4	2.597	90.6
1208	10/17/2012 5:30:51	14.82	50.43	33.07	7.60	7.92	11.2	2.503	92.0
1209	10/17/2012 5:45:50	14.55	50.50	33.12	7.79	7.93	11.0	2.420	93.8
1210	10/17/2012 6:00:51	14.45	50.58	33.17	7.81	7.94	10.3	2.322	93.9
1211	10/17/2012 6:15:51	14.51	50.52	33.13	7.74	7.93	10.0	2.258	93.1
1212	10/17/2012 6:30:50	14.60	50.56	33.16	7.69	7.93	8.4	2.180	92.7
1213	10/17/2012 6:45:50	14.70	50.57	33.17	7.59	7.92	8.3	2.108	91.6
1214	10/17/2012 7:00:50	14.79	50.44	33.08	7.55	7.92	7.8	2.095	91.4
1215	10/17/2012 7:15:50	14.98	50.50	33.13	7.49	7.91	7.4	2.089	90.9
1216	10/17/2012 7:30:50	15.05	50.40	33.05	7.42	7.91	7.1	2.082	90.2
1217	10/17/2012 7:45:51	15.18	50.44	33.09	7.28	7.89	7.3	2.093	88.7
1218	10/17/2012 8:00:50	15.12	50.26	32.95	7.38	7.90	7.0	2.142	89.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1219	10/17/2012 8:15:50	15.18	50.25	32.95	7.37	7.89	8.7	2.203	89.8
1220	10/17/2012 8:30:50	15.14	50.26	32.95	7.45	7.90	9.2	2.294	90.7
1221	10/17/2012 8:45:50	14.98	50.05	32.80	7.37	7.88	14.0	2.392	89.3
1222	10/17/2012 9:00:50	14.95	50.27	32.96	7.44	7.89	12.2	2.477	90.2
1223	10/17/2012 9:15:51	14.88	50.47	33.10	7.53	7.91	10.9	2.587	91.2
1224	10/17/2012 9:30:51	14.85	50.46	33.09	7.58	7.91	10.9	2.677	91.8
1225	10/17/2012 9:45:51	14.62	50.57	33.17	7.82	7.93	13.0	2.772	94.3
1226	10/17/2012 10:00:51	14.45	50.56	33.15	8.00	7.95	12.2	2.859	96.2
1227	10/17/2012 10:15:51	14.39	50.54	33.14	8.08	7.95	12.6	2.959	97.0
1228	10/17/2012 10:30:50	14.19	50.49	33.10	8.19	7.96	15.0	3.061	97.9
1229	10/17/2012 10:45:50	13.99	50.42	33.04	8.28	7.97	15.8	3.151	98.5
1230	10/17/2012 11:00:51	13.88	50.56	33.14	8.32	7.97	17.2	3.254	98.8
1231	10/17/2012 11:15:51	13.60	50.54	33.12	8.40	7.98	18.9	3.357	99.2
1232	10/17/2012 11:30:51	13.37	50.66	33.20	8.49	7.98	19.5	3.462	99.9
1233	10/17/2012 11:45:51	13.03	50.61	33.14	8.67	8.00	18.3	3.564	101.3
1234	10/17/2012 12:00:51	12.89	50.65	33.17	8.74	8.00	15.6	3.671	101.7
1235	10/17/2012 12:15:51	12.87	50.76	33.25	8.76	8.00	12.6	3.761	102.0
1236	10/17/2012 12:30:50	12.83	50.59	33.12	8.79	8.00	11.7	3.857	102.2
1237	10/17/2012 12:45:51	12.76	50.74	33.23	8.80	8.01	8.6	3.936	102.2
1238	10/17/2012 13:00:51	12.66	50.74	33.23	8.81	8.01	7.0	3.997	102.2
1239	10/17/2012 13:15:51	12.60	50.83	33.29	8.83	8.01	6.2	4.055	102.3
1240	10/17/2012 13:30:51	12.56	50.69	33.18	8.85	8.01	5.7	4.086	102.3
1241	10/17/2012 13:45:50	13.04	50.43	33.02	8.77	8.01	5.4	4.102	102.3
1242	10/17/2012 14:00:51	12.71	50.74	33.23	8.76	8.01	5.6	4.087	101.6
1243	10/17/2012 14:15:50	13.03	50.62	33.15	8.80	8.01	10.4	4.037	102.8
1244	10/17/2012 14:30:51	12.92	50.59	33.13	8.85	8.01	7.3	3.970	103.1
1245	10/17/2012 14:45:51	13.06	50.67	33.19	8.92	8.02	9.6	3.869	104.3
1246	10/17/2012 15:00:51	13.08	50.66	33.18	9.10	8.03	8.6	3.745	106.4
1247	10/17/2012 15:15:50	13.26	50.70	33.22	9.03	8.03	7.5	3.627	106.0
1248	10/17/2012 15:30:50	13.72	50.32	32.96	8.75	8.01	15.6	3.489	103.6
1249	10/17/2012 15:45:50	13.69	50.44	33.04	8.72	8.00	13.1	3.356	103.2
1250	10/17/2012 16:00:51	13.83	50.63	33.19	8.71	8.00	13.7	3.217	103.4
1251	10/17/2012 16:15:50	14.16	50.43	33.05	8.67	8.00	14.7	3.076	103.6
1252	10/17/2012 16:30:51	14.35	50.59	33.17	8.64	8.00	13.6	2.940	103.6
1253	10/17/2012 16:45:51	14.42	50.60	33.18	8.66	8.00	12.3	2.785	104.1
1254	10/17/2012 17:00:51	14.10	50.41	33.04	8.94	8.02	12.9	2.636	106.7
1255	10/17/2012 17:15:51	14.16	50.49	33.10	8.93	8.02	10.8	2.488	106.7
1256	10/17/2012 17:30:51	14.34	50.53	33.13	8.92	8.03	10.9	2.320	106.9
1257	10/17/2012 17:45:51	14.73	50.55	33.16	8.73	8.01	13.2	2.165	105.5
1258	10/17/2012 18:00:51	14.87	50.45	33.09	8.67	8.01	14.0	1.991	105.0
1259	10/17/2012 18:15:51	15.07	50.47	33.11	8.54	8.00	16.1	1.825	103.8
1260	10/17/2012 18:30:50	14.98	50.37	33.03	8.50	7.99	14.5	1.665	103.2
1261	10/17/2012 18:45:51	15.21	50.48	33.12	8.43	7.99	13.3	1.483	102.9
1262	10/17/2012 19:00:50	15.31	50.35	33.02	8.40	7.98	13.3	1.343	102.6
1263	10/17/2012 19:15:50	15.40	50.40	33.06	8.38	7.98	12.3	1.212	102.6
1264	10/17/2012 19:30:50	15.66	50.24	32.95	8.43	7.98	11.9	1.101	103.7
1265	10/17/2012 19:45:50	15.68	50.41	33.07	8.40	7.98	11.6	1.017	103.4
1266	10/17/2012 20:00:50	15.41	50.48	33.12	8.29	7.97	9.5	0.968	101.6
1267	10/17/2012 20:15:51	15.91	50.38	33.06	8.44	7.98	9.0	0.992	104.3
1268	10/17/2012 20:30:51	15.88	50.45	33.11	8.46	7.98	8.4	1.023	104.6
1269	10/17/2012 20:45:50	15.96	50.36	33.04	8.42	7.98	8.4	1.142	104.3
1270	10/17/2012 21:00:50	16.00	50.32	33.02	8.41	7.97	9.0	1.260	104.2
1271	10/17/2012 21:15:50	15.95	50.30	33.00	8.43	7.98	8.7	1.343	104.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1272	10/17/2012 21:30:51	15.82	49.77	32.61	8.12	7.92	11.9	1.465	100.0
1273	10/17/2012 21:45:51	15.82	49.87	32.68	8.11	7.92	10.3	1.553	99.9
1274	10/17/2012 22:00:50	15.80	49.86	32.68	8.14	7.93	10.3	1.625	100.3
1275	10/17/2012 22:15:50	15.77	50.04	32.81	8.24	7.95	10.6	1.735	101.5
1276	10/17/2012 22:30:51	15.68	50.20	32.92	8.25	7.95	9.5	1.836	101.5
1277	10/17/2012 22:45:50	15.63	50.24	32.95	8.27	7.95	9.6	1.941	101.6
1278	10/17/2012 23:00:51	15.56	50.31	33.00	8.29	7.96	9.8	2.053	101.8
1279	10/17/2012 23:15:51	15.48	50.28	32.98	8.27	7.96	9.7	2.161	101.3
1280	10/17/2012 23:30:50	15.45	50.35	33.03	8.23	7.96	9.9	2.294	100.9
1281	10/17/2012 23:45:51	15.39	50.49	33.13	8.25	7.96	11.2	2.406	101.0
1282	10/18/2012 0:00:51	15.29	50.54	33.16	8.25	7.96	11.4	2.501	100.9
1283	10/18/2012 0:15:51	15.16	50.49	33.12	8.27	7.96	12.3	2.612	100.8
1284	10/18/2012 0:30:50	15.08	50.31	32.99	8.29	7.96	13.6	2.724	100.8
1285	10/18/2012 0:45:50	14.97	50.37	33.03	8.31	7.96	18.1	2.816	100.8
1286	10/18/2012 1:00:50	14.62	50.40	33.05	8.38	7.98	20.0	2.914	101.0
1287	10/18/2012 1:15:50	14.33	50.47	33.09	8.48	7.97	19.2	3.019	101.6
1288	10/18/2012 1:30:51	13.95	50.57	33.15	8.66	7.99	18.6	3.102	103.0
1289	10/18/2012 1:45:51	13.72	50.56	33.14	8.75	7.99	17.2	3.186	103.6
1290	10/18/2012 2:00:51	13.44	50.57	33.13	8.84	8.00	15.0	3.251	104.1
1291	10/18/2012 2:15:51	13.24	50.58	33.13	8.89	8.00	12.6	3.326	104.2
1292	10/18/2012 2:30:50	13.11	50.47	33.04	8.93	8.00	12.7	3.395	104.4
1293	10/18/2012 2:45:51	13.05	50.48	33.05	8.94	8.01	7.2	3.436	104.3
1294	10/18/2012 3:00:51	12.99	50.48	33.05	8.88	8.00	5.9	3.463	103.5
1295	10/18/2012 3:15:50	13.23	50.63	33.17	8.69	7.99	5.8	3.468	101.9
1296	10/18/2012 3:30:51	12.99	50.65	33.17	8.83	8.00	6.4	3.446	103.1
1297	10/18/2012 3:45:50	13.21	50.47	33.05	8.70	7.99	7.4	3.405	101.9
1298	10/18/2012 4:00:50	13.22	50.60	33.14	8.65	7.99	8.0	3.335	101.3
1299	10/18/2012 4:15:50	13.82	50.42	33.04	8.07	7.95	10.6	3.258	95.7
1300	10/18/2012 4:30:51	13.44	50.66	33.20	8.40	7.97	8.1	3.182	99.0
1301	10/18/2012 4:45:51	13.37	50.52	33.09	8.50	7.98	7.5	3.078	99.9
1302	10/18/2012 5:00:51	13.63	50.61	33.17	8.33	7.96	8.5	2.983	98.5
1303	10/18/2012 5:15:51	14.10	50.53	33.13	7.99	7.95	8.9	2.884	95.4
1304	10/18/2012 5:30:51	14.28	50.39	33.02	7.80	7.93	7.6	2.807	93.4
1305	10/18/2012 5:45:50	14.39	50.45	33.08	7.67	7.92	7.7	2.710	92.0
1306	10/18/2012 6:00:51	14.52	50.37	33.02	7.51	7.90	7.9	2.629	90.3
1307	10/18/2012 6:15:51	14.43	50.47	33.09	7.55	7.91	7.9	2.549	90.7
1308	10/18/2012 6:30:51	14.36	50.49	33.11	7.65	7.91	7.7	2.471	91.7
1309	10/18/2012 6:45:50	14.31	50.43	33.06	7.77	7.92	8.3	2.400	93.0
1310	10/18/2012 7:00:50	14.40	50.43	33.06	7.87	7.93	8.0	2.315	94.4
1311	10/18/2012 7:15:50	14.29	50.41	33.04	7.85	7.93	7.3	2.253	94.0
1312	10/18/2012 7:30:50	14.34	50.43	33.06	7.84	7.93	7.0	2.212	94.0
1313	10/18/2012 7:45:50	14.40	50.38	33.02	7.76	7.92	6.6	2.167	93.1
1314	10/18/2012 8:00:51	14.55	50.35	33.01	7.72	7.92	6.3	2.147	92.9
1315	10/18/2012 8:15:50	14.75	50.26	32.94	7.73	7.92	5.7	2.137	93.4
1316	10/18/2012 8:30:50	14.67	50.38	33.04	7.69	7.92	9.5	2.156	92.8
1317	10/18/2012 8:45:50	14.77	50.30	32.98	7.72	7.92	5.7	2.179	93.3
1318	10/18/2012 9:00:51	14.81	50.46	33.09	7.76	7.92	6.4	2.254	93.9
1319	10/18/2012 9:15:51	14.81	50.37	33.03	7.80	7.92	6.8	2.325	94.4
1320	10/18/2012 9:30:51	14.71	50.37	33.03	7.79	7.92	8.9	2.413	94.1
1321	10/18/2012 9:45:51	14.59	50.36	33.02	7.75	7.91	10.1	2.500	93.4
1322	10/18/2012 10:00:51	14.52	50.42	33.06	7.83	7.92	9.0	2.585	94.2
1323	10/18/2012 10:15:51	14.50	50.50	33.12	7.87	7.93	7.5	2.677	94.7
1324	10/18/2012 10:30:51	14.26	50.38	33.02	8.03	7.94	9.6	2.778	96.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1325	10/18/2012 10:45:51	14.14	50.43	33.05	8.22	7.95	9.2	2.860	98.2
1326	10/18/2012 11:00:50	14.08	50.37	33.01	8.31	7.96	8.9	2.943	99.0
1327	10/18/2012 11:15:51	13.95	50.60	33.17	8.40	7.97	10.5	3.048	99.9
1328	10/18/2012 11:30:51	13.72	50.65	33.20	8.48	7.97	12.0	3.145	100.5
1329	10/18/2012 11:45:51	13.53	50.64	33.18	8.57	7.98	12.3	3.231	101.2
1330	10/18/2012 12:00:51	13.36	50.50	33.08	8.65	7.98	13.8	3.337	101.6
1331	10/18/2012 12:15:50	13.06	50.45	33.03	8.76	7.99	13.4	3.437	102.3
1332	10/18/2012 12:30:51	12.79	50.56	33.10	8.91	8.00	14.7	3.554	103.5
1333	10/18/2012 12:45:51	12.58	50.79	33.25	9.05	8.01	12.1	3.636	104.7
1334	10/18/2012 13:00:50	12.43	50.41	32.97	9.10	8.01	12.0	3.737	104.9
1335	10/18/2012 13:15:51	12.40	50.77	33.24	9.14	8.01	8.4	3.825	105.4
1336	10/18/2012 13:30:51	12.43	50.77	33.24	9.13	8.01	6.0	3.894	105.3
1337	10/18/2012 13:45:51	12.45	50.69	33.18	9.12	8.01	5.9	3.943	105.3
1338	10/18/2012 14:00:50	12.31	50.52	33.05	9.12	8.01	35.2	3.989	104.8
1339	10/18/2012 14:15:51	12.23	50.69	33.17	9.05	8.01	4.7	4.012	104.0
1340	10/18/2012 14:30:50	12.58	50.54	33.07	8.96	8.01	4.9	4.016	103.6
1341	10/18/2012 14:45:51	12.33	50.78	33.24	8.97	8.01	4.8	3.985	103.3
1342	10/18/2012 15:00:51	12.60	50.76	33.23	9.07	8.01	6.4	3.948	105.0
1343	10/18/2012 15:15:51	12.56	50.69	33.18	9.11	8.01	5.6	3.888	105.4
1344	10/18/2012 15:30:51	12.76	50.76	33.24	9.27	8.03	8.4	3.784	107.6
1345	10/18/2012 15:45:51	12.83	50.57	33.11	9.51	8.04	6.4	3.697	110.6
1346	10/18/2012 16:00:51	13.26	50.64	33.17	9.27	8.03	6.3	3.583	108.7
1347	10/18/2012 16:15:51	13.48	50.63	33.18	9.15	8.02	8.8	3.466	107.8
1348	10/18/2012 16:30:51	13.49	50.39	33.00	9.15	8.02	9.2	3.335	107.7
1349	10/18/2012 16:45:51	13.63	50.61	33.17	9.11	8.02	8.7	3.204	107.7
1350	10/18/2012 17:00:51	14.02	50.60	33.17	9.07	8.02	7.9	3.074	108.1
1351	10/18/2012 17:15:51	14.45	50.43	33.06	9.03	8.02	8.9	2.934	108.5
1352	10/18/2012 17:30:50	14.51	50.47	33.09	9.07	8.02	9.2	2.781	109.1
1353	10/18/2012 17:45:50	14.22	50.46	33.07	9.07	8.02	8.9	2.634	108.5
1354	10/18/2012 18:00:51	13.84	50.45	33.06	9.21	8.03	7.8	2.495	109.3
1355	10/18/2012 18:15:51	14.19	50.50	33.11	9.02	8.01	8.7	2.344	107.8
1356	10/18/2012 18:30:50	14.40	50.48	33.10	8.88	8.00	9.1	2.170	106.7
1357	10/18/2012 18:45:51	14.52	50.56	33.16	8.77	8.00	10.3	2.035	105.6
1358	10/18/2012 19:00:51	14.64	50.49	33.11	8.72	7.99	10.8	1.887	105.2
1359	10/18/2012 19:15:51	14.68	50.47	33.10	8.61	7.99	10.4	1.716	103.9
1360	10/18/2012 19:30:51	14.93	50.49	33.12	8.56	7.98	10.7	1.555	103.9
1361	10/18/2012 19:45:50	15.11	50.21	32.92	8.58	7.98	10.3	1.418	104.3
1362	10/18/2012 20:00:50	15.25	50.23	32.94	8.59	7.98	9.2	1.287	104.8
1363	10/18/2012 20:15:50	15.39	50.43	33.09	8.59	7.99	9.4	1.157	105.1
1364	10/18/2012 20:30:51	15.42	50.44	33.10	8.60	7.99	8.6	1.047	105.3
1365	10/18/2012 20:45:51	15.57	50.35	33.03	8.73	8.00	8.1	1.012	107.2
1366	10/18/2012 21:00:50	15.55	50.39	33.06	8.72	7.99	8.4	1.022	107.0
1367	10/18/2012 21:15:50	15.60	50.36	33.04	8.75	8.00	7.5	1.057	107.5
1368	10/18/2012 21:30:50	15.58	50.26	32.96	8.81	8.00	6.8	1.154	108.2
1369	10/18/2012 21:45:50	15.75	50.24	32.96	8.83	8.00	7.2	1.270	108.8
1370	10/18/2012 22:00:50	15.74	50.32	33.01	8.85	8.00	8.0	1.332	109.1
1371	10/18/2012 22:15:50	15.61	50.06	32.82	8.66	7.97	8.9	1.424	106.3
1372	10/18/2012 22:30:50	15.59	49.74	32.59	8.46	7.95	9.6	1.527	103.6
1373	10/18/2012 22:45:50	15.57	50.03	32.80	8.48	7.95	9.0	1.587	104.0
1374	10/18/2012 23:00:51	15.55	50.08	32.83	8.50	7.96	8.9	1.681	104.2
1375	10/18/2012 23:15:51	15.44	50.08	32.83	8.57	7.97	7.6	1.768	104.8
1376	10/18/2012 23:30:50	15.38	50.15	32.88	8.57	7.97	7.5	1.877	104.8
1377	10/18/2012 23:45:50	15.39	50.14	32.87	8.61	7.98	7.9	1.971	105.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
1378	10/19/2012 0:00:50	15.30	50.29	32.98	8.61	7.98	8.1	2.091	105.1
1379	10/19/2012 0:15:50	15.23	50.20	32.92	8.57	7.98	8.1	2.203	104.5
1380	10/19/2012 0:30:50	15.20	50.38	33.05	8.54	7.98	8.4	2.318	104.1
1381	10/19/2012 0:45:50	15.19	50.43	33.08	8.52	7.98	8.5	2.433	103.9
1382	10/19/2012 1:00:50	15.10	50.28	32.97	8.54	7.98	9.0	2.534	103.9
1383	10/19/2012 1:15:50	14.95	50.31	32.99	8.56	7.98	10.0	2.652	103.8
1384	10/19/2012 1:30:50	14.85	50.34	33.00	8.55	7.98	10.1	2.741	103.5
1385	10/19/2012 1:45:51	14.76	50.47	33.10	8.55	7.98	10.9	2.827	103.3
1386	10/19/2012 2:00:51	14.47	50.53	33.13	8.60	7.98	12.6	2.924	103.4
1387	10/19/2012 2:15:51	14.21	50.62	33.19	8.65	7.99	14.0	3.004	103.5
1388	10/19/2012 2:30:50	13.80	50.39	33.02	8.78	7.99	12.7	3.087	104.1
1389	10/19/2012 2:45:51	13.56	50.63	33.18	8.85	8.00	12.0	3.166	104.5
1390	10/19/2012 3:00:51	13.45	50.44	33.04	8.89	8.00	10.9	3.232	104.7
1391	10/19/2012 3:15:50	13.32	50.48	33.06	8.92	8.01	11.2	3.287	104.7
1392	10/19/2012 3:30:50	13.10	50.61	33.15	8.95	8.01	8.9	3.345	104.7
1393	10/19/2012 3:45:51	12.89	50.69	33.20	8.98	8.01	6.8	3.384	104.5
1394	10/19/2012 4:00:51	12.81	50.77	33.25	8.92	8.02	5.4	3.404	103.7
1395	10/19/2012 4:15:51	12.98	50.59	33.13	8.82	8.00	5.3	3.411	102.8
1396	10/19/2012 4:30:51	12.94	50.70	33.21	8.81	8.01	5.2	3.389	102.8
1397	10/19/2012 4:45:51	13.03	50.61	33.15	8.81	8.00	5.6	3.354	102.9
1398	10/19/2012 5:00:51	13.29	50.67	33.20	8.68	8.00	8.6	3.292	101.9
1399	10/19/2012 5:15:51	13.63	50.61	33.17	8.40	7.98	10.4	3.218	99.3
1400	10/19/2012 5:30:50	13.57	50.54	33.11	8.28	7.96	7.8	3.139	97.8
1401	10/19/2012 5:45:51	13.53	50.69	33.22	8.49	7.98	6.4	3.052	100.2
1402	10/19/2012 6:00:51	13.82	50.59	33.16	8.38	7.97	7.9	2.959	99.5
1403	10/19/2012 6:15:51	13.92	50.58	33.15	8.25	7.97	7.3	2.874	98.1
1404	10/19/2012 6:30:51	14.25	50.41	33.04	8.02	7.95	7.0	2.791	96.0
1405	10/19/2012 6:45:50	14.33	50.36	33.01	7.94	7.94	6.3	2.720	95.2
1406	10/19/2012 7:00:50	14.41	50.41	33.05	7.82	7.93	6.5	2.651	93.8
1407	10/19/2012 7:15:51	14.42	50.35	33.00	7.72	7.92	7.0	2.580	92.7
1408	10/19/2012 7:30:50	14.31	50.45	33.07	7.78	7.93	7.0	2.511	93.2
1409	10/19/2012 7:45:51	14.29	50.47	33.09	7.77	7.93	6.5	2.458	93.1
1410	10/19/2012 8:00:50	14.32	50.39	33.03	7.95	7.94	6.7	2.399	95.2
1411	10/19/2012 8:15:50	14.33	50.38	33.03	7.99	7.94	5.8	2.355	95.7
1412	10/19/2012 8:30:50	14.37	50.31	32.97	8.01	7.95	5.4	2.326	96.0
1413	10/19/2012 8:45:50	14.49	50.38	33.03	8.01	7.95	5.3	2.304	96.2
1414	10/19/2012 9:00:50	14.68	50.42	33.06	8.01	7.95	4.8	2.299	96.7
1415	10/19/2012 9:15:51	14.68	50.48	33.11	7.95	7.94	4.8	2.303	96.0
1416	10/19/2012 9:30:50	14.77	50.37	33.03	8.07	7.95	4.6	2.339	97.5
1417	10/19/2012 9:45:50	14.72	50.28	32.96	8.07	7.95	5.5	2.377	97.4
1418	10/19/2012 10:00:50	14.79	50.35	33.01	8.10	7.95	5.4	2.431	97.9
1419	10/19/2012 10:15:51	14.74	50.52	33.14	8.12	7.95	6.2	2.498	98.2
1420	10/19/2012 10:30:51	14.68	50.20	32.90	8.07	7.94	6.6	2.568	97.3
1421	10/19/2012 10:45:50	14.62	50.28	32.95	8.12	7.95	6.8	2.643	97.8
1422	10/19/2012 11:00:50	14.52	50.43	33.06	8.13	7.95	6.4	2.723	97.8
1423	10/19/2012 11:15:51	14.41	50.42	33.05	8.17	7.96	6.4	2.810	98.1
1424	10/19/2012 11:30:51	14.10	50.46	33.07	8.27	7.96	6.8	2.881	98.7
1425	10/19/2012 11:45:51	13.95	50.48	33.09	8.44	7.97	6.7	2.964	100.3
1426	10/19/2012 12:00:51	13.87	50.56	33.14	8.49	7.98	6.4	3.055	100.8
1427	10/19/2012 12:15:51	13.80	50.60	33.17	8.54	7.98	7.3	3.129	101.3
1428	10/19/2012 12:30:51	13.56	50.61	33.16	8.62	7.99	7.2	3.215	101.7
1429	10/19/2012 12:45:51	13.31	50.60	33.15	8.68	7.99	8.3	3.300	101.9
1430	10/19/2012 13:00:51	13.18	50.73	33.24	8.70	8.01	8.1	3.391	101.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1431	10/19/2012 13:15:51	12.82	50.60	33.13	8.76	8.00	8.9	3.475	101.8
1432	10/19/2012 13:30:51	12.57	50.81	33.27	8.79	8.00	9.2	3.547	101.7
1433	10/19/2012 13:45:50	12.37	50.54	33.06	8.88	8.03	8.1	3.633	102.3
1434	10/19/2012 14:00:51	12.24	50.80	33.25	8.92	8.01	7.6	3.707	102.5
1435	10/19/2012 14:15:51	12.12	50.69	33.17	8.96	8.10	7.3	3.767	102.6
1436	10/19/2012 14:30:51	12.11	50.64	33.13	8.95	8.02	5.1	3.818	102.6
1437	10/19/2012 14:45:51	12.08	50.71	33.18	8.98	8.02	4.4	3.876	102.8
1438	10/19/2012 15:00:51	12.06	50.61	33.10	8.93	8.02	4.4	3.900	102.2
1439	10/19/2012 15:15:51	12.33	50.66	33.15	8.88	8.01	4.0	3.904	102.2
1440	10/19/2012 15:30:51	12.19	50.72	33.19	8.83	8.01	3.7	3.906	101.3
1441	10/19/2012 15:45:51	12.15	50.80	33.25	8.87	8.01	4.2	3.868	101.8
1442	10/19/2012 16:00:51	12.21	50.72	33.19	8.86	8.01	4.2	3.825	101.7
1443	10/19/2012 16:15:50	12.35	50.66	33.16	8.89	8.02	4.9	3.750	102.3
1444	10/19/2012 16:30:51	12.64	50.70	33.20	9.05	8.03	5.7	3.658	104.9
1445	10/19/2012 16:45:51	12.72	50.74	33.22	8.99	8.02	5.4	3.567	104.4
1446	10/19/2012 17:00:51	13.19	50.64	33.18	8.92	8.02	6.0	3.450	104.6
1447	10/19/2012 17:15:51	13.32	50.67	33.20	8.87	8.02	7.2	3.332	104.3
1448	10/19/2012 17:30:51	13.43	50.56	33.13	8.86	8.01	7.0	3.210	104.3
1449	10/19/2012 17:45:51	13.66	50.56	33.13	8.82	8.01	6.5	3.085	104.4
1450	10/19/2012 18:00:50	13.98	50.21	32.89	8.76	8.01	8.0	2.961	104.1
1451	10/19/2012 18:15:51	14.04	50.59	33.17	8.75	8.00	7.7	2.835	104.3
1452	10/19/2012 18:30:50	13.94	50.47	33.08	8.76	8.01	6.4	2.697	104.2
1453	10/19/2012 18:45:51	13.55	50.64	33.19	8.72	8.00	7.1	2.556	103.0
1454	10/19/2012 19:00:50	13.81	50.48	33.08	8.63	7.99	7.5	2.418	102.3
1455	10/19/2012 19:15:50	13.85	50.47	33.07	8.55	7.99	8.8	2.271	101.5
1456	10/19/2012 19:30:50	14.20	50.52	33.12	8.47	7.99	9.1	2.115	101.3
1457	10/19/2012 19:45:50	14.47	50.39	33.03	8.46	7.99	10.6	1.991	101.6
1458	10/19/2012 20:00:50	14.40	50.44	33.07	8.40	7.98	9.4	1.830	100.8
1459	10/19/2012 20:15:50	14.71	50.40	33.05	8.41	7.98	9.3	1.688	101.6
1460	10/19/2012 20:30:50	14.79	50.38	33.03	8.39	7.98	8.7	1.562	101.5
1461	10/19/2012 20:45:50	14.90	50.38	33.03	8.37	7.98	8.1	1.438	101.5
1462	10/19/2012 21:00:51	14.97	50.51	33.13	8.36	7.97	8.0	1.335	101.5
1463	10/19/2012 21:15:50	15.04	50.18	32.90	8.36	7.97	7.4	1.241	101.5
1464	10/19/2012 21:30:50	15.23	50.20	32.92	8.42	7.98	7.0	1.177	102.6
1465	10/19/2012 21:45:50	15.22	50.21	32.92	8.44	7.98	6.3	1.152	102.9
1466	10/19/2012 22:00:50	15.18	50.15	32.88	8.46	7.98	7.4	1.191	103.1
1467	10/19/2012 22:15:50	15.33	50.21	32.92	8.58	7.99	6.4	1.226	104.8
1468	10/19/2012 22:30:50	15.19	50.34	33.01	8.45	7.98	5.9	1.308	103.0
1469	10/19/2012 22:45:50	15.34	50.22	32.93	8.61	7.99	5.7	1.392	105.2
1470	10/19/2012 23:00:50	15.36	50.22	32.93	8.64	8.00	6.1	1.467	105.6
1471	10/19/2012 23:15:50	15.27	50.09	32.83	8.43	7.97	6.7	1.541	102.8
1472	10/19/2012 23:30:50	15.24	49.85	32.65	8.33	7.95	7.0	1.617	101.4
1473	10/19/2012 23:45:50	15.22	50.03	32.79	8.37	7.96	7.4	1.716	101.9
1474	10/20/2012 0:00:50	15.15	49.85	32.66	8.43	7.97	7.3	1.801	102.4
1475	10/20/2012 0:15:50	15.06	50.11	32.84	8.40	7.97	6.7	1.868	102.1
1476	10/20/2012 0:30:51	15.02	50.27	32.96	8.40	7.97	6.4	1.975	101.9
1477	10/20/2012 0:45:50	14.98	50.01	32.77	8.43	7.97	6.6	2.083	102.2
1478	10/20/2012 1:00:50	14.88	50.33	33.00	8.37	7.97	7.6	2.174	101.4
1479	10/20/2012 1:15:51	14.80	50.32	32.99	8.34	7.97	6.8	2.282	100.8
1480	10/20/2012 1:30:51	14.76	50.46	33.10	8.31	7.97	7.1	2.388	100.5
1481	10/20/2012 1:45:51	14.75	50.35	33.01	8.31	7.97	7.1	2.482	100.4
1482	10/20/2012 2:00:50	14.67	50.30	32.97	8.33	7.97	7.6	2.574	100.4
1483	10/20/2012 2:15:50	14.50	50.23	32.92	8.35	7.97	8.0	2.678	100.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
1484	10/20/2012 2:30:51	14.40	50.46	33.08	8.34	7.97	7.8	2.766	100.1
1485	10/20/2012 2:45:51	14.33	50.40	33.03	8.35	7.97	7.9	2.846	100.0
1486	10/20/2012 3:00:51	14.06	50.36	33.00	8.37	7.97	9.7	2.927	99.8
1487	10/20/2012 3:15:50	13.85	50.27	32.93	8.42	7.97	9.2	3.009	99.8
1488	10/20/2012 3:30:51	13.56	50.62	33.17	8.46	7.98	9.4	3.083	99.8
1489	10/20/2012 3:45:51	13.29	50.59	33.14	8.49	7.98	8.9	3.151	99.7
1490	10/20/2012 4:00:51	13.11	50.49	33.06	8.53	7.99	8.9	3.215	99.7
1491	10/20/2012 4:15:51	12.98	50.62	33.15	8.55	7.99	8.3	3.281	99.8
1492	10/20/2012 4:30:50	12.90	50.57	33.11	8.56	7.99	6.4	3.327	99.7
1493	10/20/2012 4:45:51	12.82	50.67	33.18	8.57	7.99	5.7	3.373	99.6
1494	10/20/2012 5:00:51	12.75	50.60	33.13	8.52	7.99	4.5	3.401	98.9
1495	10/20/2012 5:15:51	12.98	50.55	33.10	8.40	7.98	4.9	3.403	97.9
1496	10/20/2012 5:30:51	12.81	50.64	33.16	8.47	7.99	5.1	3.385	98.5
1497	10/20/2012 5:45:51	12.90	50.69	33.20	8.44	7.99	5.4	3.355	98.4
1498	10/20/2012 6:00:51	12.99	50.39	32.98	8.39	7.98	6.1	3.303	97.8
1499	10/20/2012 6:15:51	13.18	50.55	33.11	8.34	7.98	7.2	3.230	97.7
1500	10/20/2012 6:30:51	13.28	50.72	33.23	8.26	7.97	7.7	3.161	96.9
1501	10/20/2012 6:45:51	13.18	50.58	33.13	8.29	7.97	6.9	3.083	97.0
1502	10/20/2012 7:00:51	13.28	50.52	33.09	8.24	7.97	8.4	2.997	96.6
1503	10/20/2012 7:15:51	13.41	50.49	33.07	8.17	7.96	9.0	2.921	96.1
1504	10/20/2012 7:30:51	13.45	50.63	33.18	8.10	7.96	9.9	2.847	95.4
1505	10/20/2012 7:45:51	13.47	50.42	33.03	8.08	7.95	10.5	2.774	95.1
1506	10/20/2012 8:00:51	13.55	50.61	33.16	8.03	7.95	10.1	2.711	94.7
1507	10/20/2012 8:15:51	13.67	50.59	33.15	8.00	7.95	9.6	2.664	94.6
1508	10/20/2012 8:30:51	13.71	50.61	33.17	7.99	7.95	9.2	2.592	94.6
1509	10/20/2012 8:45:51	13.70	50.60	33.16	8.00	7.94	8.7	2.546	94.7
1510	10/20/2012 9:00:51	13.91	50.56	33.14	7.96	7.95	8.7	2.517	94.7
1511	10/20/2012 9:15:51	14.07	50.44	33.06	8.00	7.95	7.2	2.461	95.3
1512	10/20/2012 9:30:50	14.17	50.26	32.93	7.99	7.94	6.7	2.442	95.4
1513	10/20/2012 9:45:50	14.34	50.28	32.95	8.01	7.95	6.1	2.420	96.0
1514	10/20/2012 10:00:50	14.48	50.35	33.00	7.98	7.95	5.7	2.410	95.9
1515	10/20/2012 10:15:50	14.63	50.33	32.99	7.85	7.94	5.1	2.416	94.6
1516	10/20/2012 10:30:50	14.59	50.33	32.99	7.91	7.94	5.9	2.427	95.3
1517	10/20/2012 10:45:50	14.60	50.37	33.02	7.97	7.94	5.6	2.482	96.0
1518	10/20/2012 11:00:51	14.53	50.40	33.04	7.97	7.94	5.3	2.507	95.8
1519	10/20/2012 11:15:51	14.57	50.44	33.07	7.98	7.95	5.7	2.567	96.1
1520	10/20/2012 11:30:51	14.48	50.42	33.05	7.95	7.94	6.2	2.633	95.6
1521	10/20/2012 11:45:51	14.52	50.32	32.98	7.98	7.94	6.4	2.698	96.0
1522	10/20/2012 12:00:51	14.44	50.34	32.99	8.00	7.94	6.8	2.771	96.0
1523	10/20/2012 12:15:51	14.32	50.32	32.98	8.03	7.95	6.2	2.837	96.1
1524	10/20/2012 12:30:50	14.19	50.26	32.93	8.02	7.94	7.0	2.912	95.8
1525	10/20/2012 12:45:51	13.87	50.47	33.07	8.12	7.95	6.1	2.975	96.4
1526	10/20/2012 13:00:50	13.63	50.37	32.99	8.22	7.96	5.9	3.055	97.1
1527	10/20/2012 13:15:51	13.48	50.62	33.17	8.26	7.97	5.8	3.125	97.4
1528	10/20/2012 13:30:51	13.38	50.50	33.08	8.33	7.97	5.9	3.199	97.9
1529	10/20/2012 13:45:51	13.31	50.51	33.08	8.37	7.98	5.0	3.276	98.3
1530	10/20/2012 14:00:51	13.20	50.73	33.24	8.41	7.98	5.4	3.352	98.6
1531	10/20/2012 14:15:51	13.05	50.62	33.15	8.46	7.98	5.4	3.427	98.8
1532	10/20/2012 14:30:50	12.92	50.41	32.99	8.48	7.98	6.1	3.495	98.7
1533	10/20/2012 14:45:50	12.79	50.45	33.02	8.50	7.98	5.9	3.575	98.7
1534	10/20/2012 15:00:51	12.64	50.72	33.21	8.53	7.98	5.6	3.628	98.9
1535	10/20/2012 15:15:51	12.54	50.59	33.11	8.57	7.99	4.8	3.683	99.1
1536	10/20/2012 15:30:50	12.49	50.49	33.03	8.61	7.99	4.0	3.730	99.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1537	10/20/2012 15:45:51	12.43	50.77	33.24	8.63	7.99	4.4	3.774	99.6
1538	10/20/2012 16:00:51	12.41	50.71	33.19	8.50	7.98	3.8	3.779	98.0
1539	10/20/2012 16:15:51	12.43	50.82	33.27	8.43	7.98	3.2	3.785	97.3
1540	10/20/2012 16:30:51	12.40	50.73	33.21	8.54	7.99	3.5	3.779	98.5
1541	10/20/2012 16:45:51	12.41	50.76	33.23	8.56	8.02	4.5	3.743	98.7
1542	10/20/2012 17:00:51	12.76	50.80	33.27	8.50	8.02	8.3	3.681	98.8
1543	10/20/2012 17:15:51	12.92	50.68	33.19	8.53	8.02	12.0	3.615	99.4
1544	10/20/2012 17:30:50	12.90	50.66	33.17	8.67	8.03	11.7	3.534	100.9
1545	10/20/2012 17:45:51	12.84	50.78	33.26	8.66	8.03	10.6	3.436	100.8
1546	10/20/2012 18:00:51	13.27	50.53	33.10	8.51	8.02	10.9	3.341	99.8
1547	10/20/2012 18:15:51	13.55	50.68	33.21	8.40	8.02	12.0	3.221	99.2
1548	10/20/2012 18:30:51	13.70	50.67	33.21	8.39	8.02	11.5	3.128	99.4
1549	10/20/2012 18:45:51	14.02	50.59	33.17	8.29	8.01	12.5	3.011	98.8
1550	10/20/2012 19:00:51	14.27	50.45	33.07	8.19	8.00	12.9	2.896	98.1
1551	10/20/2012 19:15:50	14.40	50.40	33.04	8.18	8.00	14.1	2.781	98.1
1552	10/20/2012 19:30:50	14.33	50.46	33.08	8.15	8.00	14.0	2.669	97.7
1553	10/20/2012 19:45:51	14.16	50.38	33.02	8.09	7.99	13.3	2.550	96.6
1554	10/20/2012 20:00:51	13.81	50.45	33.05	8.06	7.99	12.2	2.417	95.6
1555	10/20/2012 20:15:50	13.88	50.20	32.88	8.08	7.99	13.7	2.280	95.9
1556	10/20/2012 20:30:50	14.05	50.23	32.90	8.05	7.99	13.3	2.158	95.9
1557	10/20/2012 20:45:51	13.94	50.57	33.15	7.92	7.99	11.7	2.041	94.2
1558	10/20/2012 21:00:51	13.98	50.47	33.08	7.91	8.06	11.7	1.893	94.1
1559	10/20/2012 21:15:51	14.25	50.40	33.03	7.91	7.95	11.7	1.779	94.6
1560	10/20/2012 21:30:50	14.32	50.37	33.02	7.88	7.94	11.5	1.668	94.4
1561	10/20/2012 21:45:50	14.45	50.38	33.03	7.87	7.94	11.5	1.573	94.5
1562	10/20/2012 22:00:50	14.69	50.40	33.04	7.90	7.95	11.9	1.467	95.3
1563	10/20/2012 22:15:51	14.64	50.43	33.07	7.87	7.95	10.9	1.406	94.9
1564	10/20/2012 22:30:51	14.72	50.44	33.08	7.83	7.95	11.4	1.359	94.6
1565	10/20/2012 22:45:50	14.74	50.21	32.91	7.87	7.96	11.9	1.349	95.0
1566	10/20/2012 23:00:50	14.62	50.36	33.01	7.78	7.95	10.0	1.356	93.8
1567	10/20/2012 23:15:51	14.72	50.42	33.06	7.89	7.96	9.5	1.380	95.3
1568	10/20/2012 23:30:51	14.77	50.37	33.03	7.91	7.96	9.8	1.457	95.7
1569	10/20/2012 23:45:51	14.91	50.37	33.03	7.91	7.96	10.8	1.512	95.8
1570	10/21/2012 0:00:50	14.90	50.29	32.97	7.90	7.96	11.0	1.584	95.8
1571	10/21/2012 0:15:51	14.85	50.13	32.85	7.88	8.00	11.4	1.666	95.3
1572	10/21/2012 0:30:51	14.86	49.88	32.67	7.85	8.00	11.4	1.742	94.9
1573	10/21/2012 0:45:50	14.87	49.96	32.73	7.86	7.94	11.7	1.822	95.0
1574	10/21/2012 1:00:51	14.82	50.20	32.91	7.88	7.94	12.0	1.897	95.3
1575	10/21/2012 1:15:50	14.76	50.10	32.83	7.86	7.94	10.8	1.978	94.8
1576	10/21/2012 1:30:50	14.71	50.18	32.88	7.85	7.94	10.1	2.080	94.7
1577	10/21/2012 1:45:50	14.71	50.09	32.82	7.84	7.94	11.5	2.158	94.5
1578	10/21/2012 2:00:50	14.60	50.19	32.89	7.89	8.00	11.8	2.253	94.9
1579	10/21/2012 2:15:50	14.49	50.28	32.96	7.95	7.95	10.4	2.349	95.5
1580	10/21/2012 2:30:51	14.43	50.27	32.95	8.00	7.95	9.5	2.441	96.0
1581	10/21/2012 2:45:50	14.33	50.38	33.02	8.11	7.96	8.7	2.523	97.1
1582	10/21/2012 3:00:51	14.18	50.36	33.00	8.09	7.96	9.9	2.613	96.6
1583	10/21/2012 3:15:51	14.10	50.35	32.99	8.10	7.96	9.7	2.707	96.6
1584	10/21/2012 3:30:51	14.05	50.43	33.05	8.09	7.96	9.3	2.780	96.4
1585	10/21/2012 3:45:51	13.99	50.44	33.05	8.11	7.96	10.0	2.859	96.5
1586	10/21/2012 4:00:51	13.76	50.47	33.07	8.16	7.96	11.2	2.936	96.6
1587	10/21/2012 4:15:50	13.60	50.36	32.98	8.22	7.97	12.2	3.021	97.0
1588	10/21/2012 4:30:51	13.39	50.62	33.16	8.28	7.97	11.1	3.085	97.4
1589	10/21/2012 4:45:51	13.18	50.47	33.05	8.33	8.03	9.7	3.153	97.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
1590	10/21/2012 5:00:51	13.08	50.53	33.09	8.34	8.02	10.2	3.229	97.5
1591	10/21/2012 5:15:51	13.01	50.67	33.19	8.33	8.04	9.4	3.282	97.3
1592	10/21/2012 5:30:51	12.93	50.62	33.15	8.36	8.04	8.3	3.325	97.4
1593	10/21/2012 5:45:50	12.93	50.35	32.95	8.34	8.04	6.5	3.376	97.1
1594	10/21/2012 6:00:50	12.78	50.44	33.01	8.32	8.04	5.5	3.401	96.6
1595	10/21/2012 6:15:50	13.06	50.43	33.01	8.09	8.02	5.3	3.399	94.4
1596	10/21/2012 6:30:50	12.79	50.58	33.12	8.21	8.03	5.7	3.384	95.3
1597	10/21/2012 6:45:51	12.94	50.63	33.15	8.05	8.03	6.6	3.367	93.8
1598	10/21/2012 7:00:51	12.98	50.63	33.16	8.03	8.02	8.1	3.307	93.7
1599	10/21/2012 7:15:51	13.05	50.54	33.09	7.85	8.00	8.6	3.244	91.6
1600	10/21/2012 7:30:51	13.01	50.61	33.15	7.79	8.00	8.3	3.177	90.9
1601	10/21/2012 7:45:50	12.95	50.48	33.05	8.03	8.02	7.0	3.100	93.5
1602	10/21/2012 8:00:51	12.95	50.61	33.14	8.05	8.02	6.1	3.033	93.8
1603	10/21/2012 8:15:51	13.09	50.52	33.08	7.97	8.02	6.1	2.957	93.2
1604	10/21/2012 8:30:50	13.14	50.37	32.97	7.87	8.01	6.2	2.889	92.0
1605	10/21/2012 8:45:50	13.33	50.42	33.02	7.77	8.00	6.5	2.831	91.2
1606	10/21/2012 9:00:51	13.43	50.42	33.02	7.68	8.00	6.7	2.768	90.3
1607	10/21/2012 9:15:51	13.50	50.50	33.08	7.67	8.00	6.2	2.719	90.4
1608	10/21/2012 9:30:51	13.50	50.24	32.90	7.68	8.00	6.2	2.651	90.4
1609	10/21/2012 9:45:50	13.54	50.49	33.08	7.83	8.01	6.5	2.606	92.3
1610	10/21/2012 10:00:51	13.61	50.46	33.06	7.86	8.01	5.9	2.560	92.9
1611	10/21/2012 10:15:50	13.58	50.15	32.83	7.91	8.01	5.6	2.518	93.3
1612	10/21/2012 10:30:50	13.59	50.37	32.99	8.00	8.02	5.9	2.479	94.4
1613	10/21/2012 10:45:50	13.67	50.21	32.88	8.00	8.02	5.7	2.447	94.4
1614	10/21/2012 11:00:51	13.74	50.45	33.05	7.98	8.02	5.6	2.439	94.5
1615	10/21/2012 11:15:51	13.78	50.52	33.11	7.90	8.01	5.2	2.427	93.7
1616	10/21/2012 11:30:51	13.80	50.35	32.98	7.98	8.01	5.9	2.445	94.6
1617	10/21/2012 11:45:50	13.83	50.08	32.79	7.95	8.01	5.3	2.448	94.1
1618	10/21/2012 12:00:51	13.93	50.51	33.11	7.88	8.01	5.5	2.471	93.7
1619	10/21/2012 12:15:50	13.92	50.20	32.88	7.86	8.00	6.6	2.539	93.3
1620	10/21/2012 12:30:51	13.88	50.37	33.00	7.84	8.00	7.1	2.576	93.1
1621	10/21/2012 12:45:50	13.82	50.09	32.79	7.86	8.00	6.2	2.636	93.0
1622	10/21/2012 13:00:50	13.77	50.41	33.03	7.87	8.00	6.3	2.693	93.2
1623	10/21/2012 13:15:51	13.71	50.42	33.03	7.90	8.01	6.2	2.750	93.5
1624	10/21/2012 13:30:50	13.61	50.34	32.97	7.95	8.01	6.4	2.819	93.9
1625	10/21/2012 13:45:51	13.53	50.47	33.06	7.97	8.01	6.4	2.878	94.0
1626	10/21/2012 14:00:51	13.37	50.44	33.04	8.05	8.02	7.0	2.943	94.5
1627	10/21/2012 14:15:51	13.28	50.48	33.06	8.13	8.02	5.9	3.000	95.4
1628	10/21/2012 14:30:51	13.26	50.57	33.13	8.16	8.02	5.3	3.072	95.7
1629	10/21/2012 14:45:51	13.25	50.52	33.09	8.20	8.03	5.3	3.138	96.1
1630	10/21/2012 15:00:51	13.19	50.64	33.18	8.22	8.03	5.3	3.195	96.4
1631	10/21/2012 15:15:51	13.07	50.48	33.05	8.28	8.04	5.6	3.265	96.7
1632	10/21/2012 15:30:51	12.95	50.61	33.14	8.30	8.04	5.6	3.328	96.8
1633	10/21/2012 15:45:51	12.78	50.72	33.21	8.31	8.04	5.3	3.394	96.5
1634	10/21/2012 16:00:51	12.70	50.66	33.17	8.30	8.05	4.9	3.432	96.3
1635	10/21/2012 16:15:51	12.59	50.74	33.22	8.31	8.05	5.5	3.499	96.2
1636	10/21/2012 16:30:51	12.51	50.69	33.18	8.36	8.05	4.2	3.541	96.6
1637	10/21/2012 16:45:50	12.46	50.55	33.07	8.38	8.05	4.5	3.572	96.7
1638	10/21/2012 17:00:51	12.43	50.81	33.27	8.36	8.05	4.2	3.593	96.4
1639	10/21/2012 17:15:51	12.36	50.77	33.24	8.26	8.04	2.9	3.607	95.1
1640	10/21/2012 17:30:51	12.49	50.72	33.20	8.25	8.05	3.7	3.601	95.2
1641	10/21/2012 17:45:51	12.41	50.82	33.27	8.31	8.05	3.4	3.582	95.8
1642	10/21/2012 18:00:51	12.41	50.77	33.23	8.30	8.05	3.3	3.546	95.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1643	10/21/2012 18:15:51	12.60	50.67	33.17	8.25	8.05	4.1	3.482	95.5
1644	10/21/2012 18:30:51	12.87	50.77	33.25	8.29	8.05	5.6	3.415	96.5
1645	10/21/2012 18:45:51	13.18	50.70	33.22	8.33	8.05	6.6	3.337	97.6
1646	10/21/2012 19:00:51	13.17	50.51	33.08	8.30	8.05	5.6	3.246	97.2
1647	10/21/2012 19:15:51	13.42	50.57	33.13	8.48	8.06	6.8	3.159	99.9
1648	10/21/2012 19:30:51	13.54	50.60	33.16	8.53	8.06	7.0	3.063	100.6
1649	10/21/2012 19:45:50	13.87	50.39	33.02	8.79	8.08	6.2	2.965	104.3
1650	10/21/2012 20:00:51	13.87	50.53	33.12	8.81	8.08	8.6	2.866	104.6
1651	10/21/2012 20:15:51	14.14	50.39	33.03	8.86	8.09	6.3	2.761	105.7
1652	10/21/2012 20:30:50	14.11	50.38	33.02	8.65	8.08	6.7	2.650	103.2
1653	10/21/2012 20:45:50	13.90	50.35	32.99	8.48	8.06	6.2	2.558	100.7
1654	10/21/2012 21:00:51	13.59	50.56	33.13	8.32	8.05	5.8	2.444	98.2
1655	10/21/2012 21:15:51	13.56	50.54	33.12	8.15	8.03	6.7	2.329	96.2
1656	10/21/2012 21:30:50	13.55	50.25	32.90	8.08	8.03	6.8	2.216	95.2
1657	10/21/2012 21:45:51	13.65	50.41	33.03	8.12	8.03	6.8	2.112	96.0
1658	10/21/2012 22:00:51	13.83	50.29	32.94	8.13	8.04	7.1	2.008	96.3
1659	10/21/2012 22:15:51	13.75	50.17	32.85	8.08	8.03	6.8	1.902	95.5
1660	10/21/2012 22:30:50	13.93	50.10	32.81	8.13	8.04	6.8	1.778	96.4
1661	10/21/2012 22:45:51	13.98	50.35	32.99	8.17	8.04	6.1	1.708	97.1
1662	10/21/2012 23:00:51	14.04	50.17	32.86	8.15	8.04	6.1	1.635	97.0
1663	10/21/2012 23:15:50	14.07	49.96	32.71	8.22	8.04	5.9	1.541	97.8
1664	10/21/2012 23:30:50	14.13	50.08	32.80	8.30	8.05	6.1	1.517	98.9
1665	10/21/2012 23:45:51	14.14	49.91	32.67	8.27	8.05	6.2	1.483	98.5
1666	10/22/2012 0:00:50	13.83	49.81	32.59	7.98	8.02	6.8	1.492	94.4
1667	10/22/2012 0:15:51	14.02	49.91	32.67	8.28	8.06	5.9	1.488	98.3
1668	10/22/2012 0:30:51	13.95	49.77	32.57	8.32	8.05	6.4	1.519	98.6
1669	10/22/2012 0:45:50	14.03	49.81	32.60	8.27	8.05	6.4	1.583	98.2
1670	10/22/2012 1:00:50	14.17	50.06	32.78	8.43	8.07	6.2	1.635	100.5
1671	10/22/2012 1:15:51	14.13	50.01	32.75	8.39	8.06	7.1	1.703	100.0
1672	10/22/2012 1:30:50	14.10	49.58	32.43	8.36	8.05	6.8	1.777	99.3
1673	10/22/2012 1:45:50	14.17	49.51	32.38	8.31	8.04	6.5	1.865	98.9
1674	10/22/2012 2:00:50	14.15	49.64	32.48	8.32	8.05	6.5	1.928	99.0
1675	10/22/2012 2:15:50	14.14	49.70	32.52	8.32	8.05	6.2	2.011	99.0
1676	10/22/2012 2:30:50	14.10	49.64	32.48	8.31	8.04	5.8	2.092	98.7
1677	10/22/2012 2:45:51	14.05	49.81	32.59	8.30	8.05	5.6	2.177	98.6
1678	10/22/2012 3:00:50	14.05	49.80	32.59	8.26	8.04	5.9	2.256	98.2
1679	10/22/2012 3:15:51	13.94	50.02	32.75	8.16	8.04	5.7	2.326	96.9
1680	10/22/2012 3:30:51	13.88	50.03	32.76	8.10	8.03	5.9	2.427	96.1
1681	10/22/2012 3:45:51	13.85	50.14	32.83	8.11	8.03	6.7	2.509	96.1
1682	10/22/2012 4:00:51	13.80	50.16	32.84	8.10	8.03	6.7	2.588	95.9
1683	10/22/2012 4:15:50	13.72	49.93	32.68	8.10	8.03	7.3	2.678	95.6
1684	10/22/2012 4:30:50	13.60	50.11	32.80	8.08	8.03	6.6	2.759	95.2
1685	10/22/2012 4:45:51	13.55	50.30	32.94	8.05	8.02	7.2	2.844	94.9
1686	10/22/2012 5:00:51	13.45	50.34	32.96	8.05	8.03	7.4	2.922	94.7
1687	10/22/2012 5:15:51	13.28	50.27	32.91	8.08	8.03	7.9	2.998	94.6
1688	10/22/2012 5:30:50	13.11	50.22	32.87	8.12	8.03	8.4	3.074	94.8
1689	10/22/2012 5:45:50	12.88	50.21	32.85	8.20	8.03	8.3	3.147	95.2
1690	10/22/2012 6:00:50	12.64	50.36	32.95	8.23	8.04	7.5	3.219	95.2
1691	10/22/2012 6:15:50	12.55	50.30	32.90	8.23	8.04	6.1	3.279	95.0
1692	10/22/2012 6:30:50	12.48	50.16	32.79	8.22	8.04	5.9	3.334	94.7
1693	10/22/2012 6:45:51	12.46	50.58	33.10	8.19	8.04	6.8	3.371	94.4
1694	10/22/2012 7:00:50	12.41	50.16	32.79	8.19	8.04	4.2	3.401	94.2
1695	10/22/2012 7:15:51	12.63	50.39	32.96	8.10	8.04	4.5	3.412	93.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1696	10/22/2012 7:30:51	12.55	50.26	32.87	8.08	8.03	4.7	3.397	93.2
1697	10/22/2012 7:45:50	12.51	50.15	32.79	8.14	8.04	5.3	3.377	93.8
1698	10/22/2012 8:00:51	12.64	50.30	32.90	8.05	8.03	5.4	3.340	93.1
1699	10/22/2012 8:15:51	12.69	50.25	32.87	8.00	8.03	5.3	3.289	92.6
1700	10/22/2012 8:30:51	12.85	50.15	32.80	7.91	8.02	7.5	3.219	91.8
1701	10/22/2012 8:45:51	12.78	50.20	32.83	7.94	8.02	6.7	3.156	92.0
1702	10/22/2012 9:00:51	12.73	50.15	32.79	8.04	8.02	5.7	3.069	93.1
1703	10/22/2012 9:15:51	12.87	50.20	32.84	8.01	8.02	5.1	3.020	93.0
1704	10/22/2012 9:30:51	13.06	50.13	32.80	7.96	8.02	5.6	2.945	92.8
1705	10/22/2012 9:45:51	13.13	50.01	32.71	7.94	8.02	6.4	2.871	92.6
1706	10/22/2012 10:00:51	13.18	50.01	32.71	7.91	8.02	5.4	2.826	92.4
1707	10/22/2012 10:15:51	13.25	50.02	32.73	7.91	8.02	5.2	2.761	92.5
1708	10/22/2012 10:30:51	13.36	50.01	32.72	7.91	8.02	5.0	2.696	92.7
1709	10/22/2012 10:45:51	13.42	50.07	32.76	7.91	8.02	5.0	2.646	92.8
1710	10/22/2012 11:00:51	13.44	50.08	32.77	7.90	8.02	4.8	2.605	92.8
1711	10/22/2012 11:15:51	13.47	49.80	32.57	7.94	8.02	5.0	2.552	93.2
1712	10/22/2012 11:30:50	13.51	49.90	32.65	8.03	8.02	4.9	2.505	94.4
1713	10/22/2012 11:45:51	13.55	49.97	32.70	8.06	8.02	4.5	2.468	94.8
1714	10/22/2012 12:00:50	13.63	49.66	32.48	8.20	8.03	4.3	2.440	96.5
1715	10/22/2012 12:15:51	13.67	50.04	32.75	8.09	8.03	4.2	2.420	95.5
1716	10/22/2012 12:30:51	13.67	49.93	32.67	8.09	8.03	4.7	2.406	95.4
1717	10/22/2012 12:45:50	13.53	49.65	32.46	8.04	8.02	4.8	2.399	94.5
1718	10/22/2012 13:00:50	13.61	49.92	32.66	7.95	8.02	4.7	2.415	93.7
1719	10/22/2012 13:15:51	13.59	50.11	32.80	7.94	8.02	4.2	2.425	93.6
1720	10/22/2012 13:30:51	13.53	50.05	32.75	7.91	8.02	4.5	2.458	93.1
1721	10/22/2012 13:45:51	13.43	49.95	32.68	7.92	8.01	6.2	2.493	92.9
1722	10/22/2012 14:00:51	13.43	49.94	32.67	7.93	8.01	5.3	2.547	93.1
1723	10/22/2012 14:15:50	13.41	49.78	32.56	7.79	8.00	5.6	2.607	91.3
1724	10/22/2012 14:30:51	13.42	50.03	32.74	7.87	8.01	5.6	2.667	92.4
1725	10/22/2012 14:45:51	13.40	49.83	32.59	7.89	8.01	5.0	2.719	92.6
1726	10/22/2012 15:00:51	13.34	50.14	32.82	7.89	8.01	5.0	2.780	92.6
1727	10/22/2012 15:15:51	13.24	49.87	32.61	7.88	8.00	5.4	2.841	92.1
1728	10/22/2012 15:30:50	13.18	50.05	32.74	7.92	8.01	5.3	2.890	92.6
1729	10/22/2012 15:45:51	13.09	50.13	32.80	8.02	8.02	5.1	2.958	93.5
1730	10/22/2012 16:00:51	13.03	50.22	32.86	8.05	8.02	5.0	3.009	93.8
1731	10/22/2012 16:15:51	13.02	50.21	32.85	8.06	8.02	4.7	3.069	93.9
1732	10/22/2012 16:30:51	12.99	50.31	32.93	8.08	8.03	4.6	3.137	94.1
1733	10/22/2012 16:45:50	12.87	50.15	32.80	8.11	8.03	4.7	3.182	94.1
1734	10/22/2012 17:00:51	12.78	50.32	32.92	8.14	8.03	4.6	3.238	94.4
1735	10/22/2012 17:15:51	12.69	50.25	32.87	8.16	8.03	4.6	3.294	94.4
1736	10/22/2012 17:30:51	12.61	50.48	33.03	8.17	8.04	4.3	3.340	94.5
1737	10/22/2012 17:45:51	12.53	50.27	32.88	8.20	8.04	4.0	3.383	94.5
1738	10/22/2012 18:00:50	12.52	50.19	32.81	8.18	8.04	4.7	3.417	94.3
1739	10/22/2012 18:15:50	12.46	50.15	32.79	8.14	8.04	3.7	3.438	93.7
1740	10/22/2012 18:30:51	12.49	50.44	33.00	7.95	8.02	3.3	3.449	91.7
1741	10/22/2012 18:45:51	12.57	50.32	32.91	7.94	8.03	3.5	3.447	91.7
1742	10/22/2012 19:00:50	12.43	50.29	32.89	8.10	8.03	3.9	3.424	93.2
1743	10/22/2012 19:15:51	12.55	50.25	32.87	8.08	8.03	3.7	3.389	93.3
1744	10/22/2012 19:30:50	12.63	49.89	32.60	8.06	8.03	3.6	3.349	93.1
1745	10/22/2012 19:45:50	12.83	50.22	32.86	7.95	8.02	4.1	3.280	92.3
1746	10/22/2012 20:00:51	12.83	50.26	32.88	7.97	8.03	4.5	3.197	92.6
1747	10/22/2012 20:15:51	12.93	49.91	32.63	8.00	8.03	5.2	3.123	93.0
1748	10/22/2012 20:30:50	12.92	50.04	32.73	7.98	8.03	5.9	3.035	92.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1749	10/22/2012 20:45:51	12.94	50.14	32.80	8.00	8.03	5.3	2.944	93.1
1750	10/22/2012 21:00:51	12.98	50.08	32.75	7.99	8.03	5.6	2.852	92.9
1751	10/22/2012 21:15:51	13.01	49.95	32.67	8.03	8.04	5.7	2.772	93.4
1752	10/22/2012 21:30:51	13.08	49.99	32.69	8.10	8.05	6.2	2.676	94.4
1753	10/22/2012 21:45:51	13.11	49.82	32.57	8.17	8.06	10.7	2.591	95.2
1754	10/22/2012 22:00:51	13.12	49.83	32.58	8.23	8.07	6.6	2.503	96.0
1755	10/22/2012 22:15:51	13.06	49.87	32.61	8.19	8.07	6.6	2.391	95.4
1756	10/22/2012 22:30:51	13.01	50.06	32.74	8.00	8.04	7.2	2.298	93.1
1757	10/22/2012 22:45:51	12.96	49.98	32.68	7.96	8.04	7.0	2.198	92.5
1758	10/22/2012 23:00:51	13.01	49.88	32.61	7.99	8.04	7.8	2.093	93.0
1759	10/22/2012 23:15:51	13.00	49.78	32.54	8.02	8.04	7.6	1.988	93.2
1760	10/22/2012 23:30:51	13.02	49.79	32.55	8.05	8.05	7.8	1.900	93.7
1761	10/22/2012 23:45:51	13.02	49.71	32.49	8.07	8.05	7.2	1.820	93.8
1762	10/23/2012 0:00:51	12.97	49.66	32.45	8.10	8.05	6.8	1.734	94.0
1763	10/23/2012 0:15:51	12.97	49.63	32.43	8.13	8.06	6.8	1.675	94.4
1764	10/23/2012 0:30:51	13.02	49.63	32.43	8.12	8.06	6.5	1.650	94.4
1765	10/23/2012 0:45:51	12.97	49.68	32.47	8.09	8.06	6.5	1.605	93.9
1766	10/23/2012 1:00:51	13.00	49.47	32.31	8.11	8.06	6.9	1.594	94.2
1767	10/23/2012 1:15:51	12.92	49.64	32.44	8.10	8.06	6.0	1.610	93.9
1768	10/23/2012 1:30:51	12.97	49.71	32.49	8.11	8.06	6.5	1.642	94.2
1769	10/23/2012 1:45:51	13.00	49.59	32.40	8.10	8.06	6.2	1.676	94.1
1770	10/23/2012 2:00:51	12.95	49.67	32.45	8.05	8.05	6.3	1.736	93.5
1771	10/23/2012 2:15:51	13.01	49.62	32.42	8.06	8.05	6.1	1.813	93.7
1772	10/23/2012 2:30:51	13.00	49.47	32.31	8.03	8.04	6.1	1.873	93.2
1773	10/23/2012 2:45:51	12.98	49.32	32.21	8.04	8.04	6.2	1.952	93.2
1774	10/23/2012 3:00:51	13.02	49.39	32.25	8.00	8.04	6.3	2.030	92.9
1775	10/23/2012 3:15:51	12.99	49.23	32.14	7.97	8.04	5.9	2.098	92.4
1776	10/23/2012 3:30:51	12.98	49.32	32.20	7.98	8.03	5.9	2.187	92.5
1777	10/23/2012 3:45:51	12.90	49.35	32.22	7.94	8.03	6.1	2.254	92.0
1778	10/23/2012 4:00:51	13.01	49.53	32.36	7.92	8.03	5.9	2.338	92.0
1779	10/23/2012 4:15:51	13.04	49.73	32.50	7.89	8.03	5.9	2.417	91.8
1780	10/23/2012 4:30:51	13.03	49.82	32.57	7.89	8.03	6.2	2.502	91.7
1781	10/23/2012 4:45:51	13.03	49.95	32.67	7.89	8.03	6.4	2.581	91.9
1782	10/23/2012 5:00:51	13.05	49.75	32.52	7.90	8.03	6.4	2.659	92.0
1783	10/23/2012 5:15:51	12.98	50.05	32.73	7.89	8.03	6.3	2.748	91.8
1784	10/23/2012 5:30:50	12.89	49.89	32.61	7.88	8.02	6.4	2.828	91.4
1785	10/23/2012 5:45:51	12.85	50.14	32.80	7.87	8.02	6.3	2.903	91.4
1786	10/23/2012 6:00:50	12.80	49.98	32.68	7.87	8.02	6.4	2.982	91.2
1787	10/23/2012 6:15:51	12.72	50.15	32.80	7.88	8.02	6.8	3.062	91.2
1788	10/23/2012 6:30:51	12.55	50.25	32.86	7.92	8.03	6.9	3.136	91.4
1789	10/23/2012 6:45:51	12.45	50.27	32.87	7.96	8.03	7.1	3.207	91.6
1790	10/23/2012 7:00:51	12.27	50.24	32.84	8.03	8.03	6.2	3.278	92.1
1791	10/23/2012 7:15:51	12.15	50.36	32.92	8.06	8.03	6.1	3.339	92.2
1792	10/23/2012 7:30:51	12.07	50.34	32.91	8.08	8.04	5.5	3.397	92.4
1793	10/23/2012 7:45:51	11.99	50.28	32.86	8.10	8.04	5.0	3.439	92.4
1794	10/23/2012 8:00:51	11.99	50.20	32.80	8.05	8.04	4.5	3.466	91.8
Mean		14.48	50.86	33.37	8.26	8.00	6.74	2.72	99.52
Minimum		11.99	49.23	32.14	6.85	7.88	2.70	0.97	81.70
Maximum		16.83	51.43	33.84	9.94	8.17	45.20	4.12	124.70

Parameter	Criteria	Source

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #		Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
Dissolved Oxygen		6.0 mg/L (min)								NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH		7.0 - 8.5 (range)								NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	10/23/2012 8:31:33	12.02	49.89	32.58	7.95	7.99	4.4	3.404	90.5
1	10/23/2012 8:46:32	11.95	49.92	32.59	8.00	8.00	4.3	3.375	91.0
2	10/23/2012 9:01:32	11.99	49.88	32.57	7.98	8.00	4.7	3.331	90.8
3	10/23/2012 9:16:33	12.10	49.84	32.55	7.93	8.00	5.2	3.287	90.5
4	10/23/2012 9:31:32	12.16	49.58	32.36	7.68	7.98	5.6	3.225	87.7
5	10/23/2012 9:46:33	12.35	49.73	32.47	7.90	8.00	5.0	3.140	90.6
6	10/23/2012 10:01:32	12.33	49.71	32.46	8.04	8.01	4.5	3.056	92.1
7	10/23/2012 10:16:33	12.36	49.70	32.46	8.18	8.02	4.3	2.989	93.7
8	10/23/2012 10:31:33	12.46	49.67	32.44	8.15	8.03	4.5	2.919	93.6
9	10/23/2012 10:46:33	12.43	49.49	32.30	7.99	8.01	4.8	2.830	91.6
10	10/23/2012 11:01:33	12.61	49.51	32.32	8.07	8.03	4.7	2.765	92.9
11	10/23/2012 11:16:33	12.53	49.41	32.25	8.11	8.02	5.1	2.699	93.2
12	10/23/2012 11:31:33	12.60	49.41	32.25	8.24	8.03	4.9	2.631	94.9
13	10/23/2012 11:46:32	12.70	49.38	32.24	8.24	8.04	5.0	2.554	95.0
14	10/23/2012 12:01:32	12.69	49.34	32.21	8.24	8.04	4.9	2.495	95.0
15	10/23/2012 12:16:32	12.81	49.32	32.20	8.51	8.07	5.1	2.439	98.4
16	10/23/2012 12:31:32	12.82	49.31	32.19	8.49	8.06	5.2	2.360	98.1
17	10/23/2012 12:46:33	12.88	49.28	32.17	8.64	8.08	5.4	2.324	99.9
18	10/23/2012 13:01:33	13.01	49.25	32.15	8.74	8.09	5.1	2.274	101.4
19	10/23/2012 13:16:32	13.02	49.23	32.14	8.68	8.08	4.8	2.228	100.7
20	10/23/2012 13:31:32	13.02	49.19	32.11	8.65	8.08	4.3	2.206	100.3
21	10/23/2012 13:46:33	13.10	49.17	32.10	8.60	8.08	4.2	2.173	99.9
22	10/23/2012 14:01:33	13.09	49.18	32.11	8.60	8.08	4.5	2.181	99.9
23	10/23/2012 14:16:33	13.08	49.19	32.11	8.63	8.08	4.3	2.191	100.2
24	10/23/2012 14:31:33	13.10	49.21	32.13	8.65	8.07	4.8	2.217	100.5
25	10/23/2012 14:46:33	13.05	49.23	32.14	8.58	8.07	4.6	2.246	99.6
26	10/23/2012 15:01:33	13.02	49.24	32.15	8.45	8.06	5.0	2.288	98.0
27	10/23/2012 15:16:32	12.99	49.21	32.12	8.30	8.04	5.4	2.349	96.2
28	10/23/2012 15:31:32	12.93	49.02	31.98	7.86	8.00	6.5	2.406	90.9
29	10/23/2012 15:46:33	12.93	49.17	32.09	7.98	8.01	5.8	2.458	92.4
30	10/23/2012 16:01:33	12.93	49.27	32.17	8.09	8.02	5.2	2.523	93.7
31	10/23/2012 16:16:33	12.92	49.35	32.22	8.13	8.03	4.5	2.581	94.2
32	10/23/2012 16:31:33	12.85	49.42	32.27	8.03	8.02	4.8	2.650	92.9
33	10/23/2012 16:46:33	12.75	49.52	32.34	7.99	8.02	4.8	2.697	92.3
34	10/23/2012 17:01:33	12.73	49.58	32.38	8.01	8.02	4.3	2.756	92.5
35	10/23/2012 17:16:33	12.69	49.61	32.40	8.05	8.02	4.3	2.827	92.9
36	10/23/2012 17:31:33	12.67	49.61	32.40	8.04	8.02	4.5	2.876	92.8
37	10/23/2012 17:46:33	12.65	49.62	32.41	8.01	8.02	4.5	2.937	92.4
38	10/23/2012 18:01:33	12.59	49.66	32.43	8.03	8.02	4.5	3.004	92.5
39	10/23/2012 18:16:33	12.50	49.70	32.46	8.02	8.02	4.6	3.053	92.2
40	10/23/2012 18:31:33	12.42	49.74	32.49	8.04	8.02	4.5	3.122	92.3
41	10/23/2012 18:46:33	12.34	49.77	32.51	8.06	8.02	4.0	3.168	92.4
42	10/23/2012 19:01:33	12.27	49.80	32.52	8.05	8.03	3.7	3.219	92.2
43	10/23/2012 19:16:33	12.24	49.81	32.53	8.03	8.03	3.7	3.263	91.9
44	10/23/2012 19:31:33	12.17	49.83	32.54	8.04	8.03	3.7	3.279	91.9
45	10/23/2012 19:46:33	12.16	49.83	32.54	7.99	8.02	2.9	3.299	91.3
46	10/23/2012 20:01:33	12.20	49.82	32.53	7.98	8.02	3.7	3.297	91.2
47	10/23/2012 20:16:33	12.10	49.86	32.56	8.03	8.03	3.9	3.288	91.6
48	10/23/2012 20:31:33	12.18	49.81	32.53	7.97	8.02	3.8	3.262	91.1
49	10/23/2012 20:46:33	12.23	48.80	31.80	7.97	8.02	4.0	3.216	90.8
50	10/23/2012 21:01:33	12.41	49.62	32.40	7.82	8.01	5.5	3.152	89.8
51	10/23/2012 21:16:33	12.38	49.62	32.40	7.74	8.00	4.8	3.095	88.8
52	10/23/2012 21:31:33	12.38	49.65	32.42	7.87	8.01	4.8	3.022	90.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	10/23/2012 21:46:33	12.44	47.10	30.58	7.97	8.02	5.1	2.942	90.5
54	10/23/2012 22:01:33	12.48	47.48	30.85	7.98	8.02	5.1	2.853	90.8
55	10/23/2012 22:16:33	12.52	47.24	30.68	8.01	8.02	4.8	2.777	91.2
56	10/23/2012 22:31:33	12.55	45.15	29.18	8.12	8.02	5.0	2.683	91.6
57	10/23/2012 22:46:33	12.60	44.75	28.90	8.25	8.04	5.2	2.591	92.9
58	10/23/2012 23:01:33	12.67	45.10	29.15	8.46	8.09	5.4	2.513	95.6
59	10/23/2012 23:16:33	12.71	44.54	28.75	8.58	8.10	5.7	2.415	96.9
60	10/23/2012 23:31:33	12.70	44.54	28.74	8.61	8.12	6.2	2.321	97.1
61	10/23/2012 23:46:33	12.65	44.74	28.89	8.56	8.10	5.9	2.233	96.6
62	10/24/2012 0:01:33	12.56	44.64	28.82	8.53	8.09	6.2	2.140	96.0
63	10/24/2012 0:16:33	12.52	44.58	28.77	8.58	8.09	5.8	2.042	96.4
64	10/24/2012 0:31:33	12.52	44.80	28.92	8.59	8.09	6.8	1.954	96.6
65	10/24/2012 0:46:33	12.49	44.57	28.76	8.63	8.10	5.3	1.874	96.9
66	10/24/2012 1:01:33	12.43	44.58	28.77	8.60	8.10	5.6	1.821	96.5
67	10/24/2012 1:16:33	12.42	44.47	28.69	8.57	8.09	5.6	1.747	96.1
68	10/24/2012 1:31:33	12.41	44.64	28.81	8.61	8.10	5.7	1.712	96.6
69	10/24/2012 1:46:33	12.47	44.48	28.69	8.61	8.10	4.9	1.690	96.6
70	10/24/2012 2:01:33	12.41	44.53	28.73	8.59	8.10	5.0	1.667	96.4
71	10/24/2012 2:16:33	12.43	44.43	28.66	8.70	8.10	5.1	1.684	97.6
72	10/24/2012 2:31:33	12.42	45.30	29.28	8.65	8.10	5.2	1.692	97.4
73	10/24/2012 2:46:33	12.43	44.66	28.82	8.64	8.09	5.5	1.748	97.0
74	10/24/2012 3:01:33	12.47	44.67	28.83	8.64	8.09	5.6	1.794	97.1
75	10/24/2012 3:16:33	12.45	44.89	28.99	8.59	8.08	5.3	1.840	96.5
76	10/24/2012 3:31:33	12.44	44.75	28.89	8.51	8.07	5.5	1.930	95.5
77	10/24/2012 3:46:33	12.47	44.46	28.69	8.53	8.07	5.0	1.996	95.7
78	10/24/2012 4:01:33	12.47	44.29	28.56	8.48	8.07	5.1	2.068	95.1
79	10/24/2012 4:16:33	12.45	44.50	28.71	8.40	8.06	5.1	2.144	94.3
80	10/24/2012 4:31:33	12.45	44.48	28.70	8.37	8.05	5.2	2.225	93.9
81	10/24/2012 4:46:33	12.35	43.98	28.33	8.27	8.04	5.0	2.306	92.4
82	10/24/2012 5:01:33	12.46	44.17	28.47	8.16	8.03	5.4	2.381	91.5
83	10/24/2012 5:16:33	12.46	44.52	28.72	8.13	8.03	5.3	2.465	91.2
84	10/24/2012 5:31:33	12.46	44.58	28.77	8.12	8.02	5.2	2.540	91.2
85	10/24/2012 5:46:33	12.46	44.62	28.80	8.16	8.03	5.7	2.627	91.6
86	10/24/2012 6:01:33	12.46	44.63	28.80	8.15	8.03	5.8	2.707	91.5
87	10/24/2012 6:16:33	12.40	44.80	28.92	8.11	8.02	5.7	2.779	91.1
88	10/24/2012 6:31:33	12.37	44.89	28.99	8.10	8.02	6.2	2.868	90.8
89	10/24/2012 6:46:33	12.34	45.04	29.09	8.08	8.02	6.2	2.942	90.7
90	10/24/2012 7:01:33	12.28	45.20	29.21	8.07	8.02	6.6	3.021	90.6
91	10/24/2012 7:16:33	12.14	45.00	29.06	8.12	8.02	6.2	3.100	90.7
92	10/24/2012 7:31:33	12.04	44.98	29.04	8.13	8.02	6.8	3.183	90.6
93	10/24/2012 7:46:33	11.89	45.03	29.06	8.25	8.02	6.6	3.256	91.7
94	10/24/2012 8:01:33	11.80	45.10	29.11	8.32	8.03	5.8	3.320	92.3
95	10/24/2012 8:16:33	11.73	45.14	29.14	8.34	8.03	4.8	3.390	92.4
96	10/24/2012 8:31:33	11.68	45.19	29.17	8.35	8.03	4.7	3.443	92.4
97	10/24/2012 8:46:33	11.62	45.34	29.28	8.36	8.04	3.7	3.477	92.6
98	10/24/2012 9:01:33	11.60	45.90	29.68	8.23	8.04	3.1	3.495	91.3
99	10/24/2012 9:16:33	11.76	45.42	29.34	8.13	8.03	3.7	3.513	90.3
100	10/24/2012 9:31:33	11.60	45.70	29.54	8.27	8.04	3.6	3.497	91.6
101	10/24/2012 9:46:33	11.66	45.22	29.20	8.29	8.03	4.6	3.447	91.8
102	10/24/2012 10:01:33	11.71	45.24	29.21	8.24	8.03	4.8	3.403	91.3
103	10/24/2012 10:16:33	11.87	45.65	29.51	8.16	8.02	5.7	3.340	90.8
104	10/24/2012 10:31:33	12.04	45.36	29.31	8.29	8.03	5.1	3.259	92.6
105	10/24/2012 10:46:33	11.98	44.85	28.94	8.50	8.04	4.7	3.167	94.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	10/24/2012 11:01:33	12.07	44.88	28.96	8.45	8.04	4.5	3.086	94.2
107	10/24/2012 11:16:33	12.21	44.67	28.82	8.44	8.04	4.5	3.002	94.3
108	10/24/2012 11:31:33	12.17	44.76	28.89	8.41	8.04	4.5	2.912	93.9
109	10/24/2012 11:46:33	12.20	44.86	28.96	8.31	8.03	4.5	2.837	92.9
110	10/24/2012 12:01:33	12.23	44.49	28.69	8.37	8.04	4.5	2.749	93.4
111	10/24/2012 12:16:33	12.27	44.45	28.67	8.43	8.04	4.8	2.673	94.2
112	10/24/2012 12:31:33	12.31	44.29	28.55	8.47	8.05	4.5	2.591	94.7
113	10/24/2012 12:46:33	12.36	44.43	28.66	8.73	8.07	4.7	2.510	97.7
114	10/24/2012 13:01:33	12.40	44.76	28.89	8.62	8.07	4.5	2.422	96.7
115	10/24/2012 13:16:33	12.50	44.69	28.85	9.06	8.10	4.2	2.353	101.8
116	10/24/2012 13:31:33	12.61	44.55	28.75	9.26	8.11	4.2	2.275	104.3
117	10/24/2012 13:46:33	12.64	45.01	29.08	9.14	8.12	4.1	2.206	103.2
118	10/24/2012 14:01:33	12.68	44.93	29.03	9.25	8.12	4.0	2.143	104.6
119	10/24/2012 14:16:33	12.80	44.61	28.80	9.51	8.13	3.9	2.088	107.6
120	10/24/2012 14:31:33	12.81	44.45	28.68	9.35	8.13	3.8	2.058	105.7
121	10/24/2012 14:46:33	12.81	44.38	28.64	9.33	8.14	3.5	2.035	105.4
122	10/24/2012 15:01:33	12.78	44.31	28.59	9.18	8.13	3.3	2.020	103.6
123	10/24/2012 15:16:33	12.70	44.73	28.88	9.10	8.12	3.4	2.034	102.7
124	10/24/2012 15:31:33	12.70	44.58	28.77	9.10	8.11	3.6	2.055	102.6
125	10/24/2012 15:46:33	12.65	44.38	28.63	9.00	8.10	3.9	2.097	101.4
126	10/24/2012 16:01:33	12.63	44.35	28.61	8.91	8.10	4.3	2.145	100.3
127	10/24/2012 16:16:33	12.61	44.24	28.53	8.83	8.09	4.7	2.210	99.3
128	10/24/2012 16:31:33	12.59	43.96	28.33	8.60	8.05	5.7	2.283	96.5
129	10/24/2012 16:46:33	12.59	44.25	28.53	8.62	8.06	4.8	2.342	96.9
130	10/24/2012 17:01:33	12.59	44.50	28.71	8.60	8.06	4.5	2.400	96.8
131	10/24/2012 17:16:33	12.58	44.49	28.71	8.58	8.06	4.3	2.469	96.5
132	10/24/2012 17:31:33	12.56	44.47	28.69	8.53	8.05	4.2	2.537	95.9
133	10/24/2012 17:46:33	12.52	44.58	28.77	8.45	8.04	4.5	2.598	95.0
134	10/24/2012 18:01:33	12.47	45.39	29.34	8.35	8.04	4.3	2.661	94.1
135	10/24/2012 18:16:33	12.44	45.33	29.30	8.31	8.03	4.5	2.726	93.6
136	10/24/2012 18:31:33	12.41	45.50	29.43	8.27	8.03	4.6	2.781	93.2
137	10/24/2012 18:46:33	12.39	45.20	29.21	8.28	8.03	4.7	2.849	93.1
138	10/24/2012 19:01:33	12.38	45.38	29.34	8.25	8.03	4.7	2.910	92.8
139	10/24/2012 19:16:33	12.35	45.59	29.48	8.23	8.03	4.6	2.970	92.6
140	10/24/2012 19:31:33	12.30	45.42	29.36	8.25	8.03	4.5	3.032	92.6
141	10/24/2012 19:46:33	12.27	45.69	29.56	8.22	8.03	4.4	3.091	92.4
142	10/24/2012 20:01:33	12.24	45.41	29.35	8.24	8.03	4.5	3.150	92.4
143	10/24/2012 20:16:33	12.20	45.75	29.59	8.24	8.03	4.1	3.196	92.4
144	10/24/2012 20:31:33	12.14	46.29	29.98	8.30	8.03	4.5	3.236	93.3
145	10/24/2012 20:46:33	12.09	45.52	29.42	8.36	8.04	4.2	3.279	93.6
146	10/24/2012 21:01:33	12.08	45.24	29.22	8.31	8.04	3.7	3.298	92.8
147	10/24/2012 21:16:33	12.18	45.44	29.37	8.17	8.03	4.2	3.301	91.6
148	10/24/2012 21:31:33	12.07	45.24	29.22	8.28	8.03	3.9	3.292	92.5
149	10/24/2012 21:46:33	12.14	45.10	29.12	8.25	8.03	3.9	3.265	92.2
150	10/24/2012 22:01:33	12.13	44.54	28.73	8.29	8.03	4.3	3.220	92.4
151	10/24/2012 22:16:33	12.28	45.17	29.19	8.17	8.04	5.4	3.156	91.7
152	10/24/2012 22:31:33	12.40	45.31	29.28	8.23	8.07	6.4	3.092	92.6
153	10/24/2012 22:46:33	12.26	45.36	29.31	8.02	8.03	5.4	3.006	90.0
154	10/24/2012 23:01:33	12.19	45.07	29.11	7.90	8.00	5.1	2.925	88.4
155	10/24/2012 23:16:33	12.24	45.44	29.37	7.99	8.01	5.4	2.837	89.6
156	10/24/2012 23:31:33	12.23	45.13	29.15	8.06	8.02	5.2	2.743	90.3
157	10/24/2012 23:46:33	12.26	45.03	29.08	8.05	8.03	5.1	2.658	90.2
158	10/25/2012 0:01:33	12.29	44.96	29.03	8.14	8.03	5.4	2.565	91.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	10/25/2012 0:16:33	12.30	44.78	28.90	8.27	8.04	5.3	2.481	92.6
160	10/25/2012 0:31:33	12.23	45.14	29.16	8.20	8.03	5.4	2.384	91.8
161	10/25/2012 0:46:33	12.32	44.76	28.89	8.44	8.06	5.3	2.287	94.5
162	10/25/2012 1:01:33	12.33	45.01	29.07	8.49	8.07	5.4	2.199	95.2
163	10/25/2012 1:16:33	12.20	45.41	29.35	8.34	8.05	5.1	2.111	93.5
164	10/25/2012 1:31:33	12.21	45.06	29.10	8.31	8.05	4.8	2.021	93.0
165	10/25/2012 1:46:33	12.19	44.67	28.82	8.28	8.04	4.7	1.942	92.4
166	10/25/2012 2:01:33	12.25	45.02	29.08	8.69	8.10	4.0	1.895	97.4
167	10/25/2012 2:16:33	12.20	44.38	28.62	8.72	8.09	4.0	1.825	97.3
168	10/25/2012 2:31:33	12.22	45.08	29.11	8.81	8.11	3.6	1.798	98.6
169	10/25/2012 2:46:33	12.26	44.71	28.85	8.76	8.11	3.3	1.774	98.0
170	10/25/2012 3:01:33	12.26	44.04	28.37	8.90	8.12	3.1	1.766	99.2
171	10/25/2012 3:16:33	12.24	44.46	28.68	8.94	8.11	3.9	1.793	99.8
172	10/25/2012 3:31:33	12.24	44.42	28.65	8.92	8.11	3.6	1.808	99.6
173	10/25/2012 3:46:33	12.28	44.34	28.59	8.92	8.11	3.7	1.856	99.6
174	10/25/2012 4:01:33	12.33	44.46	28.68	8.95	8.11	3.7	1.916	100.2
175	10/25/2012 4:16:33	12.30	44.64	28.81	8.89	8.11	3.8	1.977	99.5
176	10/25/2012 4:31:33	12.28	43.91	28.28	8.80	8.09	4.3	2.059	98.1
177	10/25/2012 4:46:33	12.28	43.98	28.33	8.73	8.08	4.7	2.141	97.3
178	10/25/2012 5:01:33	12.30	44.12	28.44	8.63	8.08	4.7	2.209	96.4
179	10/25/2012 5:16:33	12.19	43.72	28.14	8.58	8.07	4.9	2.296	95.4
180	10/25/2012 5:31:33	12.30	43.36	27.89	8.56	8.07	4.7	2.376	95.3
181	10/25/2012 5:46:33	12.33	43.38	27.91	8.46	8.05	4.8	2.453	94.2
182	10/25/2012 6:01:33	12.28	44.48	28.69	8.29	8.04	4.8	2.534	92.6
183	10/25/2012 6:16:33	12.25	43.69	28.13	8.24	8.03	5.0	2.622	91.7
184	10/25/2012 6:31:33	12.24	43.94	28.31	8.21	8.02	5.5	2.704	91.5
185	10/25/2012 6:46:33	12.22	43.68	28.12	8.20	8.02	5.7	2.786	91.2
186	10/25/2012 7:01:33	12.18	44.19	28.48	8.15	8.02	5.8	2.865	90.8
187	10/25/2012 7:16:33	12.12	43.94	28.30	8.14	8.02	6.3	2.956	90.4
188	10/25/2012 7:31:33	12.10	44.42	28.64	8.13	8.01	6.8	3.031	90.5
189	10/25/2012 7:46:33	12.07	44.78	28.90	8.15	8.02	6.5	3.105	90.8
190	10/25/2012 8:01:33	12.01	43.86	28.24	8.21	8.02	6.7	3.195	91.0
191	10/25/2012 8:16:33	11.89	44.00	28.33	8.32	8.03	7.6	3.276	92.0
192	10/25/2012 8:31:33	11.77	44.06	28.37	8.46	8.04	8.1	3.349	93.4
193	10/25/2012 8:46:33	11.69	44.20	28.46	8.58	8.05	6.7	3.423	94.6
194	10/25/2012 9:01:33	11.62	44.25	28.50	8.66	8.06	6.4	3.489	95.4
195	10/25/2012 9:16:33	11.57	44.33	28.56	8.72	8.07	5.0	3.544	95.9
196	10/25/2012 9:31:33	11.54	44.86	28.93	8.72	8.07	4.6	3.583	96.1
197	10/25/2012 9:46:33	11.54	44.76	28.86	8.63	8.07	3.4	3.614	95.1
198	10/25/2012 10:01:33	11.58	44.80	28.89	8.57	8.06	4.5	3.614	94.5
199	10/25/2012 10:16:33	11.55	44.54	28.71	8.71	8.07	3.9	3.604	95.9
200	10/25/2012 10:31:33	11.56	44.46	28.65	8.69	8.07	4.2	3.567	95.6
201	10/25/2012 10:46:33	11.71	44.32	28.55	8.65	8.06	5.4	3.488	95.5
202	10/25/2012 11:01:33	11.87	44.97	29.03	8.68	8.06	6.5	3.424	96.4
203	10/25/2012 11:16:33	12.01	44.61	28.77	8.96	8.08	4.9	3.339	99.6
204	10/25/2012 11:31:33	12.05	44.12	28.43	9.13	8.09	4.9	3.249	101.4
205	10/25/2012 11:46:33	12.11	43.92	28.28	8.87	8.08	5.6	3.144	98.6
206	10/25/2012 12:01:33	12.02	44.02	28.35	8.68	8.06	5.9	3.049	96.4
207	10/25/2012 12:16:33	12.09	43.50	27.98	8.63	8.05	5.1	2.960	95.6
208	10/25/2012 12:31:33	12.22	43.43	27.94	8.69	8.06	5.0	2.853	96.6
209	10/25/2012 12:46:33	12.29	43.88	28.26	8.73	8.07	4.8	2.765	97.4
210	10/25/2012 13:01:33	12.39	43.66	28.11	8.86	8.08	4.4	2.666	98.9
211	10/25/2012 13:16:33	12.46	44.09	28.42	9.00	8.09	4.2	2.565	100.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	10/25/2012 13:31:33	12.55	44.34	28.60	9.04	8.09	4.0	2.466	101.5
213	10/25/2012 13:46:33	12.68	43.59	28.07	9.27	8.11	4.4	2.373	104.1
214	10/25/2012 14:01:33	12.79	43.61	28.09	9.69	8.13	4.2	2.272	109.0
215	10/25/2012 14:16:33	12.89	43.51	28.01	9.63	8.13	4.0	2.166	108.6
216	10/25/2012 14:31:33	12.92	43.55	28.05	9.56	8.13	3.9	2.098	107.9
217	10/25/2012 14:46:33	13.00	43.70	28.15	9.61	8.14	3.9	2.006	108.7
218	10/25/2012 15:01:33	13.05	43.93	28.32	9.60	8.14	4.0	1.923	108.8
219	10/25/2012 15:16:33	13.04	43.58	28.07	9.45	8.13	3.6	1.889	106.9
220	10/25/2012 15:31:33	13.08	43.93	28.33	9.54	8.14	3.8	1.847	108.3
221	10/25/2012 15:46:33	13.07	43.57	28.06	9.42	8.14	3.0	1.832	106.7
222	10/25/2012 16:01:33	13.19	43.89	28.30	9.70	8.14	3.6	1.827	110.2
223	10/25/2012 16:16:33	13.14	44.07	28.43	9.69	8.15	3.6	1.859	110.2
224	10/25/2012 16:31:33	13.07	43.26	27.84	9.75	8.15	3.4	1.912	110.2
225	10/25/2012 16:46:33	12.93	42.99	27.65	9.86	8.16	3.7	1.955	111.0
226	10/25/2012 17:01:33	12.88	43.47	27.99	9.84	8.17	3.3	2.024	110.9
227	10/25/2012 17:16:33	12.90	43.54	28.04	9.59	8.14	4.5	2.098	108.2
228	10/25/2012 17:31:33	12.87	43.87	28.27	9.54	8.14	4.0	2.168	107.7
229	10/25/2012 17:46:33	12.87	43.06	27.70	9.43	8.12	4.1	2.246	106.1
230	10/25/2012 18:01:33	12.81	43.47	27.99	9.31	8.11	4.3	2.321	104.8
231	10/25/2012 18:16:33	12.80	43.60	28.08	9.27	8.11	4.2	2.383	104.4
232	10/25/2012 18:31:33	12.76	43.30	27.86	9.21	8.10	4.1	2.460	103.5
233	10/25/2012 18:46:33	12.70	43.25	27.83	9.10	8.09	4.1	2.541	102.1
234	10/25/2012 19:01:33	12.60	43.35	27.89	8.78	8.07	4.8	2.598	98.3
235	10/25/2012 19:16:33	12.51	43.46	27.97	8.58	8.05	4.8	2.672	95.9
236	10/25/2012 19:31:33	12.49	43.93	28.30	8.52	8.05	5.0	2.752	95.4
237	10/25/2012 19:46:33	12.46	43.80	28.21	8.45	8.04	5.0	2.819	94.5
238	10/25/2012 20:01:33	12.42	43.62	28.08	8.45	8.04	5.0	2.886	94.3
239	10/25/2012 20:16:33	12.37	43.75	28.17	8.45	8.04	4.8	2.954	94.3
240	10/25/2012 20:31:33	12.33	43.71	28.14	8.48	8.04	4.9	3.024	94.5
241	10/25/2012 20:46:33	12.30	43.67	28.11	8.47	8.04	4.8	3.086	94.4
242	10/25/2012 21:01:33	12.27	43.74	28.16	8.49	8.04	4.8	3.144	94.6
243	10/25/2012 21:16:33	12.22	43.75	28.17	8.56	8.05	4.9	3.206	95.2
244	10/25/2012 21:31:33	12.16	43.86	28.24	8.61	8.05	4.5	3.254	95.7
245	10/25/2012 21:46:33	12.13	43.90	28.27	8.58	8.05	4.6	3.291	95.4
246	10/25/2012 22:01:33	12.12	43.76	28.17	8.54	8.05	4.0	3.321	94.8
247	10/25/2012 22:16:33	12.13	44.03	28.36	8.40	8.05	3.7	3.333	93.4
248	10/25/2012 22:31:33	12.14	44.28	28.54	8.45	8.05	3.7	3.321	94.1
249	10/25/2012 22:46:33	12.13	44.37	28.61	8.47	8.04	3.8	3.292	94.3
250	10/25/2012 23:01:33	12.14	44.31	28.56	8.48	8.05	3.9	3.257	94.5
251	10/25/2012 23:16:33	12.18	44.24	28.51	8.43	8.04	4.5	3.197	93.9
252	10/25/2012 23:31:33	12.28	43.92	28.29	8.40	8.06	5.4	3.119	93.7
253	10/25/2012 23:46:33	12.20	43.85	28.23	8.12	8.02	5.3	3.037	90.4
254	10/26/2012 0:01:33	12.16	43.76	28.17	8.14	8.01	5.1	2.955	90.4
255	10/26/2012 0:16:33	12.17	43.66	28.10	8.14	8.01	5.0	2.853	90.4
256	10/26/2012 0:31:33	12.23	43.62	28.07	8.16	8.02	5.2	2.766	90.7
257	10/26/2012 0:46:33	12.25	43.61	28.06	8.23	8.02	5.1	2.676	91.6
258	10/26/2012 1:01:33	12.34	43.64	28.09	8.32	8.04	5.6	2.573	92.8
259	10/26/2012 1:16:33	12.25	43.91	28.28	8.32	8.03	5.1	2.482	92.7
260	10/26/2012 1:31:33	12.31	43.45	27.96	8.51	8.05	5.4	2.401	94.8
261	10/26/2012 1:46:33	12.30	43.27	27.83	8.58	8.06	5.3	2.308	95.4
262	10/26/2012 2:01:33	12.24	43.41	27.93	8.59	8.06	5.4	2.207	95.4
263	10/26/2012 2:16:33	12.26	43.37	27.89	8.60	8.06	4.8	2.121	95.6
264	10/26/2012 2:31:33	12.22	43.28	27.83	8.60	8.06	5.0	2.044	95.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	10/26/2012 2:46:33	12.24	43.19	27.77	8.65	8.07	4.5	1.981	96.0
266	10/26/2012 3:01:33	12.32	43.55	28.02	8.86	8.10	4.1	1.925	98.7
267	10/26/2012 3:16:33	12.35	43.61	28.07	8.98	8.11	3.9	1.867	100.2
268	10/26/2012 3:31:33	12.43	43.58	28.05	9.14	8.12	3.9	1.848	102.1
269	10/26/2012 3:46:33	12.47	43.62	28.08	9.31	8.14	3.3	1.848	104.1
270	10/26/2012 4:01:33	12.46	43.89	28.28	9.23	8.14	3.2	1.838	103.3
271	10/26/2012 4:16:33	12.47	43.45	27.96	9.38	8.15	3.4	1.878	104.8
272	10/26/2012 4:31:33	12.47	43.52	28.01	9.29	8.13	3.5	1.915	103.8
273	10/26/2012 4:46:33	12.48	43.23	27.81	9.25	8.13	3.9	1.985	103.3
274	10/26/2012 5:01:33	12.47	43.18	27.77	9.23	8.12	4.2	2.049	103.0
275	10/26/2012 5:16:33	12.37	42.85	27.53	8.97	8.10	5.4	2.117	99.7
276	10/26/2012 5:31:33	12.37	42.82	27.51	8.92	8.09	5.1	2.218	99.1
277	10/26/2012 5:46:33	12.35	42.70	27.42	8.87	8.08	5.1	2.291	98.5
278	10/26/2012 6:01:33	12.41	42.99	27.63	8.85	8.08	4.8	2.356	98.6
279	10/26/2012 6:16:33	12.40	42.96	27.61	8.77	8.07	5.4	2.444	97.6
280	10/26/2012 6:31:33	12.36	43.01	27.64	8.61	8.06	4.8	2.529	95.7
281	10/26/2012 6:46:33	12.32	43.83	28.23	8.46	8.04	5.0	2.592	94.3
282	10/26/2012 7:01:33	12.29	44.13	28.44	8.39	8.04	5.0	2.679	93.7
283	10/26/2012 7:16:33	12.28	43.85	28.24	8.38	8.03	5.6	2.769	93.4
284	10/26/2012 7:31:33	12.26	44.46	28.67	8.35	8.03	6.2	2.851	93.3
285	10/26/2012 7:46:33	12.21	44.66	28.82	8.31	8.03	6.7	2.931	92.9
286	10/26/2012 8:01:33	12.18	44.55	28.74	8.32	8.03	6.7	3.018	92.8
287	10/26/2012 8:16:33	12.15	44.34	28.59	8.33	8.03	6.6	3.111	92.8
288	10/26/2012 8:31:33	12.07	44.28	28.54	8.36	8.03	7.5	3.202	93.0
289	10/26/2012 8:46:33	11.97	44.33	28.57	8.41	8.03	7.6	3.287	93.3
290	10/26/2012 9:01:33	11.89	44.38	28.60	8.48	8.04	7.2	3.366	93.9
291	10/26/2012 9:16:33	11.72	44.46	28.65	8.59	8.05	6.2	3.446	94.9
292	10/26/2012 9:31:33	11.66	46.15	29.86	8.56	8.05	5.6	3.519	95.2
293	10/26/2012 9:46:33	11.60	45.38	29.31	8.63	8.06	4.7	3.586	95.5
294	10/26/2012 10:01:33	11.59	45.93	29.70	8.63	8.06	4.2	3.636	95.6
295	10/26/2012 10:16:33	11.56	45.52	29.40	8.60	8.07	3.2	3.666	95.2
296	10/26/2012 10:31:33	11.59	45.91	29.68	8.51	8.07	2.9	3.698	94.4
297	10/26/2012 10:46:33	11.63	46.55	30.15	8.46	8.06	3.9	3.688	94.1
298	10/26/2012 11:01:33	11.58	45.69	29.52	8.57	8.06	3.6	3.651	94.9
299	10/26/2012 11:16:33	11.62	45.09	29.10	8.57	8.06	3.9	3.606	94.7
300	10/26/2012 11:31:33	11.96	44.62	28.78	8.53	8.05	5.0	3.534	94.7
301	10/26/2012 11:46:33	11.94	44.59	28.75	8.70	8.06	4.8	3.441	96.6
302	10/26/2012 12:01:33	11.91	44.83	28.93	8.89	8.08	4.2	3.346	98.8
303	10/26/2012 12:16:33	11.94	44.78	28.89	8.91	8.08	4.6	3.236	99.0
304	10/26/2012 12:31:33	12.14	44.80	28.91	8.67	8.06	5.4	3.135	96.8
305	10/26/2012 12:46:33	12.21	44.70	28.84	8.58	8.05	5.0	3.027	95.8
306	10/26/2012 13:01:33	12.23	44.92	29.00	8.58	8.06	5.4	2.917	96.0
307	10/26/2012 13:16:33	12.31	44.31	28.57	8.66	8.06	5.0	2.814	96.8
308	10/26/2012 13:31:33	12.33	44.53	28.72	8.67	8.06	4.9	2.702	97.1
309	10/26/2012 13:46:33	12.36	44.60	28.78	8.82	8.07	5.0	2.593	98.8
310	10/26/2012 14:01:33	12.40	44.61	28.79	9.17	8.10	4.7	2.482	102.9
311	10/26/2012 14:16:33	12.43	44.76	28.90	9.28	8.11	5.6	2.360	104.2
312	10/26/2012 14:31:33	12.48	44.47	28.69	9.33	8.11	4.9	2.250	104.8
313	10/26/2012 14:46:33	12.55	44.59	28.78	9.52	8.13	4.5	2.148	107.0
314	10/26/2012 15:01:33	12.65	44.53	28.74	9.71	8.14	4.2	2.027	109.4
315	10/26/2012 15:16:33	12.70	44.62	28.80	9.74	8.14	4.8	1.937	109.9
316	10/26/2012 15:31:33	12.71	44.47	28.70	9.50	8.13	4.1	1.839	107.2
317	10/26/2012 15:46:33	12.69	44.36	28.62	9.46	8.13	4.0	1.759	106.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	10/26/2012 16:01:33	12.73	44.39	28.64	9.45	8.13	4.2	1.704	106.6
319	10/26/2012 16:16:33	12.75	44.41	28.65	9.50	8.14	4.5	1.664	107.2
320	10/26/2012 16:31:33	12.78	44.37	28.63	9.48	8.14	4.0	1.632	107.0
321	10/26/2012 16:46:33	12.90	44.67	28.85	9.69	8.15	4.8	1.636	109.8
322	10/26/2012 17:01:33	12.79	45.02	29.09	9.59	8.15	3.5	1.667	108.6
323	10/26/2012 17:16:33	12.75	44.58	28.78	9.55	8.15	3.4	1.703	107.9
324	10/26/2012 17:31:33	12.74	44.49	28.72	9.57	8.15	3.3	1.755	108.0
325	10/26/2012 17:46:33	12.74	44.39	28.64	9.55	8.15	3.4	1.833	107.7
326	10/26/2012 18:01:33	12.72	44.40	28.65	9.38	8.13	4.0	1.914	105.8
327	10/26/2012 18:16:33	12.69	44.35	28.61	9.26	8.12	4.5	2.000	104.3
328	10/26/2012 18:31:33	12.67	44.29	28.57	9.15	8.11	4.7	2.076	103.0
329	10/26/2012 18:46:33	12.63	44.38	28.63	9.13	8.11	4.8	2.155	102.8
330	10/26/2012 19:01:33	12.60	44.81	28.94	9.11	8.10	4.5	2.250	102.6
331	10/26/2012 19:16:33	12.57	44.66	28.83	9.03	8.10	4.5	2.318	101.7
332	10/26/2012 19:31:33	12.54	44.45	28.67	8.95	8.09	4.5	2.395	100.6
333	10/26/2012 19:46:33	12.47	44.23	28.52	8.66	8.06	5.0	2.485	97.1
334	10/26/2012 20:01:33	12.46	44.20	28.49	8.56	8.05	5.1	2.561	96.0
335	10/26/2012 20:16:33	12.45	44.14	28.45	8.50	8.05	5.1	2.638	95.2
336	10/26/2012 20:31:33	12.44	44.22	28.51	8.45	8.04	5.3	2.714	94.7
337	10/26/2012 20:46:33	12.41	44.16	28.46	8.44	8.04	5.4	2.793	94.5
338	10/26/2012 21:01:33	12.35	44.37	28.61	8.43	8.04	5.3	2.867	94.3
339	10/26/2012 21:16:33	12.32	44.36	28.60	8.43	8.04	5.7	2.946	94.2
340	10/26/2012 21:31:33	12.29	44.46	28.67	8.40	8.04	5.9	3.019	94.0
341	10/26/2012 21:46:33	12.24	44.75	28.88	8.43	8.04	6.3	3.088	94.3
342	10/26/2012 22:01:33	12.16	44.73	28.86	8.47	8.04	5.6	3.160	94.6
343	10/26/2012 22:16:33	12.11	44.71	28.85	8.48	8.04	5.4	3.215	94.5
344	10/26/2012 22:31:33	12.01	44.94	29.00	8.51	8.05	5.0	3.271	94.8
345	10/26/2012 22:46:33	11.93	45.05	29.08	8.48	8.05	4.0	3.307	94.3
346	10/26/2012 23:01:33	11.91	45.37	29.31	8.42	8.05	3.4	3.331	93.8
347	10/26/2012 23:16:33	12.01	45.26	29.24	8.27	8.04	3.1	3.349	92.2
348	10/26/2012 23:31:33	11.89	45.74	29.58	8.40	8.05	3.7	3.334	93.7
349	10/26/2012 23:46:33	11.90	44.99	29.04	8.45	8.05	4.0	3.297	93.9
350	10/27/2012 0:01:33	11.99	45.34	29.30	8.37	8.04	4.3	3.254	93.3
351	10/27/2012 0:16:33	12.14	44.59	28.76	8.32	8.04	4.8	3.190	92.8
352	10/27/2012 0:31:33	12.27	44.51	28.71	8.20	8.03	6.1	3.099	91.7
353	10/27/2012 0:46:33	12.21	44.40	28.63	8.17	8.02	5.6	3.019	91.1
354	10/27/2012 1:01:33	12.23	44.51	28.71	8.19	8.02	5.5	2.920	91.4
355	10/27/2012 1:16:33	12.31	45.31	29.29	8.13	8.02	5.4	2.821	91.3
356	10/27/2012 1:31:33	12.45	44.74	28.88	8.23	8.04	5.7	2.738	92.5
357	10/27/2012 1:46:33	12.54	45.44	29.38	8.20	8.04	5.5	2.635	92.6
358	10/27/2012 2:01:33	12.59	45.24	29.25	8.24	8.04	5.4	2.550	93.0
359	10/27/2012 2:16:33	12.53	45.02	29.09	8.14	8.03	5.2	2.473	91.7
360	10/27/2012 2:31:33	12.52	45.07	29.12	8.15	8.03	5.1	2.369	91.9
361	10/27/2012 2:46:33	12.52	44.89	28.99	8.24	8.04	5.3	2.292	92.8
362	10/27/2012 3:01:33	12.51	44.83	28.94	8.23	8.04	5.1	2.217	92.6
363	10/27/2012 3:16:33	12.51	44.85	28.96	8.27	8.04	4.9	2.125	93.0
364	10/27/2012 3:31:33	12.51	44.68	28.84	8.21	8.03	4.7	2.062	92.3
365	10/27/2012 3:46:33	12.57	44.85	28.96	8.33	8.05	4.4	2.012	93.9
366	10/27/2012 4:01:33	12.58	44.83	28.95	8.31	8.05	4.2	1.961	93.6
367	10/27/2012 4:16:33	12.71	44.99	29.07	8.58	8.09	3.7	1.942	97.0
368	10/27/2012 4:31:33	12.77	45.06	29.12	8.70	8.11	3.4	1.933	98.6
369	10/27/2012 4:46:33	12.77	45.02	29.09	8.64	8.10	3.3	1.936	97.8
370	10/27/2012 5:01:33	12.75	44.81	28.94	8.79	8.10	3.3	1.976	99.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	10/27/2012 5:16:33	12.70	44.48	28.70	8.71	8.09	3.8	2.016	98.3
372	10/27/2012 5:31:33	12.70	44.43	28.67	8.72	8.09	3.7	2.063	98.3
373	10/27/2012 5:46:33	12.68	44.46	28.69	8.68	8.08	4.2	2.152	97.8
374	10/27/2012 6:01:33	12.68	44.72	28.87	8.51	8.07	6.1	2.228	96.0
375	10/27/2012 6:16:33	12.67	44.51	28.72	8.49	8.06	4.9	2.286	95.7
376	10/27/2012 6:31:33	12.63	44.47	28.69	8.46	8.06	4.9	2.375	95.3
377	10/27/2012 6:46:33	12.59	44.54	28.74	8.42	8.05	4.8	2.451	94.8
378	10/27/2012 7:01:33	12.55	44.64	28.81	8.35	8.04	5.1	2.526	94.0
379	10/27/2012 7:16:33	12.50	46.58	30.20	8.22	8.04	5.1	2.602	93.2
380	10/27/2012 7:31:33	12.41	45.01	29.07	8.28	8.03	5.1	2.680	93.0
381	10/27/2012 7:46:33	12.39	44.91	29.00	8.28	8.03	5.4	2.768	92.9
382	10/27/2012 8:01:33	12.37	45.45	29.38	8.27	8.03	5.7	2.847	93.0
383	10/27/2012 8:16:33	12.31	44.83	28.94	8.27	8.03	5.9	2.930	92.7
384	10/27/2012 8:31:33	12.24	44.91	29.00	8.25	8.03	6.0	3.021	92.4
385	10/27/2012 8:46:33	12.19	45.10	29.13	8.25	8.03	6.2	3.111	92.3
386	10/27/2012 9:01:33	12.12	45.20	29.20	8.26	8.03	6.7	3.194	92.4
387	10/27/2012 9:16:33	11.99	45.39	29.33	8.29	8.03	6.8	3.284	92.5
388	10/27/2012 9:31:33	11.89	45.33	29.28	8.33	8.04	6.4	3.368	92.7
389	10/27/2012 9:46:33	11.76	45.47	29.37	8.39	8.04	5.8	3.452	93.1
390	10/27/2012 10:01:33	11.69	46.47	30.09	8.37	8.04	5.4	3.525	93.3
391	10/27/2012 10:16:33	11.64	45.19	29.17	8.42	8.05	4.4	3.586	93.2
392	10/27/2012 10:31:33	11.60	45.11	29.11	8.43	8.05	3.9	3.644	93.2
393	10/27/2012 10:46:33	11.60	45.33	29.27	8.42	8.05	3.6	3.694	93.1
394	10/27/2012 11:01:33	11.59	45.38	29.31	8.34	8.05	2.6	3.714	92.2
395	10/27/2012 11:16:33	11.67	45.71	29.55	8.32	8.04	3.6	3.716	92.2
396	10/27/2012 11:31:33	11.61	45.69	29.53	8.35	8.05	3.2	3.707	92.5
397	10/27/2012 11:46:33	11.67	45.60	29.47	8.34	8.05	3.9	3.665	92.5
398	10/27/2012 12:01:33	11.70	44.96	29.01	8.42	8.05	4.2	3.591	93.1
399	10/27/2012 12:16:33	12.14	44.74	28.87	8.82	8.08	5.1	3.510	98.4
400	10/27/2012 12:31:33	12.16	44.70	28.84	9.05	8.09	4.7	3.422	101.0
401	10/27/2012 12:46:33	12.24	44.70	28.85	8.88	8.08	5.1	3.310	99.3
402	10/27/2012 13:01:33	12.33	44.51	28.71	8.68	8.07	6.5	3.196	97.2
403	10/27/2012 13:16:33	12.36	44.57	28.76	8.65	8.06	7.3	3.074	96.9
404	10/27/2012 13:31:33	12.55	44.77	28.91	8.71	8.07	6.1	2.967	98.1
405	10/27/2012 13:46:33	12.69	44.52	28.73	8.78	8.07	6.1	2.845	99.0
406	10/27/2012 14:01:33	12.80	44.56	28.77	8.93	8.08	5.8	2.724	101.0
407	10/27/2012 14:16:33	12.88	44.59	28.79	9.03	8.10	5.3	2.614	102.3
408	10/27/2012 14:31:33	12.94	44.70	28.87	9.56	8.13	4.7	2.481	108.4
409	10/27/2012 14:46:33	13.01	44.59	28.80	9.63	8.13	5.0	2.363	109.4
410	10/27/2012 15:01:33	13.12	44.46	28.70	9.71	8.14	5.0	2.246	110.4
411	10/27/2012 15:16:33	13.25	44.37	28.64	9.92	8.15	4.7	2.117	113.1
412	10/27/2012 15:31:33	13.38	44.45	28.70	10.02	8.16	5.3	1.991	114.7
413	10/27/2012 15:46:33	13.39	44.37	28.65	9.90	8.15	5.0	1.884	113.3
414	10/27/2012 16:01:33	13.44	44.53	28.76	9.80	8.16	4.7	1.778	112.3
415	10/27/2012 16:16:33	13.51	44.35	28.64	9.86	8.16	4.3	1.673	113.0
416	10/27/2012 16:31:33	13.54	44.44	28.70	9.85	8.16	4.0	1.585	113.1
417	10/27/2012 16:46:33	13.60	44.46	28.72	9.90	8.17	3.9	1.538	113.8
418	10/27/2012 17:01:33	13.65	44.57	28.80	9.93	8.17	4.0	1.479	114.3
419	10/27/2012 17:16:33	13.66	44.66	28.86	9.96	8.18	3.7	1.461	114.7
420	10/27/2012 17:31:33	13.80	44.83	28.99	10.10	8.18	4.0	1.481	116.8
421	10/27/2012 17:46:33	13.78	44.74	28.93	10.18	8.19	3.4	1.509	117.5
422	10/27/2012 18:01:33	13.72	44.70	28.89	10.07	8.18	3.4	1.550	116.1
423	10/27/2012 18:16:32	13.77	44.39	28.67	10.12	8.19	3.7	1.623	116.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	10/27/2012 18:31:33	13.76	44.09	28.46	10.09	8.18	3.6	1.713	116.2
425	10/27/2012 18:46:33	13.81	43.62	28.12	9.72	8.15	5.2	1.795	111.8
426	10/27/2012 19:01:33	13.75	44.26	28.58	9.65	8.15	4.8	1.877	111.1
427	10/27/2012 19:16:33	13.77	43.73	28.20	9.52	8.13	5.1	1.976	109.4
428	10/27/2012 19:31:33	13.71	43.61	28.11	9.46	8.13	4.8	2.065	108.6
429	10/27/2012 19:46:33	13.54	43.81	28.25	9.51	8.13	4.8	2.139	108.9
430	10/27/2012 20:01:33	13.46	43.91	28.32	9.45	8.13	4.4	2.234	108.0
431	10/27/2012 20:16:33	13.33	44.04	28.41	9.25	8.11	4.7	2.317	105.5
432	10/27/2012 20:31:33	13.17	44.06	28.42	8.92	8.08	5.0	2.393	101.4
433	10/27/2012 20:46:33	13.13	44.08	28.43	8.83	8.07	5.3	2.481	100.3
434	10/27/2012 21:01:33	13.11	44.19	28.51	8.76	8.07	5.4	2.569	99.5
435	10/27/2012 21:16:33	13.04	44.66	28.84	8.71	8.06	5.5	2.651	99.0
436	10/27/2012 21:31:33	12.93	44.41	28.66	8.67	8.06	5.6	2.731	98.3
437	10/27/2012 21:46:33	12.86	44.78	28.92	8.62	8.06	5.6	2.815	97.6
438	10/27/2012 22:01:33	12.82	44.65	28.83	8.59	8.05	5.9	2.895	97.2
439	10/27/2012 22:16:33	12.74	44.52	28.73	8.57	8.05	6.4	2.970	96.8
440	10/27/2012 22:31:33	12.66	44.48	28.70	8.56	8.05	6.4	3.047	96.5
441	10/27/2012 22:46:33	12.59	44.49	28.71	8.55	8.05	5.7	3.114	96.3
442	10/27/2012 23:01:33	12.42	44.60	28.78	8.56	8.05	6.2	3.184	96.0
443	10/27/2012 23:16:33	12.29	44.78	28.90	8.55	8.05	5.6	3.235	95.7
444	10/27/2012 23:31:33	12.28	44.94	29.02	8.47	8.05	3.9	3.262	94.9
445	10/27/2012 23:46:33	12.23	45.04	29.09	8.46	8.05	3.7	3.314	94.7
446	10/28/2012 0:01:33	12.19	45.13	29.15	8.49	8.05	3.8	3.372	95.0
447	10/28/2012 0:16:33	12.22	45.09	29.12	8.44	8.05	4.5	3.267	94.5
448	10/28/2012 0:31:33	12.24	45.02	29.07	8.41	8.05	3.6	3.351	94.2
449	10/28/2012 0:46:33	12.26	45.07	29.11	8.39	8.04	3.8	3.259	94.0
450	10/28/2012 1:01:33	12.37	44.77	28.90	8.40	8.04	5.6	3.167	94.1
451	10/28/2012 1:16:33	12.54	44.77	28.91	8.32	8.04	5.0	3.161	93.7
452	10/28/2012 1:31:33	12.63	44.70	28.86	8.27	8.03	5.9	3.010	93.2
453	10/28/2012 1:46:33	12.59	44.64	28.81	8.25	8.03	6.3	2.948	92.8
454	10/28/2012 2:01:33	12.62	44.56	28.76	8.27	8.03	5.4	2.864	93.2
455	10/28/2012 2:16:33	12.86	44.56	28.77	8.31	8.04	6.4	2.727	94.1
456	10/28/2012 2:31:33	12.97	44.65	28.83	8.36	8.04	5.9	2.703	94.9
457	10/28/2012 2:46:33	13.04	45.26	29.27	8.27	8.04	5.9	2.589	94.2
458	10/28/2012 3:01:33	13.12	45.12	29.17	8.36	8.05	6.4	2.498	95.4
459	10/28/2012 3:16:33	13.08	44.41	28.66	8.32	8.04	5.9	2.434	94.6
460	10/28/2012 3:31:33	13.02	44.27	28.57	8.20	8.03	6.2	2.345	93.0
461	10/28/2012 3:46:33	12.98	44.17	28.49	8.31	8.03	5.8	2.253	94.1
462	10/28/2012 4:01:33	13.11	44.19	28.51	8.41	8.04	5.7	2.175	95.5
463	10/28/2012 4:16:33	13.13	44.03	28.39	8.42	8.04	4.9	2.139	95.6
464	10/28/2012 4:31:33	13.25	44.00	28.38	8.57	8.07	4.6	2.062	97.6
465	10/28/2012 4:46:33	13.32	44.19	28.51	8.53	8.06	4.7	1.990	97.3
466	10/28/2012 5:01:33	13.62	44.15	28.49	8.74	8.10	3.4	2.065	100.3
467	10/28/2012 5:16:33	13.61	44.03	28.41	8.65	8.09	3.4	1.959	99.3
468	10/28/2012 5:31:33	13.68	44.32	28.62	8.78	8.10	4.0	2.032	101.0
469	10/28/2012 5:46:33	13.56	44.48	28.73	8.75	8.09	3.9	2.059	100.5
470	10/28/2012 6:01:33	13.52	44.21	28.53	8.76	8.09	4.0	2.037	100.3
471	10/28/2012 6:16:33	13.51	44.37	28.65	8.77	8.09	4.0	2.170	100.5
472	10/28/2012 6:31:33	13.45	43.90	28.31	8.76	8.08	4.8	2.203	100.1
473	10/28/2012 6:46:33	13.49	43.79	28.23	8.56	8.06	6.4	2.283	97.8
474	10/28/2012 7:01:33	13.47	44.20	28.52	8.50	8.06	5.6	2.359	97.4
475	10/28/2012 7:16:33	13.30	44.53	28.76	8.53	8.06	5.2	2.437	97.4
476	10/28/2012 7:31:33	13.20	44.27	28.57	8.48	8.05	5.3	2.525	96.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	10/28/2012 7:46:33	13.11	44.58	28.79	8.42	8.04	5.4	2.593	95.9
478	10/28/2012 8:01:33	12.98	45.26	29.28	8.39	8.04	5.4	2.680	95.5
479	10/28/2012 8:16:33	12.91	44.67	28.85	8.42	8.04	5.2	2.755	95.5
480	10/28/2012 8:31:33	12.86	44.70	28.87	8.42	8.04	5.4	2.850	95.4
481	10/28/2012 8:46:33	12.76	44.92	29.02	8.40	8.04	5.7	2.925	95.0
482	10/28/2012 9:01:33	12.67	44.99	29.07	8.37	8.03	5.8	3.006	94.6
483	10/28/2012 9:16:33	12.56	45.09	29.14	8.37	8.04	6.1	3.111	94.4
484	10/28/2012 9:31:33	12.50	45.04	29.10	8.38	8.04	6.7	3.185	94.3
485	10/28/2012 9:46:33	12.39	45.07	29.11	8.40	8.04	6.8	3.271	94.4
486	10/28/2012 10:01:33	12.26	46.25	29.96	8.44	8.04	7.0	3.370	95.0
487	10/28/2012 10:16:33	12.17	45.27	29.25	8.55	8.05	6.6	3.438	95.7
488	10/28/2012 10:31:33	12.09	46.37	30.03	8.60	8.06	5.4	3.516	96.5
489	10/28/2012 10:46:33	12.02	45.37	29.31	8.70	8.06	5.4	3.592	97.1
490	10/28/2012 11:01:33	11.98	45.35	29.30	8.73	8.07	4.1	3.640	97.3
491	10/28/2012 11:16:33	11.94	45.34	29.29	8.75	8.07	4.0	3.702	97.5
492	10/28/2012 11:31:33	11.97	45.54	29.44	8.68	8.07	2.9	3.709	96.8
493	10/28/2012 11:46:33	12.06	46.55	30.17	8.58	8.06	3.7	3.718	96.3
494	10/28/2012 12:01:33	11.98	45.32	29.28	8.69	8.06	3.4	3.727	96.8
495	10/28/2012 12:16:33	12.00	45.08	29.11	8.66	8.06	4.5	3.677	96.5
496	10/28/2012 12:31:33	12.04	45.21	29.20	8.72	8.07	4.7	3.592	97.3
497	10/28/2012 12:46:33	12.69	44.69	28.86	9.32	8.11	5.3	3.516	105.1
498	10/28/2012 13:01:33	12.73	44.82	28.95	9.47	8.12	4.7	3.429	107.0
499	10/28/2012 13:16:33	12.83	45.71	29.59	9.18	8.10	4.7	3.316	104.4
500	10/28/2012 13:31:33	12.89	45.24	29.25	8.92	8.08	7.1	3.187	101.3
501	10/28/2012 13:46:33	12.92	45.15	29.19	8.94	8.08	6.4	3.093	101.6
502	10/28/2012 14:01:33	13.06	45.18	29.22	9.05	8.09	5.3	2.961	103.2
503	10/28/2012 14:16:33	13.32	44.90	29.03	9.16	8.10	5.5	2.862	104.9
504	10/28/2012 14:31:33	13.50	45.13	29.20	9.22	8.11	5.9	2.727	106.1
505	10/28/2012 14:46:33	13.46	45.20	29.24	9.30	8.11	5.5	2.606	106.9
506	10/28/2012 15:01:33	13.51	44.72	28.90	9.63	8.14	5.6	2.496	110.6
507	10/28/2012 15:16:33	13.52	44.66	28.86	9.89	8.15	4.8	2.367	113.5
508	10/28/2012 15:31:33	13.61	44.84	28.99	9.87	8.15	5.0	2.234	113.6
509	10/28/2012 15:46:33	13.77	44.70	28.90	10.09	8.16	5.0	2.099	116.5
510	10/28/2012 16:01:33	13.88	44.49	28.74	10.01	8.16	5.3	2.003	115.8
511	10/28/2012 16:16:33	13.96	44.51	28.76	10.00	8.17	4.8	1.848	115.8
512	10/28/2012 16:31:33	14.10	44.47	28.74	10.21	8.17	4.8	1.725	118.5
513	10/28/2012 16:46:33	14.13	44.81	28.98	10.05	8.17	4.6	1.627	117.0
514	10/28/2012 17:01:33	14.17	44.48	28.75	10.02	8.17	4.4	1.508	116.5
515	10/28/2012 17:16:33	14.26	44.45	28.73	10.08	8.18	4.2	1.444	117.4
516	10/28/2012 17:31:33	14.32	44.26	28.59	10.09	8.18	4.2	1.382	117.6
517	10/28/2012 17:46:33	14.50	43.98	28.39	10.20	8.19	4.0	1.338	119.2
518	10/28/2012 18:01:33	14.67	44.22	28.57	10.29	8.21	3.9	1.347	120.8
519	10/28/2012 18:16:33	14.64	44.10	28.48	10.31	8.20	4.2	1.355	120.9
520	10/28/2012 18:31:33	14.69	44.71	28.92	10.45	8.21	3.8	1.401	122.9
521	10/28/2012 18:46:33	14.66	45.16	29.24	10.38	8.21	4.0	1.456	122.3
522	10/28/2012 19:01:33	14.68	45.02	29.15	10.38	8.21	4.1	1.558	122.3
523	10/28/2012 19:16:33	14.76	44.75	28.95	10.00	8.18	5.6	1.631	117.9
524	10/28/2012 19:31:33	14.67	44.86	29.03	9.94	8.17	5.2	1.730	117.0
525	10/28/2012 19:46:33	14.72	44.66	28.89	9.71	8.15	5.4	1.820	114.3
526	10/28/2012 20:01:32	14.70	44.79	28.98	9.65	8.14	5.0	1.897	113.6
527	10/28/2012 20:16:33	14.52	44.84	29.01	9.77	8.15	5.4	1.995	114.6
528	10/28/2012 20:31:33	14.34	44.65	28.87	9.75	8.15	4.8	2.079	113.9
529	10/28/2012 20:46:33	14.26	44.42	28.71	9.67	8.14	4.9	2.168	112.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
530	10/28/2012 21:01:33	14.13	44.57	28.81	9.44	8.12	5.1	2.254	109.7
531	10/28/2012 21:16:33	13.98	44.57	28.81	9.16	8.10	5.3	2.343	106.2
532	10/28/2012 21:31:33	13.94	44.78	28.95	9.07	8.09	5.4	2.449	105.1
533	10/28/2012 21:46:33	13.86	44.32	28.63	9.03	8.09	5.9	2.531	104.2
534	10/28/2012 22:01:33	13.73	44.38	28.66	8.95	8.08	5.8	2.622	103.1
535	10/28/2012 22:16:33	13.61	44.42	28.69	8.89	8.07	5.7	2.703	102.2
536	10/28/2012 22:31:33	13.54	44.54	28.77	8.84	8.07	5.8	2.792	101.5
537	10/28/2012 22:46:33	13.46	44.80	28.96	8.79	8.07	6.7	2.872	100.9
538	10/28/2012 23:01:33	13.34	44.77	28.93	8.77	8.06	6.5	2.944	100.4
539	10/28/2012 23:16:33	13.23	44.81	28.95	8.75	8.06	6.7	3.028	100.0
540	10/28/2012 23:31:33	13.00	45.01	29.09	8.76	8.06	6.1	3.089	99.7
541	10/28/2012 23:46:33	12.85	44.96	29.05	8.77	8.06	5.7	3.171	99.5
542	10/29/2012 0:01:33	12.77	44.97	29.06	8.78	8.06	5.5	3.214	99.4
543	10/29/2012 0:16:33	12.73	45.07	29.13	8.78	8.07	5.1	3.268	99.3
544	10/29/2012 0:31:33	12.71	45.14	29.17	8.74	8.07	3.9	3.310	98.9
545	10/29/2012 0:46:33	12.70	45.18	29.21	8.67	8.06	3.4	3.326	98.1
546	10/29/2012 1:01:33	12.76	45.21	29.23	8.62	8.06	3.9	3.321	97.7
547	10/29/2012 1:16:33	12.74	45.30	29.29	8.68	8.06	4.4	3.289	98.3
548	10/29/2012 1:31:33	12.78	45.39	29.36	8.64	8.06	4.3	3.254	98.0
549	10/29/2012 1:46:33	12.99	45.14	29.18	8.53	8.05	4.8	3.190	97.1
550	10/29/2012 2:01:33	13.29	44.79	28.95	8.37	8.04	5.4	3.109	95.7
551	10/29/2012 2:16:33	13.13	45.90	29.73	8.34	8.04	5.8	3.012	95.5
552	10/29/2012 2:31:33	13.11	44.90	29.02	8.46	8.04	5.6	2.927	96.4
553	10/29/2012 2:46:33	13.33	44.75	28.92	8.44	8.05	5.3	2.854	96.5
554	10/29/2012 3:01:33	13.57	44.77	28.94	8.50	8.06	5.6	2.762	97.8
555	10/29/2012 3:16:33	13.71	44.49	28.74	8.51	8.06	6.9	2.668	98.1
556	10/29/2012 3:31:33	13.81	44.49	28.74	8.48	8.06	5.7	2.600	97.9
557	10/29/2012 3:46:33	13.79	44.32	28.62	8.44	8.05	5.8	2.511	97.3
558	10/29/2012 4:01:33	13.72	44.42	28.69	8.36	8.04	5.6	2.439	96.3
559	10/29/2012 4:16:33	13.70	44.67	28.87	8.39	8.04	5.6	2.336	96.7
560	10/29/2012 4:31:32	13.79	44.67	28.87	8.52	8.06	5.3	2.294	98.4
561	10/29/2012 4:46:33	13.84	44.61	28.83	8.54	8.06	5.1	2.230	98.8
562	10/29/2012 5:01:33	13.97	44.51	28.76	8.60	8.07	4.7	2.151	99.7
563	10/29/2012 5:16:33	14.11	44.38	28.67	8.69	8.08	4.2	2.126	100.9
564	10/29/2012 5:31:33	14.24	44.48	28.75	8.64	8.08	4.0	2.087	100.7
565	10/29/2012 5:46:33	14.33	44.82	28.99	8.56	8.08	3.7	2.085	100.0
566	10/29/2012 6:01:33	14.39	44.60	28.84	8.57	8.08	4.0	2.078	100.1
567	10/29/2012 6:16:33	14.31	44.04	28.43	8.67	8.08	4.1	2.087	100.9
568	10/29/2012 6:31:33	14.27	44.14	28.50	8.62	8.07	4.2	2.133	100.3
569	10/29/2012 6:46:33	14.25	44.52	28.78	8.74	8.08	4.0	2.187	101.8
570	10/29/2012 7:01:33	14.21	44.24	28.58	8.79	8.08	4.4	2.248	102.2
571	10/29/2012 7:16:33	14.21	44.78	28.96	8.58	8.07	5.7	2.308	100.0
572	10/29/2012 7:31:33	14.22	44.16	28.52	8.52	8.06	5.9	2.399	99.1
573	10/29/2012 7:46:33	14.04	44.09	28.46	8.60	8.06	5.6	2.467	99.6
574	10/29/2012 8:01:33	13.94	43.99	28.39	8.59	8.06	5.1	2.546	99.2
575	10/29/2012 8:16:33	13.82	44.19	28.53	8.54	8.05	5.6	2.628	98.5
576	10/29/2012 8:31:33	13.66	44.30	28.60	8.54	8.05	5.0	2.704	98.2
577	10/29/2012 8:46:33	13.53	44.48	28.73	8.58	8.05	5.0	2.781	98.4
578	10/29/2012 9:01:33	13.46	45.25	29.28	8.55	8.05	5.1	2.862	98.4
579	10/29/2012 9:16:33	13.41	44.51	28.75	8.61	8.05	5.4	2.944	98.6
580	10/29/2012 9:31:33	13.29	44.79	28.94	8.59	8.05	5.5	3.024	98.3
581	10/29/2012 9:46:33	13.15	45.21	29.24	8.58	8.05	5.6	3.107	98.0
582	10/29/2012 10:01:33	13.06	44.73	28.89	8.59	8.05	5.6	3.189	97.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	10/29/2012 10:16:33	12.95	44.67	28.85	8.61	8.05	6.1	3.278	97.7
584	10/29/2012 10:31:33	12.74	44.87	28.98	8.60	8.05	6.2	3.356	97.2
585	10/29/2012 10:46:33	12.63	44.64	28.81	8.61	8.05	5.3	3.429	97.1
586	10/29/2012 11:01:33	12.50	44.70	28.86	8.63	8.05	5.7	3.516	97.0
587	10/29/2012 11:16:33	12.36	45.33	29.30	8.63	8.05	5.2	3.574	97.0
588	10/29/2012 11:31:33	12.32	45.05	29.10	8.64	8.05	4.4	3.630	96.9
589	10/29/2012 11:46:33	12.28	45.19	29.20	8.62	8.05	3.7	3.678	96.7
590	10/29/2012 12:01:33	12.24	45.52	29.43	8.58	8.06	3.4	3.707	96.3
591	10/29/2012 12:16:33	12.49	45.44	29.38	8.53	8.06	3.4	3.714	96.1
592	10/29/2012 12:31:33	12.30	45.88	29.69	8.50	8.05	3.7	3.691	95.7
593	10/29/2012 12:46:33	12.33	45.52	29.43	8.52	8.05	4.0	3.657	95.7
594	10/29/2012 13:01:33	12.33	45.22	29.22	8.55	8.05	4.0	3.596	96.0
595	10/29/2012 13:16:33	12.90	45.15	29.19	8.92	8.08	5.8	3.512	101.3
596	10/29/2012 13:31:33	13.19	44.81	28.95	9.43	8.12	6.3	3.416	107.7
597	10/29/2012 13:46:33	13.34	44.81	28.96	9.25	8.10	6.1	3.318	105.9
598	10/29/2012 14:01:33	13.43	44.67	28.86	9.03	8.09	7.0	3.197	103.5
599	10/29/2012 14:16:33	13.53	44.86	29.00	9.03	8.09	6.8	3.089	103.8
600	10/29/2012 14:31:33	13.66	44.83	28.98	9.16	8.10	5.9	2.963	105.6
601	10/29/2012 14:46:33	14.00	44.73	28.92	9.30	8.11	5.5	2.856	107.9
602	10/29/2012 15:01:33	14.20	44.70	28.91	9.41	8.12	5.8	2.729	109.7
603	10/29/2012 15:16:33	14.33	44.73	28.93	9.89	8.16	5.6	2.609	115.5
604	10/29/2012 15:31:33	14.14	44.94	29.08	9.92	8.15	4.8	2.482	115.6
605	10/29/2012 15:46:33	14.18	45.01	29.13	9.81	8.15	5.7	2.341	114.4
606	10/29/2012 16:01:33	14.29	45.07	29.17	9.98	8.16	6.2	2.220	116.7
607	10/29/2012 16:16:33	14.47	44.53	28.79	10.08	8.17	6.7	2.080	117.9
608	10/29/2012 16:31:33	14.58	44.32	28.64	10.10	8.17	6.1	1.965	118.3
609	10/29/2012 16:46:33	14.74	44.25	28.60	10.09	8.17	6.1	1.817	118.6
610	10/29/2012 17:01:33	14.83	44.26	28.60	10.11	8.18	7.4	1.689	119.0
611	10/29/2012 17:16:33	14.91	44.43	28.72	10.06	8.18	6.1	1.585	118.7
612	10/29/2012 17:31:33	15.01	44.22	28.58	10.03	8.17	5.4	1.482	118.6
613	10/29/2012 17:46:33	15.14	44.26	28.61	10.10	8.18	5.4	1.377	119.7
614	10/29/2012 18:01:33	15.21	44.15	28.53	10.14	8.19	7.0	1.316	120.3
615	10/29/2012 18:16:32	15.36	44.26	28.61	10.18	8.19	5.8	1.276	121.1
616	10/29/2012 18:31:33	15.38	44.33	28.67	10.11	8.19	4.6	1.267	120.5
617	10/29/2012 18:46:32	15.37	44.30	28.64	10.17	8.19	5.8	1.289	121.1
618	10/29/2012 19:01:33	15.54	44.23	28.60	10.23	8.20	4.2	1.317	122.3
619	10/29/2012 19:16:33	15.41	44.24	28.60	10.21	8.19	4.2	1.388	121.7
620	10/29/2012 19:31:33	15.44	44.21	28.58	10.18	8.19	4.5	1.462	121.4
621	10/29/2012 19:46:33	15.48	43.99	28.42	10.00	8.17	5.3	1.542	119.2
622	10/29/2012 20:01:33	15.49	44.24	28.60	9.87	8.16	5.5	1.615	117.8
623	10/29/2012 20:16:32	15.44	44.03	28.45	9.85	8.16	5.6	1.706	117.4
624	10/29/2012 20:31:33	15.44	43.89	28.35	9.73	8.15	5.4	1.792	115.8
625	10/29/2012 20:46:33	15.36	43.83	28.31	9.72	8.15	6.1	1.882	115.5
626	10/29/2012 21:01:33	15.17	44.10	28.50	9.80	8.15	5.1	1.955	116.1
627	10/29/2012 21:16:33	15.10	44.13	28.52	9.74	8.15	5.1	2.052	115.3
628	10/29/2012 21:31:33	15.00	44.27	28.61	9.62	8.14	5.3	2.166	113.7
629	10/29/2012 21:46:33	14.82	44.33	28.66	9.37	8.11	5.7	2.252	110.4
630	10/29/2012 22:01:33	14.72	44.25	28.60	9.26	8.11	5.7	2.340	108.8
631	10/29/2012 22:16:32	14.66	44.30	28.63	9.21	8.10	6.1	2.443	108.1
632	10/29/2012 22:31:33	14.54	44.26	28.60	9.16	8.10	6.2	2.543	107.2
633	10/29/2012 22:46:33	14.42	44.30	28.63	9.08	8.09	6.5	2.618	106.1
634	10/29/2012 23:01:33	14.30	44.46	28.73	9.01	8.08	6.3	2.710	105.1
635	10/29/2012 23:16:33	14.21	44.41	28.70	8.97	8.08	6.5	2.796	104.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	10/29/2012 23:31:33	14.03	44.35	28.65	8.91	8.07	7.5	2.871	103.3
637	10/29/2012 23:46:33	13.85	44.70	28.90	8.86	8.07	7.3	2.951	102.5
638	10/30/2012 0:01:33	13.65	44.61	28.82	8.83	8.07	6.7	3.018	101.7
639	10/30/2012 0:16:33	13.40	45.46	29.43	8.77	8.06	6.5	3.091	100.8
640	10/30/2012 0:31:33	13.23	45.08	29.15	8.77	8.06	6.0	3.153	100.3
641	10/30/2012 0:46:33	13.14	44.70	28.88	8.78	8.06	5.4	3.212	100.0
642	10/30/2012 1:01:33	13.08	45.16	29.20	8.75	8.06	5.1	3.260	99.8
643	10/30/2012 1:16:33	13.07	45.10	29.16	8.72	8.06	4.3	3.293	99.4
644	10/30/2012 1:31:33	13.24	45.20	29.24	8.59	8.06	4.2	3.309	98.3
645	10/30/2012 1:46:33	13.25	45.46	29.42	8.47	8.06	3.7	3.311	97.1
646	10/30/2012 2:01:33	13.09	45.60	29.52	8.61	8.06	4.2	3.286	98.4
647	10/30/2012 2:16:33	13.12	45.47	29.42	8.61	8.06	4.7	3.244	98.5
648	10/30/2012 2:31:33	13.53	44.97	29.08	8.52	8.05	6.1	3.190	98.0
649	10/30/2012 2:46:33	13.57	45.34	29.35	8.50	8.05	6.5	3.109	98.1
650	10/30/2012 3:01:33	13.53	44.90	29.03	8.47	8.04	6.5	3.029	97.4
651	10/30/2012 3:16:33	13.54	44.94	29.06	8.48	8.05	6.1	2.938	97.5
652	10/30/2012 3:31:33	13.65	44.91	29.04	8.47	8.05	5.4	2.860	97.7
653	10/30/2012 3:46:33	14.05	44.79	28.97	8.48	8.05	5.6	2.753	98.6
654	10/30/2012 4:01:33	14.21	44.71	28.91	8.51	8.06	5.9	2.688	99.1
655	10/30/2012 4:16:33	14.32	44.79	28.97	8.52	8.06	5.6	2.624	99.6
656	10/30/2012 4:31:33	14.36	44.90	29.05	8.61	8.07	5.6	2.525	100.7
657	10/30/2012 4:46:33	14.33	45.15	29.23	8.36	8.05	5.6	2.469	97.9
658	10/30/2012 5:01:33	14.27	44.61	28.84	8.35	8.05	5.6	2.409	97.4
659	10/30/2012 5:16:33	14.29	44.47	28.75	8.42	8.05	5.5	2.336	98.2
660	10/30/2012 5:31:33	14.43	44.46	28.74	8.56	8.07	5.1	2.291	100.1
661	10/30/2012 5:46:33	14.56	44.78	28.97	8.60	8.07	4.8	2.245	101.0
662	10/30/2012 6:01:33	14.67	44.61	28.85	8.59	8.07	4.5	2.217	101.0
663	10/30/2012 6:16:33	14.79	44.98	29.12	8.51	8.08	4.0	2.190	100.4
664	10/30/2012 6:31:33	14.92	45.04	29.16	8.33	8.07	3.6	2.180	98.7
665	10/30/2012 6:46:33	14.88	44.67	28.90	8.52	8.07	4.4	2.215	100.7
666	10/30/2012 7:01:33	14.78	44.70	28.92	8.58	8.07	4.5	2.233	101.1
667	10/30/2012 7:16:33	14.75	44.84	29.02	8.62	8.07	4.6	2.274	101.7
668	10/30/2012 7:31:33	14.68	44.31	28.63	8.74	8.08	4.6	2.324	102.7
669	10/30/2012 7:46:33	14.62	44.41	28.71	8.69	8.07	5.4	2.385	102.0
670	10/30/2012 8:01:33	14.61	44.89	29.05	8.48	8.06	6.7	2.461	99.7
671	10/30/2012 8:16:33	14.49	44.68	28.90	8.55	8.06	5.6	2.541	100.2
672	10/30/2012 8:31:33	14.39	44.65	28.88	8.56	8.06	5.4	2.612	100.0
673	10/30/2012 8:46:33	14.25	44.66	28.87	8.55	8.06	5.1	2.689	99.7
674	10/30/2012 9:01:33	14.02	44.74	28.93	8.57	8.05	5.3	2.767	99.4
675	10/30/2012 9:16:33	13.88	44.80	28.97	8.61	8.05	5.1	2.837	99.7
676	10/30/2012 9:31:33	13.80	44.86	29.01	8.63	8.05	5.0	2.918	99.8
677	10/30/2012 9:46:33	13.71	45.64	29.57	8.62	8.06	5.3	2.995	99.9
678	10/30/2012 10:01:33	13.57	44.87	29.01	8.66	8.05	5.9	3.084	99.6
679	10/30/2012 10:16:33	13.41	45.13	29.19	8.67	8.05	5.9	3.162	99.6
680	10/30/2012 10:31:33	13.28	45.15	29.20	8.69	8.06	5.6	3.248	99.5
681	10/30/2012 10:46:33	13.14	45.35	29.34	8.73	8.06	6.0	3.339	99.7
682	10/30/2012 11:01:33	12.90	45.22	29.24	8.83	8.06	6.6	3.410	100.3
683	10/30/2012 11:16:33	12.78	45.23	29.24	8.90	8.07	5.8	3.500	100.9
684	10/30/2012 11:31:33	12.65	45.27	29.27	9.00	8.07	5.7	3.565	101.8
685	10/30/2012 11:46:33	12.54	45.46	29.40	9.05	8.08	4.4	3.626	102.2
686	10/30/2012 12:01:33	12.49	45.43	29.38	9.07	8.08	4.2	3.687	102.2
687	10/30/2012 12:16:33	12.46	45.30	29.28	9.06	8.08	3.9	3.723	102.0
688	10/30/2012 12:31:33	12.46	45.60	29.50	8.98	8.08	3.1	3.736	101.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	10/30/2012 12:46:33	12.61	45.51	29.44	8.96	8.08	3.8	3.737	101.3
690	10/30/2012 13:01:33	12.49	45.41	29.36	8.96	8.07	3.7	3.736	101.1
691	10/30/2012 13:16:33	12.50	45.45	29.39	8.96	8.07	3.7	3.693	101.1
692	10/30/2012 13:31:33	12.54	45.41	29.36	8.99	8.08	4.3	3.616	101.5
693	10/30/2012 13:46:33	13.07	45.40	29.37	9.26	8.10	6.5	3.545	105.8
694	10/30/2012 14:01:33	13.19	44.92	29.03	9.59	8.13	5.0	3.460	109.5
695	10/30/2012 14:16:33	13.13	44.91	29.03	9.53	8.12	4.7	3.359	108.7
696	10/30/2012 14:31:33	13.48	44.83	28.98	9.36	8.11	5.6	3.233	107.5
697	10/30/2012 14:46:33	13.73	44.81	28.97	9.19	8.10	5.8	3.134	106.1
698	10/30/2012 15:01:33	13.81	44.74	28.92	9.14	8.10	5.8	3.013	105.6
699	10/30/2012 15:16:33	14.01	45.02	29.13	9.22	8.10	5.3	2.910	107.1
700	10/30/2012 15:31:33	14.18	44.85	29.01	9.25	8.11	5.0	2.793	107.8
701	10/30/2012 15:46:33	14.33	44.62	28.85	9.28	8.12	5.6	2.657	108.3
702	10/30/2012 16:01:33	14.38	44.54	28.79	9.54	8.14	6.6	2.546	111.5
703	10/30/2012 16:16:33	14.38	44.54	28.80	9.52	8.14	7.5	2.422	111.3
704	10/30/2012 16:31:33	14.49	44.63	28.86	9.50	8.14	9.3	2.300	111.3
705	10/30/2012 16:46:33	14.59	44.58	28.83	9.53	8.14	9.1	2.161	111.9
706	10/30/2012 17:01:33	14.74	44.49	28.77	9.63	8.16	9.7	2.015	113.3
707	10/30/2012 17:16:33	14.82	44.44	28.74	9.60	8.16	11.5	1.923	113.2
708	10/30/2012 17:31:33	14.93	44.42	28.72	9.59	8.17	12.3	1.776	113.2
709	10/30/2012 17:46:33	15.01	44.36	28.67	9.51	8.17	14.7	1.641	112.5
710	10/30/2012 18:01:33	15.20	44.42	28.72	9.47	8.16	25.6	1.546	112.5
711	10/30/2012 18:16:33	15.33	44.30	28.64	9.54	8.16	18.5	1.457	113.5
712	10/30/2012 18:31:33	15.43	44.12	28.52	9.57	8.16	15.9	1.364	114.1
713	10/30/2012 18:46:33	15.56	44.73	28.95	9.55	8.17	12.5	1.313	114.4
714	10/30/2012 19:01:33	15.61	45.15	29.26	9.48	8.16	8.4	1.310	113.9
715	10/30/2012 19:16:33	15.46	43.63	28.16	9.49	8.16	11.2	1.298	112.9
716	10/30/2012 19:31:32	15.64	43.45	28.03	9.61	8.17	7.2	1.328	114.6
717	10/30/2012 19:46:32	15.62	44.54	28.82	9.56	8.16	7.5	1.379	114.5
718	10/30/2012 20:01:33	15.57	43.81	28.29	9.60	8.16	9.2	1.452	114.5
719	10/30/2012 20:16:33	15.51	43.64	28.17	9.58	8.16	8.7	1.513	114.0
720	10/30/2012 20:31:33	15.70	42.66	27.47	9.14	8.11	11.2	1.616	108.8
721	10/30/2012 20:46:33	15.62	43.64	28.17	9.17	8.12	8.6	1.708	109.5
722	10/30/2012 21:01:33	15.57	44.09	28.49	9.07	8.12	10.6	1.781	108.4
723	10/30/2012 21:16:33	15.45	44.43	28.73	9.18	8.13	8.4	1.873	109.5
724	10/30/2012 21:31:33	15.37	44.44	28.74	9.19	8.13	7.3	1.967	109.6
725	10/30/2012 21:46:33	15.30	44.90	29.07	9.17	8.13	7.3	2.052	109.4
726	10/30/2012 22:01:32	15.16	44.93	29.09	9.15	8.12	7.0	2.142	108.8
727	10/30/2012 22:16:33	15.07	44.63	28.87	9.08	8.12	6.8	2.238	107.6
728	10/30/2012 22:31:33	14.96	44.69	28.92	9.02	8.11	7.6	2.333	106.8
729	10/30/2012 22:46:33	14.93	44.71	28.93	9.02	8.10	8.0	2.417	106.7
730	10/30/2012 23:01:33	14.80	43.72	28.22	9.05	8.10	8.6	2.519	106.2
731	10/30/2012 23:16:33	14.65	44.63	28.87	8.95	8.09	8.9	2.602	105.2
732	10/30/2012 23:31:33	14.54	43.62	28.14	8.96	8.09	8.6	2.687	104.6
733	10/30/2012 23:46:33	14.41	43.58	28.11	8.92	8.08	9.4	2.781	103.8
734	10/31/2012 0:01:33	14.24	44.09	28.47	8.86	8.08	9.7	2.861	103.1
735	10/31/2012 0:16:33	14.02	43.70	28.19	8.86	8.08	9.7	2.938	102.4
736	10/31/2012 0:31:33	13.82	44.29	28.60	8.84	8.07	8.6	3.009	102.0
737	10/31/2012 0:46:33	13.57	43.95	28.35	8.87	8.07	7.5	3.088	101.6
738	10/31/2012 1:01:33	13.45	43.96	28.35	8.87	8.07	7.2	3.163	101.4
739	10/31/2012 1:16:33	13.36	44.28	28.58	8.87	8.08	6.1	3.221	101.4
740	10/31/2012 1:31:33	13.31	44.35	28.63	8.88	8.08	5.4	3.281	101.4
741	10/31/2012 1:46:33	13.28	44.47	28.71	8.85	8.08	4.7	3.319	101.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	10/31/2012 2:01:33	13.24	44.57	28.78	8.76	8.08	3.7	3.341	100.0
743	10/31/2012 2:16:33	13.42	44.71	28.89	8.69	8.07	5.0	3.345	99.6
744	10/31/2012 2:31:33	13.26	44.60	28.81	8.76	8.08	4.3	3.341	100.0
745	10/31/2012 2:46:33	13.32	44.53	28.76	8.73	8.07	4.6	3.297	99.8
746	10/31/2012 3:01:33	13.45	44.28	28.58	8.66	8.07	5.5	3.245	99.1
747	10/31/2012 3:16:33	13.60	44.31	28.61	8.58	8.06	6.6	3.190	98.5
748	10/31/2012 3:31:33	13.75	44.26	28.58	8.49	8.06	7.4	3.115	97.8
749	10/31/2012 3:46:33	13.99	44.19	28.54	8.34	8.05	9.5	3.027	96.5
750	10/31/2012 4:01:33	13.81	43.80	28.25	8.44	8.05	7.8	2.948	97.2
751	10/31/2012 4:16:33	13.85	44.02	28.41	8.40	8.05	7.3	2.860	96.8
752	10/31/2012 4:31:33	13.90	44.15	28.50	8.34	8.05	7.5	2.777	96.4
753	10/31/2012 4:46:33	14.04	44.00	28.40	8.33	8.05	7.4	2.719	96.4
754	10/31/2012 5:01:33	14.19	43.73	28.21	8.27	8.05	7.2	2.653	95.9
755	10/31/2012 5:16:33	14.21	43.97	28.38	8.22	8.05	7.6	2.581	95.5
756	10/31/2012 5:31:33	14.29	43.87	28.31	8.23	8.05	8.2	2.525	95.7
757	10/31/2012 5:46:33	14.31	43.95	28.37	8.21	8.05	8.1	2.492	95.5
758	10/31/2012 6:01:33	14.34	43.96	28.38	8.22	8.05	7.6	2.444	95.7
759	10/31/2012 6:16:33	14.40	43.85	28.30	8.32	8.06	7.0	2.406	97.0
760	10/31/2012 6:31:33	14.52	43.40	27.98	8.35	8.06	6.4	2.383	97.3
761	10/31/2012 6:46:33	14.54	43.71	28.21	8.30	8.06	6.7	2.359	97.0
762	10/31/2012 7:01:33	14.56	43.93	28.36	8.20	8.07	4.8	2.346	96.0
763	10/31/2012 7:16:33	14.53	43.58	28.11	8.34	8.06	6.8	2.345	97.4
764	10/31/2012 7:31:33	14.51	43.13	27.79	8.42	8.06	6.2	2.372	98.0
765	10/31/2012 7:46:33	14.45	43.74	28.22	8.38	8.06	6.3	2.386	97.7
766	10/31/2012 8:01:33	14.42	42.86	27.59	8.47	8.06	6.0	2.435	98.3
767	10/31/2012 8:16:33	14.39	43.62	28.14	8.44	8.06	7.0	2.490	98.3
768	10/31/2012 8:31:33	14.35	44.45	28.73	8.42	8.06	7.0	2.533	98.2
769	10/31/2012 8:46:33	14.29	42.91	27.63	8.47	8.06	7.2	2.599	98.1
770	10/31/2012 9:01:33	14.18	43.56	28.09	8.44	8.05	7.7	2.675	97.8
771	10/31/2012 9:16:33	14.05	43.51	28.05	8.45	8.05	6.5	2.739	97.6
772	10/31/2012 9:31:33	13.90	43.60	28.11	8.49	8.05	6.1	2.814	97.8
773	10/31/2012 9:46:33	13.83	43.87	28.30	8.57	8.06	6.1	2.898	98.7
774	10/31/2012 10:01:33	13.80	43.81	28.26	8.59	8.06	6.1	2.981	98.9
775	10/31/2012 10:16:33	13.72	43.91	28.32	8.61	8.06	6.4	3.059	99.0
776	10/31/2012 10:31:33	13.55	44.21	28.53	8.65	8.06	6.3	3.148	99.2
777	10/31/2012 10:46:33	13.34	44.59	28.80	8.67	8.06	6.1	3.236	99.1
778	10/31/2012 11:01:33	13.16	44.46	28.70	8.71	8.06	5.9	3.333	99.2
779	10/31/2012 11:16:33	13.03	44.32	28.60	8.72	8.06	5.8	3.420	99.0
780	10/31/2012 11:31:33	12.88	44.15	28.47	8.75	8.06	6.1	3.489	98.9
781	10/31/2012 11:46:33	12.72	44.60	28.79	8.76	8.07	5.4	3.566	98.9
782	10/31/2012 12:01:33	12.65	44.41	28.65	8.75	8.07	4.3	3.615	98.5
783	10/31/2012 12:16:33	12.59	44.31	28.58	8.79	8.08	3.9	3.671	98.9
784	10/31/2012 12:31:33	12.55	44.87	28.98	8.73	8.08	3.5	3.702	98.3
785	10/31/2012 12:46:33	12.58	44.50	28.71	8.74	8.08	3.3	3.720	98.3
786	10/31/2012 13:01:33	12.57	45.05	29.11	8.67	8.08	3.1	3.739	97.8
787	10/31/2012 13:16:33	12.74	45.49	29.43	8.62	8.07	3.2	3.735	97.7
788	10/31/2012 13:31:33	12.60	44.77	28.91	8.60	8.07	3.1	3.701	96.9
789	10/31/2012 13:46:33	12.51	45.04	29.10	8.70	8.07	3.6	3.691	98.0
790	10/31/2012 14:01:33	12.56	44.36	28.62	8.67	8.07	3.9	3.642	97.4
791	10/31/2012 14:16:33	13.44	44.24	28.56	8.75	8.08	6.2	3.560	100.1
792	10/31/2012 14:31:33	13.34	43.78	28.22	8.69	8.07	5.6	3.497	99.0
793	10/31/2012 14:46:33	13.72	43.13	27.77	8.62	8.07	5.4	3.410	98.8
794	10/31/2012 15:01:33	13.65	43.11	27.76	8.70	8.08	5.9	3.298	99.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	10/31/2012 15:16:33	13.33	43.40	27.95	8.78	8.08	6.5	3.177	99.9
796	10/31/2012 15:31:33	13.47	43.35	27.92	8.81	8.08	6.1	3.073	100.5
797	10/31/2012 15:46:33	13.50	43.35	27.92	8.73	8.08	5.9	2.969	99.6
798	10/31/2012 16:01:33	13.69	43.12	27.76	8.76	8.08	5.6	2.839	100.3
799	10/31/2012 16:16:33	14.03	43.00	27.68	8.66	8.08	6.5	2.720	99.8
800	10/31/2012 16:31:33	14.21	42.95	27.66	8.57	8.07	7.2	2.614	99.1
801	10/31/2012 16:46:33	14.27	43.07	27.74	8.58	8.08	7.3	2.492	99.4
802	10/31/2012 17:01:33	14.09	42.89	27.61	8.72	8.08	8.6	2.354	100.6
803	10/31/2012 17:16:33	13.95	44.08	28.45	8.81	8.09	8.2	2.240	101.8
804	10/31/2012 17:31:33	14.06	44.08	28.45	8.71	8.09	8.1	2.122	100.9
805	10/31/2012 17:46:33	14.18	44.08	28.46	8.68	8.09	9.5	1.989	100.8
806	10/31/2012 18:01:33	14.23	43.91	28.34	8.57	8.08	10.0	1.874	99.5
807	10/31/2012 18:16:33	14.32	43.97	28.39	8.48	8.08	8.9	1.745	98.7
808	10/31/2012 18:31:33	14.43	43.81	28.27	8.36	8.07	9.7	1.629	97.5
809	10/31/2012 18:46:33	14.53	43.79	28.26	8.30	8.06	9.7	1.547	96.9
810	10/31/2012 19:01:33	14.59	43.99	28.40	8.26	8.06	8.9	1.472	96.7
811	10/31/2012 19:16:33	14.66	44.03	28.43	8.22	8.06	8.2	1.399	96.4
812	10/31/2012 19:31:33	14.72	44.10	28.49	8.17	8.06	7.7	1.372	96.0
813	10/31/2012 19:46:33	14.76	44.16	28.53	8.12	8.06	7.0	1.380	95.4
814	10/31/2012 20:01:33	14.73	44.05	28.45	8.15	8.06	7.2	1.359	95.6
815	10/31/2012 20:16:33	14.77	43.25	27.88	8.24	8.06	6.6	1.408	96.5
816	10/31/2012 20:31:33	14.74	42.85	27.59	8.26	8.05	6.5	1.487	96.5
817	10/31/2012 20:46:33	14.72	43.25	27.88	8.24	8.05	6.5	1.534	96.4
818	10/31/2012 21:01:33	14.68	44.68	28.90	8.17	8.04	6.8	1.647	96.1
819	10/31/2012 21:16:33	14.67	43.62	28.14	8.20	8.04	7.6	1.723	96.0
820	10/31/2012 21:31:33	14.65	44.11	28.49	8.18	8.03	6.8	1.804	96.0
821	10/31/2012 21:46:33	14.60	44.17	28.54	8.20	8.04	7.2	1.890	96.1
822	10/31/2012 22:01:33	14.60	44.47	28.75	8.19	8.04	7.1	1.988	96.1
823	10/31/2012 22:16:33	14.56	43.76	28.24	8.23	8.05	7.0	2.076	96.2
824	10/31/2012 22:31:33	14.49	43.95	28.38	8.25	8.05	6.6	2.154	96.4
825	10/31/2012 22:46:33	14.41	44.10	28.48	8.26	8.05	6.4	2.249	96.3
826	10/31/2012 23:01:33	14.38	44.29	28.61	8.26	8.05	6.5	2.337	96.4
827	10/31/2012 23:16:33	14.42	43.29	27.90	8.20	8.04	8.4	2.430	95.4
828	10/31/2012 23:31:33	14.45	44.57	28.82	8.10	8.04	9.0	2.509	94.8
829	10/31/2012 23:46:33	14.41	43.42	28.00	8.14	8.04	9.0	2.598	94.7
830	11/1/2012 0:01:33	14.27	43.46	28.02	8.21	8.04	9.1	2.684	95.2
831	11/1/2012 0:16:33	14.20	43.91	28.34	8.23	8.04	8.6	2.756	95.5
832	11/1/2012 0:31:33	14.13	44.28	28.60	8.24	8.04	8.6	2.846	95.6
833	11/1/2012 0:46:33	13.96	44.24	28.57	8.31	8.04	9.4	2.920	96.1
834	11/1/2012 1:01:33	13.81	45.34	29.36	8.30	8.05	9.3	2.988	96.2
835	11/1/2012 1:16:33	13.66	45.22	29.26	8.37	8.05	8.7	3.071	96.7
836	11/1/2012 1:31:33	13.45	44.34	28.62	8.48	8.05	8.3	3.134	97.1
837	11/1/2012 1:46:33	13.36	44.85	28.99	8.47	8.06	7.5	3.200	97.0
838	11/1/2012 2:01:33	13.25	45.00	29.09	8.47	8.06	6.3	3.258	96.9
839	11/1/2012 2:16:33	13.20	44.89	29.01	8.45	8.06	5.7	3.295	96.5
840	11/1/2012 2:31:33	13.16	44.91	29.03	8.41	8.06	4.8	3.325	96.0
841	11/1/2012 2:46:33	13.32	45.18	29.22	8.26	8.05	4.7	3.338	94.7
842	11/1/2012 3:01:33	13.16	44.85	28.98	8.33	8.05	4.8	3.333	95.1
843	11/1/2012 3:16:33	13.18	45.00	29.09	8.35	8.05	5.1	3.296	95.4
844	11/1/2012 3:31:33	13.23	45.01	29.10	8.31	8.05	5.3	3.257	95.0
845	11/1/2012 3:46:33	13.49	44.81	28.97	8.12	8.04	6.4	3.198	93.3
846	11/1/2012 4:01:33	13.63	45.05	29.14	8.06	8.03	7.7	3.130	93.0
847	11/1/2012 4:16:33	13.63	44.64	28.85	8.03	8.02	6.8	3.050	92.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	11/1/2012 4:31:33	13.64	44.60	28.82	8.05	8.03	6.3	2.975	92.6
849	11/1/2012 4:46:33	13.65	44.77	28.94	7.99	8.03	6.2	2.919	92.0
850	11/1/2012 5:01:33	13.88	44.60	28.83	7.89	8.02	6.2	2.841	91.2
851	11/1/2012 5:16:33	13.98	44.48	28.74	7.71	8.00	6.7	2.759	89.3
852	11/1/2012 5:31:33	14.01	44.45	28.72	7.63	8.00	6.5	2.719	88.4
853	11/1/2012 5:46:33	14.03	44.52	28.77	7.57	8.00	6.6	2.667	87.8
854	11/1/2012 6:01:33	14.03	44.38	28.67	7.52	7.99	6.7	2.595	87.1
855	11/1/2012 6:16:33	14.04	44.29	28.61	7.49	7.99	6.3	2.562	86.8
856	11/1/2012 6:31:33	14.05	44.06	28.44	7.42	7.98	6.2	2.528	86.0
857	11/1/2012 6:46:33	14.07	43.82	28.27	7.51	7.99	6.2	2.475	86.9
858	11/1/2012 7:01:33	14.09	43.83	28.28	7.53	7.99	6.2	2.457	87.1
859	11/1/2012 7:16:33	14.18	44.65	28.87	7.55	8.00	5.4	2.437	87.9
860	11/1/2012 7:31:33	14.20	44.03	28.43	7.61	8.01	5.4	2.425	88.4
861	11/1/2012 7:46:33	14.21	44.41	28.70	7.54	8.00	5.7	2.437	87.8
862	11/1/2012 8:01:33	14.18	43.76	28.23	7.66	8.00	5.7	2.450	88.8
863	11/1/2012 8:16:33	14.15	44.08	28.46	7.65	8.00	5.4	2.480	88.8
864	11/1/2012 8:31:33	14.16	43.54	28.07	7.76	8.01	5.7	2.517	89.9
865	11/1/2012 8:46:33	14.16	43.72	28.20	7.83	8.01	5.6	2.559	90.8
866	11/1/2012 9:01:33	14.13	43.76	28.23	7.84	8.01	6.3	2.619	90.9
867	11/1/2012 9:16:33	14.07	44.00	28.40	7.80	8.00	7.3	2.683	90.4
868	11/1/2012 9:31:33	14.05	43.73	28.21	7.87	8.01	6.4	2.739	90.9
869	11/1/2012 9:46:33	13.97	44.22	28.55	7.89	8.01	6.3	2.807	91.3
870	11/1/2012 10:01:33	13.84	43.26	27.86	8.00	8.02	6.2	2.884	92.0
871	11/1/2012 10:16:33	13.71	45.33	29.34	8.04	8.03	5.9	2.947	93.0
872	11/1/2012 10:31:33	13.63	43.95	28.35	8.20	8.03	5.7	3.023	94.0
873	11/1/2012 10:46:33	13.59	44.50	28.75	8.21	8.04	6.1	3.094	94.4
874	11/1/2012 11:01:33	13.57	44.20	28.53	8.25	8.04	5.7	3.174	94.7
875	11/1/2012 11:16:33	13.53	45.89	29.74	8.23	8.04	6.1	3.257	95.0
876	11/1/2012 11:31:33	13.39	45.48	29.44	8.29	8.04	5.9	3.323	95.3
877	11/1/2012 11:46:33	13.27	44.48	28.72	8.39	8.05	5.9	3.407	95.7
878	11/1/2012 12:01:33	13.20	43.62	28.10	8.46	8.05	5.4	3.480	96.0
879	11/1/2012 12:16:33	13.14	43.34	27.91	8.49	8.05	5.4	3.531	96.2
880	11/1/2012 12:31:33	12.99	44.21	28.52	8.55	8.06	5.4	3.587	96.9
881	11/1/2012 12:46:33	12.95	44.60	28.80	8.56	8.06	4.8	3.639	97.1
882	11/1/2012 13:01:33	12.90	44.52	28.74	8.60	8.07	4.5	3.676	97.4
883	11/1/2012 13:16:33	12.86	46.01	29.81	8.56	8.07	4.0	3.699	97.6
884	11/1/2012 13:31:33	12.85	45.86	29.70	8.50	8.07	3.3	3.713	96.7
885	11/1/2012 13:46:33	12.91	45.59	29.51	8.49	8.07	4.0	3.705	96.7
886	11/1/2012 14:01:33	12.88	44.82	28.96	8.55	8.07	3.9	3.684	97.0
887	11/1/2012 14:16:33	12.90	44.46	28.70	8.55	8.07	3.8	3.643	96.8
888	11/1/2012 14:31:33	13.06	44.04	28.40	8.56	8.07	4.3	3.582	97.1
889	11/1/2012 14:46:33	13.57	44.37	28.66	8.83	8.09	5.2	3.506	101.4
890	11/1/2012 15:01:33	13.65	44.02	28.40	9.09	8.11	5.8	3.423	104.3
891	11/1/2012 15:16:33	13.90	43.69	28.17	8.89	8.09	6.4	3.326	102.5
892	11/1/2012 15:31:33	13.91	44.12	28.48	8.70	8.08	6.7	3.234	100.4
893	11/1/2012 15:46:33	13.93	43.61	28.12	8.72	8.07	6.1	3.127	100.5
894	11/1/2012 16:01:33	14.07	44.61	28.84	8.72	8.08	6.1	3.013	101.3
895	11/1/2012 16:16:33	14.23	43.67	28.17	8.83	8.09	5.7	2.921	102.5
896	11/1/2012 16:31:33	14.41	43.68	28.18	8.83	8.09	6.1	2.807	102.8
897	11/1/2012 16:46:33	14.45	44.24	28.58	8.81	8.09	5.9	2.691	102.9
898	11/1/2012 17:01:33	14.54	44.35	28.66	8.93	8.10	6.3	2.600	104.6
899	11/1/2012 17:16:33	14.42	44.81	28.99	8.94	8.10	5.9	2.473	104.7
900	11/1/2012 17:31:33	14.44	44.48	28.75	8.92	8.09	7.5	2.353	104.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	11/1/2012 17:46:33	14.53	44.14	28.51	8.93	8.10	8.5	2.221	104.5
902	11/1/2012 18:01:33	14.49	45.25	29.31	8.89	8.10	6.2	2.112	104.4
903	11/1/2012 18:16:33	14.53	45.13	29.22	8.88	8.10	6.7	1.985	104.4
904	11/1/2012 18:31:33	14.54	44.23	28.58	8.81	8.10	6.1	1.860	103.1
905	11/1/2012 18:46:33	14.56	44.05	28.45	8.74	8.09	6.9	1.744	102.3
906	11/1/2012 19:01:33	14.66	43.85	28.31	8.70	8.09	6.8	1.641	101.9
907	11/1/2012 19:16:33	14.72	45.21	29.28	8.61	8.09	8.9	1.552	101.6
908	11/1/2012 19:31:33	14.78	44.13	28.51	8.66	8.09	8.6	1.471	101.9
909	11/1/2012 19:46:33	14.84	43.69	28.20	8.75	8.09	6.4	1.400	102.8
910	11/1/2012 20:01:33	14.89	44.27	28.61	8.71	8.09	6.2	1.386	102.7
911	11/1/2012 20:16:33	14.97	44.18	28.55	8.75	8.10	5.4	1.353	103.3
912	11/1/2012 20:31:33	14.82	44.12	28.50	8.69	8.09	6.3	1.379	102.3
913	11/1/2012 20:46:32	14.94	44.25	28.60	8.88	8.10	5.0	1.400	104.8
914	11/1/2012 21:01:33	14.95	43.95	28.39	8.93	8.10	4.8	1.444	105.3
915	11/1/2012 21:16:33	14.98	43.49	28.05	9.09	8.11	4.8	1.533	107.0
916	11/1/2012 21:31:33	14.95	44.02	28.43	9.08	8.11	4.8	1.603	107.1
917	11/1/2012 21:46:33	15.00	43.96	28.39	8.89	8.09	6.2	1.689	104.9
918	11/1/2012 22:01:33	14.98	45.50	29.50	8.82	8.09	5.4	1.758	104.7
919	11/1/2012 22:16:33	15.02	44.99	29.13	8.69	8.07	5.7	1.844	103.0
920	11/1/2012 22:31:33	14.99	44.79	28.99	8.66	8.07	5.6	1.919	102.6
921	11/1/2012 22:46:33	14.94	44.81	29.00	8.69	8.07	5.4	2.000	102.8
922	11/1/2012 23:01:33	14.87	43.94	28.37	8.74	8.07	5.3	2.090	102.8
923	11/1/2012 23:16:33	14.84	45.35	29.38	8.69	8.08	7.8	2.176	102.8
924	11/1/2012 23:31:33	14.78	44.64	28.87	8.58	8.07	6.4	2.265	101.1
925	11/1/2012 23:46:33	14.69	44.08	28.47	8.40	8.06	5.9	2.348	98.6
926	11/2/2012 0:01:33	14.66	44.54	28.80	8.32	8.05	6.2	2.430	97.8
927	11/2/2012 0:16:33	14.64	44.01	28.42	8.28	8.04	6.7	2.525	97.0
928	11/2/2012 0:31:33	14.55	44.95	29.09	8.24	8.04	6.8	2.606	96.7
929	11/2/2012 0:46:33	14.44	44.63	28.86	8.26	8.04	6.8	2.686	96.7
930	11/2/2012 1:01:33	14.39	44.10	28.48	8.28	8.04	6.8	2.767	96.5
931	11/2/2012 1:16:33	14.33	44.07	28.46	8.28	8.04	7.1	2.844	96.4
932	11/2/2012 1:31:33	14.22	44.76	28.95	8.26	8.04	7.5	2.913	96.3
933	11/2/2012 1:46:33	14.09	45.26	29.30	8.27	8.04	7.8	2.979	96.4
934	11/2/2012 2:01:33	13.98	44.79	28.96	8.31	8.05	7.7	3.047	96.4
935	11/2/2012 2:16:33	13.77	44.14	28.49	8.43	8.05	7.6	3.111	97.0
936	11/2/2012 2:31:33	13.64	44.56	28.79	8.46	8.06	6.8	3.165	97.3
937	11/2/2012 2:46:33	13.55	45.43	29.41	8.45	8.06	6.7	3.214	97.4
938	11/2/2012 3:01:33	13.50	45.35	29.35	8.46	8.06	5.3	3.254	97.4
939	11/2/2012 3:16:33	13.48	44.87	29.00	8.41	8.06	4.5	3.284	96.5
940	11/2/2012 3:31:33	13.58	44.49	28.74	8.29	8.05	4.5	3.275	95.3
941	11/2/2012 3:46:33	13.51	45.43	29.41	8.34	8.06	4.5	3.265	96.1
942	11/2/2012 4:01:33	13.50	44.77	28.93	8.38	8.06	4.7	3.240	96.3
943	11/2/2012 4:16:33	13.61	44.69	28.88	8.28	8.05	5.2	3.177	95.3
944	11/2/2012 4:31:33	13.82	44.63	28.85	7.97	8.02	6.1	3.125	92.0
945	11/2/2012 4:46:33	13.89	44.44	28.71	7.97	8.02	5.7	3.073	92.1
946	11/2/2012 5:01:33	13.84	45.01	29.12	7.91	8.02	5.9	2.995	91.6
947	11/2/2012 5:16:33	13.82	45.42	29.41	7.95	8.02	5.7	2.917	92.2
948	11/2/2012 5:31:33	13.87	45.61	29.55	7.89	8.02	5.3	2.866	91.6
949	11/2/2012 5:46:33	13.88	45.13	29.20	7.88	8.02	4.9	2.803	91.3
950	11/2/2012 6:01:33	13.96	45.21	29.27	7.79	8.01	5.1	2.745	90.5
951	11/2/2012 6:16:33	14.04	45.87	29.74	7.72	8.00	5.2	2.678	90.1
952	11/2/2012 6:31:33	14.09	44.76	28.95	7.66	8.00	5.4	2.629	89.1
953	11/2/2012 6:46:33	14.11	45.12	29.20	7.60	7.99	5.2	2.594	88.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	11/2/2012 7:01:33	14.13	47.01	30.56	7.49	7.99	5.3	2.551	88.1
955	11/2/2012 7:16:33	14.18	45.56	29.53	7.62	8.00	5.4	2.502	89.1
956	11/2/2012 7:31:33	14.17	45.24	29.29	7.59	8.00	4.9	2.487	88.6
957	11/2/2012 7:46:33	14.21	45.06	29.17	7.61	8.00	4.5	2.484	88.8
958	11/2/2012 8:01:33	14.26	44.30	28.62	7.73	8.01	4.2	2.457	90.0
959	11/2/2012 8:16:33	14.25	44.58	28.82	7.81	8.01	4.2	2.462	91.0
960	11/2/2012 8:31:33	14.27	45.24	29.29	7.85	8.01	4.5	2.475	91.8
961	11/2/2012 8:46:33	14.24	44.86	29.02	7.87	8.01	4.5	2.499	91.8
962	11/2/2012 9:01:33	14.24	45.66	29.60	7.86	8.01	4.5	2.524	92.0
963	11/2/2012 9:16:33	14.26	45.29	29.33	7.94	8.02	4.7	2.566	92.9
964	11/2/2012 9:31:33	14.24	45.22	29.28	7.95	8.02	5.1	2.624	92.9
965	11/2/2012 9:46:33	14.18	44.95	29.09	7.94	8.02	5.4	2.668	92.6
966	11/2/2012 10:01:33	14.15	45.36	29.38	7.94	8.02	5.3	2.728	92.7
967	11/2/2012 10:16:33	14.10	44.41	28.70	7.98	8.02	5.0	2.793	92.7
968	11/2/2012 10:31:33	14.01	44.53	28.78	8.01	8.02	5.0	2.860	92.8
969	11/2/2012 10:46:33	13.89	44.66	28.87	8.06	8.02	5.1	2.916	93.3
970	11/2/2012 11:01:33	13.81	44.79	28.96	8.19	8.03	4.9	2.983	94.6
971	11/2/2012 11:16:33	13.76	44.65	28.86	8.28	8.04	4.7	3.056	95.6
972	11/2/2012 11:31:33	13.71	44.45	28.71	8.33	8.04	4.7	3.119	96.0
973	11/2/2012 11:46:33	13.69	44.52	28.76	8.35	8.05	4.5	3.193	96.2
974	11/2/2012 12:01:33	13.56	45.06	29.14	8.39	8.05	4.8	3.261	96.6
975	11/2/2012 12:16:33	13.41	45.08	29.16	8.44	8.05	4.7	3.326	96.9
976	11/2/2012 12:31:33	13.26	44.96	29.06	8.50	8.06	4.7	3.386	97.2
977	11/2/2012 12:46:33	13.15	45.64	29.55	8.48	8.06	4.4	3.451	97.1
978	11/2/2012 13:01:33	13.07	46.30	30.02	8.47	8.05	4.4	3.503	97.1
979	11/2/2012 13:16:33	12.97	46.52	30.18	8.49	8.06	4.5	3.548	97.2
	Mean	13.21	44.81	28.96	8.67	8.07	5.43	2.65	99.05
	Minimum	11.54	42.66	27.42	7.42	7.98	2.60	1.27	86.00
	Maximum	15.70	49.92	32.59	10.45	8.21	25.60	3.74	122.90

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	11/2/2012 14:30:50	12.89	49.92	32.63	8.47	8.02	3.7	3.339	98.3
1	11/2/2012 14:45:49	12.87	49.71	32.49	8.41	8.03	3.7	3.316	97.5
2	11/2/2012 15:00:50	13.16	49.92	32.65	8.27	8.03	4.0	3.272	96.5
3	11/2/2012 15:15:49	13.82	49.64	32.47	8.73	8.06	5.0	3.195	103.2
4	11/2/2012 15:30:50	13.84	49.72	32.53	8.78	8.07	4.5	3.123	103.8
5	11/2/2012 15:45:50	13.79	49.67	32.49	8.69	8.06	4.8	3.028	102.6
6	11/2/2012 16:00:50	13.89	49.60	32.44	8.54	8.05	4.8	2.933	101.1
7	11/2/2012 16:15:50	13.90	49.77	32.56	8.40	8.04	5.1	2.856	99.5
8	11/2/2012 16:30:50	14.02	49.63	32.47	8.49	8.05	5.0	2.742	100.7
9	11/2/2012 16:45:50	14.13	49.47	32.35	8.56	8.05	4.9	2.638	101.7
10	11/2/2012 17:00:50	14.26	49.48	32.36	8.54	8.05	4.9	2.547	101.8
11	11/2/2012 17:15:50	14.33	49.15	32.13	8.43	8.04	5.5	2.448	100.4
12	11/2/2012 17:30:50	14.33	49.41	32.32	8.36	8.03	5.4	2.336	99.7
13	11/2/2012 17:45:50	14.27	49.30	32.24	8.37	8.04	5.4	2.223	99.7
14	11/2/2012 18:00:50	14.24	49.55	32.41	8.34	8.04	5.9	2.115	99.4
15	11/2/2012 18:15:50	14.17	49.57	32.43	8.31	8.03	5.9	2.005	98.8
16	11/2/2012 18:30:50	14.23	49.49	32.37	8.26	8.03	6.0	1.893	98.4
17	11/2/2012 18:45:50	14.26	49.58	32.44	8.23	8.03	6.2	1.777	98.1
18	11/2/2012 19:00:50	14.29	49.44	32.33	8.16	8.02	6.5	1.659	97.3
19	11/2/2012 19:15:50	14.34	49.58	32.44	8.16	8.02	6.1	1.569	97.4
20	11/2/2012 19:30:50	14.38	49.29	32.23	8.11	8.02	6.1	1.463	96.8
21	11/2/2012 19:45:50	14.45	49.44	32.34	8.08	8.02	5.8	1.366	96.6
22	11/2/2012 20:00:50	14.51	49.33	32.26	8.12	8.01	5.6	1.297	97.2
23	11/2/2012 20:15:50	14.55	49.25	32.20	8.12	8.01	5.4	1.240	97.2
24	11/2/2012 20:30:50	14.58	49.27	32.22	8.01	8.01	4.7	1.206	96.0
25	11/2/2012 20:45:50	14.63	48.98	32.01	8.19	8.02	4.3	1.184	98.0
26	11/2/2012 21:00:50	14.66	49.20	32.17	8.17	8.02	4.2	1.178	98.0
27	11/2/2012 21:15:50	14.68	49.11	32.11	8.29	8.03	4.2	1.229	99.5
28	11/2/2012 21:30:50	14.65	49.13	32.12	8.35	8.03	4.5	1.261	100.1
29	11/2/2012 21:45:50	14.63	49.11	32.10	8.41	8.04	4.1	1.297	100.8
30	11/2/2012 22:00:50	14.59	48.88	31.94	8.41	8.03	4.3	1.373	100.7
31	11/2/2012 22:15:50	14.57	48.86	31.92	8.35	8.02	4.7	1.445	99.8
32	11/2/2012 22:30:50	14.59	48.70	31.80	8.36	8.02	4.7	1.517	99.9
33	11/2/2012 22:45:50	14.58	48.82	31.89	8.31	8.02	4.5	1.580	99.3
34	11/2/2012 23:00:50	14.55	48.81	31.89	8.21	8.00	5.2	1.657	98.2
35	11/2/2012 23:15:50	14.54	48.90	31.95	8.21	8.01	4.9	1.742	98.1
36	11/2/2012 23:30:50	14.54	49.12	32.11	8.23	8.01	5.1	1.814	98.4
37	11/2/2012 23:45:50	14.51	49.06	32.06	8.24	8.02	4.9	1.891	98.5
38	11/3/2012 0:00:50	14.48	49.10	32.09	8.25	8.02	4.8	1.969	98.5
39	11/3/2012 0:15:50	14.45	49.12	32.11	8.19	8.01	5.3	2.057	97.8
40	11/3/2012 0:30:50	14.43	49.43	32.33	8.08	8.01	5.3	2.133	96.6
41	11/3/2012 0:45:50	14.42	49.54	32.41	8.03	8.01	5.4	2.205	96.1
42	11/3/2012 1:00:50	14.40	49.40	32.31	8.02	8.01	6.1	2.293	95.8
43	11/3/2012 1:15:50	14.33	49.40	32.31	8.02	8.00	7.0	2.373	95.7
44	11/3/2012 1:30:50	14.26	49.31	32.24	8.04	8.01	5.7	2.447	95.7
45	11/3/2012 1:45:50	14.21	49.52	32.39	8.03	8.01	5.4	2.521	95.6
46	11/3/2012 2:00:50	14.15	49.57	32.43	8.04	8.01	5.7	2.595	95.6
47	11/3/2012 2:15:50	14.04	49.49	32.37	8.05	8.01	5.9	2.659	95.5
48	11/3/2012 2:30:50	13.92	49.60	32.44	8.08	8.01	6.4	2.725	95.7
49	11/3/2012 2:45:50	13.82	49.79	32.58	8.12	8.02	5.9	2.786	96.0
50	11/3/2012 3:00:50	13.70	49.72	32.52	8.15	8.02	5.2	2.840	96.1
51	11/3/2012 3:15:50	13.58	49.82	32.59	8.18	8.02	4.7	2.888	96.2
52	11/3/2012 3:30:50	13.48	49.61	32.43	8.18	8.02	4.4	2.921	96.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	11/3/2012 3:45:50	13.40	49.91	32.65	8.20	8.02	4.7	2.955	96.1
54	11/3/2012 4:00:50	13.31	49.96	32.68	8.17	8.02	4.3	2.971	95.7
55	11/3/2012 4:15:50	13.42	50.00	32.72	8.16	8.02	4.7	2.961	95.8
56	11/3/2012 4:30:50	13.36	50.01	32.72	8.15	8.02	3.8	2.953	95.5
57	11/3/2012 4:45:50	13.45	49.97	32.69	8.11	8.02	4.3	2.931	95.2
58	11/3/2012 5:00:50	13.69	49.67	32.48	7.92	8.00	4.9	2.878	93.3
59	11/3/2012 5:15:50	13.86	49.49	32.36	7.86	8.00	5.1	2.830	92.9
60	11/3/2012 5:30:50	13.94	49.54	32.39	7.69	7.98	5.9	2.780	91.1
61	11/3/2012 5:45:50	13.84	49.82	32.60	7.76	7.99	5.1	2.725	91.9
62	11/3/2012 6:00:50	13.82	49.59	32.43	7.79	7.99	5.0	2.656	92.0
63	11/3/2012 6:15:50	13.85	49.64	32.47	7.79	7.98	5.1	2.596	92.1
64	11/3/2012 6:30:50	13.90	49.74	32.54	7.74	7.98	5.4	2.544	91.7
65	11/3/2012 6:45:50	13.91	49.51	32.37	7.71	7.98	5.1	2.500	91.2
66	11/3/2012 7:00:50	13.99	49.55	32.41	7.64	7.97	5.4	2.450	90.5
67	11/3/2012 7:15:50	14.08	49.48	32.36	7.56	7.97	5.1	2.408	89.8
68	11/3/2012 7:30:50	14.14	49.41	32.31	7.51	7.97	5.3	2.375	89.3
69	11/3/2012 7:45:50	14.16	49.50	32.38	7.44	7.96	5.0	2.347	88.5
70	11/3/2012 8:00:50	14.20	49.48	32.36	7.41	7.96	4.8	2.315	88.1
71	11/3/2012 8:15:50	14.20	49.49	32.37	7.41	7.96	4.8	2.296	88.1
72	11/3/2012 8:30:50	14.26	49.43	32.33	7.52	7.97	4.3	2.281	89.5
73	11/3/2012 8:45:50	14.28	49.25	32.19	7.43	7.96	4.4	2.283	88.4
74	11/3/2012 9:00:50	14.27	49.47	32.35	7.51	7.97	4.0	2.289	89.5
75	11/3/2012 9:15:50	14.29	49.47	32.35	7.57	7.97	4.3	2.304	90.2
76	11/3/2012 9:30:50	14.27	49.48	32.36	7.65	7.98	4.5	2.332	91.1
77	11/3/2012 9:45:50	14.29	49.54	32.40	7.72	7.98	4.6	2.358	92.1
78	11/3/2012 10:00:50	14.26	49.56	32.42	7.73	7.98	4.6	2.402	92.1
79	11/3/2012 10:15:50	14.24	49.51	32.39	7.74	7.98	4.7	2.432	92.3
80	11/3/2012 10:30:50	14.22	49.53	32.40	7.73	7.98	4.8	2.487	92.1
81	11/3/2012 10:45:50	14.15	49.56	32.42	7.79	7.98	6.4	2.549	92.6
82	11/3/2012 11:00:50	14.09	49.50	32.37	7.79	7.99	4.6	2.591	92.5
83	11/3/2012 11:15:50	14.02	49.35	32.26	7.81	7.99	4.8	2.650	92.5
84	11/3/2012 11:30:50	13.90	49.62	32.45	7.85	7.99	4.9	2.703	93.0
85	11/3/2012 11:45:50	13.78	49.66	32.48	7.96	8.00	4.3	2.776	94.0
86	11/3/2012 12:00:50	13.66	49.89	32.64	8.08	8.01	4.2	2.832	95.2
87	11/3/2012 12:15:50	13.59	49.81	32.58	8.12	8.01	4.0	2.888	95.6
88	11/3/2012 12:30:50	13.51	49.80	32.57	8.18	8.02	4.1	2.952	96.1
89	11/3/2012 12:45:50	13.49	49.98	32.71	8.21	8.02	3.9	3.006	96.5
90	11/3/2012 13:00:50	13.43	49.84	32.60	8.22	8.02	4.0	3.067	96.5
91	11/3/2012 13:15:50	13.26	50.08	32.77	8.28	8.03	3.9	3.107	96.9
92	11/3/2012 13:30:50	13.18	50.16	32.82	8.29	8.03	3.9	3.149	96.9
93	11/3/2012 13:45:50	13.13	50.10	32.78	8.34	8.03	3.9	3.200	97.3
94	11/3/2012 14:00:50	13.08	50.09	32.77	8.35	8.03	3.6	3.231	97.4
95	11/3/2012 14:15:50	13.05	50.18	32.83	8.32	8.03	3.2	3.259	97.1
96	11/3/2012 14:30:50	13.08	50.02	32.72	8.29	8.03	3.4	3.266	96.7
97	11/3/2012 14:45:50	13.24	50.15	32.82	8.18	8.02	3.5	3.288	95.7
98	11/3/2012 15:00:50	13.09	49.84	32.58	8.23	8.03	3.4	3.270	95.9
99	11/3/2012 15:15:50	13.09	50.04	32.74	8.28	8.03	3.5	3.239	96.5
100	11/3/2012 15:30:50	13.12	50.19	32.84	8.27	8.03	3.7	3.191	96.5
101	11/3/2012 15:45:50	13.69	49.95	32.69	8.29	8.04	4.0	3.148	97.8
102	11/3/2012 16:00:50	14.03	49.96	32.71	8.67	8.05	4.3	3.086	103.1
103	11/3/2012 16:15:50	14.19	49.78	32.58	8.74	8.06	4.7	2.998	104.1
104	11/3/2012 16:30:50	14.28	49.74	32.55	8.73	8.06	5.2	2.915	104.2
105	11/3/2012 16:45:50	14.38	49.55	32.42	8.77	8.05	5.4	2.829	104.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	11/3/2012 17:00:50	14.47	49.78	32.59	8.70	8.05	4.7	2.729	104.3
107	11/3/2012 17:15:50	14.47	49.29	32.23	8.82	8.06	4.5	2.652	105.4
108	11/3/2012 17:30:50	14.63	49.55	32.42	8.86	8.06	4.3	2.567	106.5
109	11/3/2012 17:45:50	14.81	49.53	32.41	8.89	8.06	5.0	2.464	107.1
110	11/3/2012 18:00:50	14.80	49.48	32.38	8.77	8.05	5.0	2.369	105.7
111	11/3/2012 18:15:50	14.74	49.50	32.39	8.88	8.06	4.8	2.266	106.8
112	11/3/2012 18:30:50	14.52	49.70	32.53	8.76	8.05	5.0	2.161	105.0
113	11/3/2012 18:45:50	14.62	49.63	32.48	8.65	8.04	5.7	2.052	103.9
114	11/3/2012 19:00:50	14.63	49.62	32.48	8.61	8.04	6.1	1.960	103.4
115	11/3/2012 19:15:50	14.63	49.31	32.25	8.58	8.04	5.9	1.846	102.9
116	11/3/2012 19:30:50	14.72	49.48	32.38	8.58	8.04	5.6	1.741	103.2
117	11/3/2012 19:45:50	14.71	49.53	32.41	8.53	8.04	5.6	1.640	102.6
118	11/3/2012 20:00:50	14.81	49.47	32.37	8.58	8.04	5.7	1.536	103.4
119	11/3/2012 20:15:50	14.84	49.34	32.28	8.59	8.04	5.7	1.483	103.5
120	11/3/2012 20:30:50	14.88	49.29	32.24	8.61	8.04	5.6	1.400	103.8
121	11/3/2012 20:45:50	14.95	49.20	32.18	8.67	8.04	5.1	1.323	104.6
122	11/3/2012 21:00:50	15.03	49.16	32.15	8.77	8.05	5.1	1.291	106.0
123	11/3/2012 21:15:50	15.15	49.08	32.09	8.87	8.06	4.8	1.280	107.4
124	11/3/2012 21:30:50	15.18	49.16	32.15	8.80	8.06	3.9	1.262	106.7
125	11/3/2012 21:45:50	15.10	49.27	32.23	8.81	8.06	4.0	1.275	106.7
126	11/3/2012 22:00:50	15.20	49.08	32.10	9.02	8.07	4.0	1.314	109.3
127	11/3/2012 22:15:50	15.13	49.36	32.30	9.07	8.07	3.9	1.360	109.9
128	11/3/2012 22:30:50	15.17	49.25	32.22	9.09	8.07	4.3	1.413	110.2
129	11/3/2012 22:45:50	15.14	49.16	32.15	9.11	8.07	4.3	1.454	110.3
130	11/3/2012 23:00:50	15.18	48.90	31.96	8.96	8.05	4.5	1.526	108.5
131	11/3/2012 23:15:50	15.16	48.95	32.00	8.99	8.06	4.5	1.585	108.9
132	11/3/2012 23:30:50	15.15	48.95	32.00	8.88	8.05	4.5	1.646	107.5
133	11/3/2012 23:45:50	15.16	49.08	32.09	8.81	8.05	4.7	1.721	106.7
134	11/4/2012 0:00:50	15.15	49.05	32.07	8.72	8.03	4.6	1.791	105.6
135	11/4/2012 0:15:50	15.13	49.00	32.04	8.76	8.04	4.7	1.869	106.0
136	11/4/2012 0:30:50	15.08	49.19	32.17	8.70	8.04	4.7	1.942	105.3
137	11/4/2012 0:45:50	15.03	49.14	32.14	8.70	8.03	4.5	2.026	105.1
138	11/4/2012 1:00:50	14.94	49.22	32.19	8.61	8.03	4.8	2.094	103.9
139	11/4/2012 1:15:50	14.85	49.36	32.29	8.41	8.02	4.8	2.159	101.3
140	11/4/2012 1:30:50	14.78	49.40	32.32	8.29	8.01	5.0	2.254	99.8
141	11/4/2012 1:45:50	14.73	49.57	32.44	8.23	8.01	5.3	2.319	99.1
142	11/4/2012 1:00:50	14.67	49.45	32.36	8.23	8.00	5.3	2.384	98.8
143	11/4/2012 1:15:50	14.63	49.55	32.42	8.20	8.00	5.1	2.459	98.5
144	11/4/2012 1:30:50	14.49	49.56	32.43	8.19	8.00	5.3	2.527	98.1
145	11/4/2012 1:45:50	14.39	49.55	32.42	8.21	8.00	5.0	2.603	98.1
146	11/4/2012 2:00:50	14.36	49.59	32.45	8.21	8.00	5.1	2.648	98.0
147	11/4/2012 2:15:50	14.27	49.66	32.50	8.20	8.00	5.1	2.718	97.8
148	11/4/2012 2:30:50	14.11	49.72	32.54	8.26	8.01	5.3	2.772	98.3
149	11/4/2012 2:45:50	14.04	49.77	32.57	8.26	8.01	4.7	2.817	98.1
150	11/4/2012 3:00:50	13.98	49.85	32.62	8.25	8.01	4.6	2.861	97.9
151	11/4/2012 3:15:50	13.91	49.82	32.60	8.22	8.01	4.2	2.893	97.4
152	11/4/2012 3:30:50	13.80	49.92	32.67	8.20	8.01	4.2	2.920	97.0
153	11/4/2012 3:45:50	13.86	49.73	32.54	8.14	8.00	4.4	2.933	96.3
154	11/4/2012 4:00:50	13.92	49.84	32.62	7.97	8.00	4.3	2.942	94.5
155	11/4/2012 4:15:50	13.78	49.90	32.65	8.15	8.01	4.0	2.934	96.3
156	11/4/2012 4:30:50	13.92	49.83	32.61	8.12	8.00	4.7	2.885	96.2
157	11/4/2012 4:45:50	13.98	49.68	32.50	7.99	7.99	4.2	2.848	94.7
158	11/4/2012 5:00:50	14.07	49.53	32.39	7.68	7.96	4.8	2.811	91.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	11/4/2012 5:15:50	14.18	49.51	32.38	7.67	7.96	5.0	2.778	91.3
160	11/4/2012 5:30:50	14.11	49.57	32.42	7.71	7.96	5.0	2.717	91.7
161	11/4/2012 5:45:50	14.04	49.61	32.45	7.79	7.97	4.5	2.649	92.5
162	11/4/2012 6:00:50	14.06	49.62	32.46	7.85	7.98	5.3	2.596	93.2
163	11/4/2012 6:15:50	14.11	49.58	32.43	7.86	7.98	5.3	2.564	93.4
164	11/4/2012 6:30:50	14.13	49.58	32.43	7.84	7.98	5.0	2.511	93.2
165	11/4/2012 6:45:50	14.23	49.53	32.40	7.79	7.97	4.9	2.484	92.7
166	11/4/2012 7:00:50	14.25	49.57	32.43	7.76	7.97	4.8	2.448	92.5
167	11/4/2012 7:15:50	14.33	49.41	32.32	7.71	7.96	4.9	2.398	92.0
168	11/4/2012 7:30:50	14.37	49.47	32.36	7.70	7.96	4.7	2.382	91.9
169	11/4/2012 7:45:50	14.42	49.42	32.32	7.69	7.97	4.8	2.335	91.9
170	11/4/2012 8:00:50	14.45	49.48	32.37	7.64	7.97	4.6	2.320	91.4
171	11/4/2012 8:15:50	14.52	49.44	32.34	7.60	7.97	4.3	2.346	91.0
172	11/4/2012 8:30:50	14.56	49.39	32.31	7.75	7.97	4.0	2.309	92.9
173	11/4/2012 8:45:50	14.56	49.48	32.37	7.62	7.96	3.9	2.336	91.3
174	11/4/2012 9:00:50	14.59	49.37	32.29	7.79	7.98	4.1	2.319	93.4
175	11/4/2012 9:15:50	14.61	49.49	32.38	7.90	7.99	4.4	2.373	94.8
176	11/4/2012 9:30:50	14.58	49.46	32.36	7.93	7.99	4.3	2.353	95.1
177	11/4/2012 9:45:50	14.55	49.54	32.42	7.96	7.99	4.5	2.414	95.4
178	11/4/2012 10:00:50	14.50	49.40	32.31	7.95	7.99	5.0	2.454	95.2
179	11/4/2012 10:15:50	14.53	49.47	32.37	8.00	7.99	4.5	2.489	95.9
180	11/4/2012 10:30:50	14.49	49.48	32.37	8.00	7.99	4.7	2.555	95.8
181	11/4/2012 10:45:50	14.40	49.58	32.44	8.03	7.99	4.5	2.584	96.0
182	11/4/2012 11:00:50	14.34	49.36	32.27	8.05	7.99	4.5	2.641	96.0
183	11/4/2012 11:15:50	14.17	49.57	32.42	8.03	7.99	4.6	2.691	95.5
184	11/4/2012 11:30:50	14.07	49.55	32.41	8.09	8.00	4.7	2.748	96.0
185	11/4/2012 11:45:50	13.99	49.53	32.39	8.17	8.00	4.7	2.796	96.9
186	11/4/2012 12:00:50	13.88	49.81	32.59	8.28	8.01	4.3	2.864	98.0
187	11/4/2012 12:15:50	13.83	49.64	32.46	8.33	8.02	4.0	2.902	98.4
188	11/4/2012 12:30:50	13.75	49.82	32.59	8.38	8.02	4.0	2.955	98.9
189	11/4/2012 12:45:50	13.74	49.66	32.48	8.40	8.02	3.7	2.982	99.1
190	11/4/2012 13:00:50	13.70	49.99	32.72	8.39	8.02	3.4	3.034	99.0
191	11/4/2012 13:15:50	13.58	50.03	32.74	8.40	8.03	3.6	3.088	99.0
192	11/4/2012 13:30:50	13.55	50.06	32.76	8.40	8.03	3.5	3.113	98.9
193	11/4/2012 13:45:50	13.50	49.87	32.62	8.41	8.03	3.8	3.125	98.8
194	11/4/2012 14:00:50	13.52	50.07	32.77	8.32	8.02	3.4	3.152	97.9
195	11/4/2012 14:15:50	13.62	49.82	32.59	8.36	8.03	3.8	3.149	98.5
196	11/4/2012 14:30:50	13.55	50.02	32.74	8.40	8.02	3.4	3.141	98.9
197	11/4/2012 14:45:50	13.53	49.85	32.61	8.39	8.02	3.7	3.154	98.7
198	11/4/2012 15:00:50	13.57	50.03	32.74	8.39	8.02	3.4	3.122	98.8
199	11/4/2012 15:15:50	13.66	50.07	32.78	8.39	8.02	3.6	3.086	99.0
200	11/4/2012 15:30:50	13.97	49.77	32.57	8.41	8.02	3.3	3.009	99.7
201	11/4/2012 15:45:50	14.10	49.67	32.50	8.53	8.03	4.0	2.954	101.3
202	11/4/2012 16:00:50	14.53	49.75	32.57	8.87	8.05	4.3	2.886	106.4
203	11/4/2012 16:15:50	14.54	49.80	32.61	8.97	8.06	4.3	2.820	107.6
204	11/4/2012 16:30:50	14.56	49.59	32.45	9.01	8.06	4.6	2.742	108.1
205	11/4/2012 16:45:50	14.73	49.47	32.37	8.95	8.06	4.7	2.661	107.6
206	11/4/2012 17:00:50	14.75	49.50	32.39	8.95	8.06	4.7	2.582	107.8
207	11/4/2012 17:15:50	14.77	49.44	32.35	9.06	8.07	4.8	2.510	109.1
208	11/4/2012 17:30:50	14.72	49.48	32.37	8.98	8.06	4.5	2.408	108.0
209	11/4/2012 17:45:50	14.69	49.70	32.54	8.85	8.06	4.8	2.329	106.5
210	11/4/2012 18:00:50	14.65	49.48	32.37	8.82	8.05	6.1	2.262	105.9
211	11/4/2012 18:15:50	14.79	49.51	32.40	8.67	8.04	5.6	2.168	104.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	11/4/2012 18:30:50	14.84	49.59	32.46	8.78	8.05	6.4	2.043	105.9
213	11/4/2012 18:45:50	14.84	49.53	32.41	8.74	8.04	5.4	1.963	105.4
214	11/4/2012 19:00:50	14.96	49.42	32.34	8.78	8.04	6.2	1.883	106.1
215	11/4/2012 19:15:50	14.96	49.48	32.38	8.75	8.04	6.1	1.771	105.8
216	11/4/2012 19:30:50	14.98	49.40	32.32	8.73	8.04	6.0	1.674	105.5
217	11/4/2012 19:45:50	15.03	49.23	32.20	8.77	8.04	5.6	1.607	106.1
218	11/4/2012 20:00:50	15.06	49.51	32.41	8.72	8.04	5.7	1.519	105.6
219	11/4/2012 20:15:50	15.20	49.33	32.28	8.96	8.06	5.1	1.473	108.7
220	11/4/2012 20:30:50	15.19	49.28	32.24	8.84	8.05	5.0	1.414	107.2
221	11/4/2012 20:45:50	15.29	49.23	32.21	8.90	8.05	4.6	1.369	108.1
222	11/4/2012 21:00:50	15.34	49.30	32.26	8.88	8.06	4.2	1.351	108.1
223	11/4/2012 21:15:50	15.43	49.32	32.27	8.98	8.06	4.0	1.328	109.5
224	11/4/2012 21:30:50	15.40	49.26	32.23	9.11	8.07	3.9	1.357	110.9
225	11/4/2012 21:45:50	15.48	49.19	32.18	9.48	8.10	4.0	1.396	115.7
226	11/4/2012 22:00:50	15.45	49.21	32.20	9.50	8.10	4.0	1.425	115.9
227	11/4/2012 22:15:50	15.45	49.15	32.15	9.53	8.09	4.5	1.445	116.2
228	11/4/2012 22:30:50	15.43	49.16	32.16	9.52	8.09	4.5	1.547	116.0
229	11/4/2012 22:45:50	15.48	48.92	31.98	9.23	8.07	5.0	1.602	112.4
230	11/4/2012 23:00:50	15.43	49.10	32.11	9.31	8.08	4.6	1.637	113.4
231	11/4/2012 23:15:50	15.42	48.94	31.99	9.26	8.07	4.5	1.733	112.7
232	11/4/2012 23:30:50	15.42	49.08	32.10	9.15	8.06	4.8	1.768	111.4
233	11/4/2012 23:45:50	15.40	49.14	32.15	9.13	8.06	4.4	1.845	111.1
234	11/5/2012 0:00:50	15.38	49.06	32.09	9.12	8.06	4.9	1.934	111.0
235	11/5/2012 0:15:50	15.34	49.04	32.07	9.03	8.06	4.9	1.954	109.7
236	11/5/2012 0:30:50	15.30	49.10	32.12	8.98	8.05	4.7	2.041	109.0
237	11/5/2012 0:45:50	15.18	49.21	32.19	8.81	8.04	5.0	2.122	106.8
238	11/5/2012 1:00:50	15.10	49.27	32.23	8.59	8.03	5.0	2.155	103.9
239	11/5/2012 1:15:50	15.00	49.35	32.29	8.40	8.01	4.6	2.237	101.5
240	11/5/2012 1:30:50	14.94	49.49	32.39	8.36	8.01	4.6	2.311	101.0
241	11/5/2012 1:45:50	14.89	49.24	32.21	8.36	8.01	4.6	2.381	100.8
242	11/5/2012 2:00:49	14.84	49.35	32.29	8.35	8.01	4.5	2.440	100.6
243	11/5/2012 2:15:49	14.79	49.50	32.40	8.35	8.01	4.7	2.501	100.6
244	11/5/2012 2:30:49	14.72	49.39	32.31	8.33	8.01	4.5	2.563	100.1
245	11/5/2012 2:45:49	14.65	49.43	32.34	8.31	8.01	4.4	2.611	99.7
246	11/5/2012 3:00:49	14.55	49.59	32.45	8.29	8.01	4.3	2.662	99.4
247	11/5/2012 3:15:49	14.48	49.66	32.50	8.29	8.01	4.7	2.719	99.3
248	11/5/2012 3:30:49	14.34	49.60	32.45	8.33	8.01	4.5	2.751	99.5
249	11/5/2012 3:45:49	14.27	49.62	32.47	8.34	8.01	4.0	2.797	99.5
250	11/5/2012 4:00:49	14.23	49.64	32.48	8.30	8.01	4.2	2.830	99.0
251	11/5/2012 4:15:49	14.18	49.70	32.52	8.28	8.01	4.0	2.863	98.5
252	11/5/2012 4:30:49	14.16	49.74	32.55	8.21	8.01	3.7	2.867	97.7
253	11/5/2012 4:45:49	14.29	49.54	32.41	7.97	8.00	4.0	2.869	95.1
254	11/5/2012 5:00:49	14.14	49.67	32.50	8.20	8.01	3.8	2.872	97.5
255	11/5/2012 5:15:49	14.16	49.64	32.48	8.17	8.00	4.2	2.852	97.3
256	11/5/2012 5:30:49	14.19	49.68	32.51	8.18	8.00	3.9	2.810	97.4
257	11/5/2012 5:45:49	14.29	49.65	32.49	8.12	8.00	4.3	2.776	96.8
258	11/5/2012 6:00:49	14.50	49.53	32.40	7.92	7.98	4.4	2.730	94.8
259	11/5/2012 6:15:49	14.56	49.55	32.42	7.73	7.96	4.8	2.688	92.7
260	11/5/2012 6:30:49	14.51	49.60	32.46	7.83	7.97	4.5	2.630	93.8
261	11/5/2012 6:45:49	14.47	49.60	32.46	7.83	7.97	4.8	2.582	93.7
262	11/5/2012 7:00:49	14.44	49.63	32.48	7.88	7.97	4.7	2.539	94.3
263	11/5/2012 7:15:49	14.48	49.51	32.39	7.89	7.98	4.5	2.491	94.5
264	11/5/2012 7:30:49	14.51	49.50	32.38	7.92	7.98	4.5	2.449	94.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	11/5/2012 7:45:49	14.54	49.51	32.39	7.89	7.98	4.3	2.406	94.5
266	11/5/2012 8:00:49	14.62	49.57	32.44	7.88	7.98	4.5	2.373	94.7
267	11/5/2012 8:15:49	14.70	49.33	32.26	7.85	7.97	4.7	2.345	94.3
268	11/5/2012 8:30:49	14.76	49.39	32.31	7.79	7.97	4.3	2.315	93.7
269	11/5/2012 8:45:49	14.80	49.51	32.40	7.77	7.97	4.7	2.290	93.6
270	11/5/2012 9:00:49	14.87	49.19	32.17	7.83	7.97	4.2	2.271	94.3
271	11/5/2012 9:15:49	14.94	49.37	32.30	7.85	7.98	3.9	2.270	94.8
272	11/5/2012 9:30:49	14.96	49.21	32.19	7.76	7.98	4.0	2.265	93.7
273	11/5/2012 9:45:49	14.94	49.36	32.29	7.96	7.98	3.8	2.263	96.1
274	11/5/2012 10:00:49	14.98	49.21	32.19	8.10	7.99	4.1	2.280	97.8
275	11/5/2012 10:15:49	14.92	49.17	32.16	7.97	7.98	3.9	2.295	96.2
276	11/5/2012 10:30:49	14.90	49.28	32.23	8.06	7.99	4.2	2.334	97.2
277	11/5/2012 10:45:49	14.89	49.41	32.33	8.13	7.99	4.5	2.355	98.0
278	11/5/2012 11:00:49	14.84	49.51	32.40	8.09	7.99	4.7	2.396	97.5
279	11/5/2012 11:15:49	14.89	49.14	32.13	8.13	7.99	4.6	2.430	98.0
280	11/5/2012 11:30:49	14.90	49.30	32.25	8.10	7.99	4.5	2.461	97.7
281	11/5/2012 11:45:49	14.76	49.47	32.37	8.14	7.99	4.2	2.511	97.9
282	11/5/2012 12:00:49	14.73	49.22	32.19	8.17	7.99	4.2	2.548	98.1
283	11/5/2012 12:15:49	14.63	49.50	32.39	8.14	7.99	4.2	2.584	97.7
284	11/5/2012 12:30:49	14.57	49.67	32.51	8.14	7.99	4.3	2.646	97.7
285	11/5/2012 12:45:49	14.26	49.67	32.50	8.24	8.00	4.3	2.682	98.2
286	11/5/2012 13:00:49	14.21	49.66	32.49	8.33	8.01	3.9	2.723	99.2
287	11/5/2012 13:15:49	14.15	49.66	32.49	8.39	8.02	3.9	2.775	99.9
288	11/5/2012 13:30:49	14.12	49.75	32.56	8.46	8.02	3.8	2.810	100.7
289	11/5/2012 13:45:49	14.03	49.88	32.65	8.52	8.02	3.9	2.850	101.2
290	11/5/2012 14:00:49	13.92	49.87	32.64	8.51	8.03	3.7	2.895	100.8
291	11/5/2012 14:15:49	13.83	49.87	32.64	8.52	8.03	3.7	2.928	100.9
292	11/5/2012 14:30:49	13.76	49.98	32.71	8.56	8.03	3.4	2.949	101.2
293	11/5/2012 14:45:49	13.72	49.90	32.66	8.56	8.03	3.2	2.983	101.0
294	11/5/2012 15:00:49	14.71	49.72	32.55	8.81	8.05	3.7	1.666	106.1
295	11/5/2012 15:15:49	13.68	49.94	32.68	8.64	8.03	3.6	3.010	102.0
296	11/5/2012 15:30:49	13.80	49.95	32.69	8.53	8.02	3.9	3.013	100.9
297	11/5/2012 15:45:49	13.72	49.98	32.71	8.52	8.03	3.3	3.004	100.7
298	11/5/2012 16:00:49	13.75	50.01	32.73	8.52	8.03	3.3	2.995	100.7
299	11/5/2012 16:15:49	13.81	49.95	32.69	8.50	8.03	3.5	2.942	100.6
300	11/5/2012 16:30:49	13.97	49.98	32.72	8.48	8.02	3.8	2.879	100.7
301	11/5/2012 16:45:49	14.36	49.74	32.56	8.61	8.03	3.9	2.846	102.9
302	11/5/2012 17:00:49	14.44	49.77	32.58	8.60	8.03	4.5	2.782	103.0
303	11/5/2012 17:15:49	14.80	49.45	32.36	8.73	8.04	4.3	2.713	105.1
304	11/5/2012 17:30:49	14.88	49.65	32.50	8.71	8.05	4.5	2.646	105.1
305	11/5/2012 17:45:49	14.93	49.45	32.36	8.73	8.05	5.4	2.572	105.5
306	11/5/2012 18:00:49	14.99	49.53	32.42	8.79	8.05	5.3	2.501	106.3
307	11/5/2012 18:15:49	14.92	49.39	32.31	8.64	8.04	4.5	2.417	104.3
308	11/5/2012 18:30:49	14.94	49.58	32.46	8.61	8.04	4.6	2.327	104.1
309	11/5/2012 18:45:49	14.92	49.48	32.38	8.60	8.04	4.6	2.240	103.8
310	11/5/2012 19:00:49	14.92	49.55	32.43	8.57	8.03	4.7	2.172	103.6
311	11/5/2012 19:15:49	14.98	49.40	32.32	8.61	8.04	5.1	2.081	104.0
312	11/5/2012 19:30:49	15.01	49.50	32.40	8.64	8.04	5.6	1.990	104.6
313	11/5/2012 19:45:49	15.07	49.46	32.37	8.72	8.05	5.2	1.917	105.6
314	11/5/2012 20:00:49	15.10	49.51	32.41	8.72	8.05	5.2	1.830	105.7
315	11/5/2012 20:15:49	15.21	49.30	32.26	8.78	8.05	5.1	1.761	106.6
316	11/5/2012 20:30:49	15.33	49.38	32.31	8.85	8.06	4.9	1.686	107.7
317	11/5/2012 20:45:49	15.36	49.24	32.22	8.91	8.06	4.9	1.608	108.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	11/5/2012 21:00:49	15.48	49.18	32.18	9.04	8.07	4.8	1.555	110.3
319	11/5/2012 21:15:49	15.52	49.26	32.24	9.00	8.07	4.3	1.473	109.8
320	11/5/2012 21:30:49	15.56	49.27	32.24	9.06	8.08	4.2	1.466	110.8
321	11/5/2012 21:45:49	15.64	49.12	32.13	8.80	8.07	4.5	1.434	107.7
322	11/5/2012 22:00:49	15.67	49.20	32.20	9.07	8.08	3.9	1.403	111.0
323	11/5/2012 22:15:49	15.68	49.25	32.23	9.18	8.08	3.6	1.424	112.5
324	11/5/2012 22:30:49	15.66	49.27	32.25	9.28	8.10	3.8	1.442	113.7
325	11/5/2012 22:45:49	15.61	49.26	32.24	9.23	8.09	3.9	1.450	113.0
326	11/5/2012 23:00:49	15.60	49.25	32.22	9.16	8.09	4.0	1.493	112.0
327	11/5/2012 23:15:49	15.60	49.35	32.30	9.22	8.09	4.1	1.550	112.8
328	11/5/2012 23:30:49	15.59	49.25	32.23	9.20	8.08	4.3	1.598	112.4
329	11/5/2012 23:45:49	15.62	49.18	32.18	9.03	8.07	4.6	1.645	110.5
330	11/6/2012 0:00:49	15.58	49.08	32.10	9.01	8.07	4.3	1.730	110.1
331	11/6/2012 0:15:49	15.58	49.17	32.17	8.96	8.07	4.3	1.796	109.4
332	11/6/2012 0:30:49	15.59	49.21	32.20	8.89	8.06	4.4	1.838	108.7
333	11/6/2012 0:45:49	15.57	49.18	32.18	8.89	8.06	4.3	1.912	108.6
334	11/6/2012 1:00:49	15.54	49.28	32.25	8.86	8.06	4.3	1.971	108.3
335	11/6/2012 1:15:49	15.49	49.18	32.18	8.81	8.06	4.4	2.034	107.5
336	11/6/2012 1:30:49	15.41	49.23	32.21	8.71	8.05	4.5	2.100	106.1
337	11/6/2012 1:45:49	15.28	49.31	32.26	8.54	8.04	4.8	2.170	103.7
338	11/6/2012 2:00:49	15.16	49.30	32.26	8.37	8.02	4.7	2.222	101.4
339	11/6/2012 2:15:49	15.09	49.41	32.33	8.28	8.02	4.6	2.287	100.3
340	11/6/2012 2:30:49	15.03	49.42	32.34	8.26	8.01	4.4	2.354	100.0
341	11/6/2012 2:45:49	14.96	49.56	32.44	8.26	8.01	4.3	2.411	99.9
342	11/6/2012 3:00:49	14.90	49.44	32.35	8.28	8.01	4.6	2.480	99.9
343	11/6/2012 3:15:49	14.78	49.67	32.51	8.26	8.01	4.5	2.542	99.5
344	11/6/2012 3:30:49	14.66	49.46	32.36	8.24	8.01	4.6	2.593	99.0
345	11/6/2012 3:45:49	14.58	49.74	32.56	8.24	8.01	4.7	2.657	98.9
346	11/6/2012 4:00:49	14.43	49.73	32.55	8.27	8.02	4.7	2.724	99.0
347	11/6/2012 4:15:49	14.29	49.56	32.42	8.32	8.02	4.6	2.770	99.2
348	11/6/2012 4:30:49	14.16	49.78	32.58	8.33	8.02	4.6	2.821	99.2
349	11/6/2012 4:45:49	14.08	49.73	32.54	8.34	8.02	4.2	2.860	99.1
350	11/6/2012 5:00:49	13.96	49.69	32.51	8.37	8.03	4.0	2.908	99.2
351	11/6/2012 5:15:49	13.89	49.91	32.66	8.32	8.03	3.6	2.936	98.6
352	11/6/2012 5:30:49	14.02	49.87	32.64	8.25	8.02	4.0	2.956	98.0
353	11/6/2012 5:45:49	13.91	49.98	32.72	8.28	8.02	4.1	2.957	98.2
354	11/6/2012 6:00:49	13.88	49.97	32.71	8.24	8.02	3.6	2.932	97.6
355	11/6/2012 6:15:49	13.95	49.93	32.68	8.17	8.02	3.6	2.893	96.9
356	11/6/2012 6:30:49	14.04	49.80	32.59	8.13	8.01	4.0	2.879	96.5
357	11/6/2012 6:45:49	14.24	49.65	32.48	7.86	7.99	4.3	2.843	93.7
358	11/6/2012 7:00:49	14.31	49.55	32.42	7.86	7.98	4.8	2.783	93.7
359	11/6/2012 7:15:49	14.36	49.63	32.48	7.82	7.98	4.6	2.729	93.5
360	11/6/2012 7:30:49	14.33	49.69	32.52	7.86	7.98	4.5	2.679	93.9
361	11/6/2012 7:45:49	14.31	49.63	32.47	7.92	7.99	4.5	2.617	94.5
362	11/6/2012 8:00:49	14.35	49.59	32.45	7.93	7.99	4.8	2.576	94.7
363	11/6/2012 8:15:49	14.33	49.75	32.56	7.94	7.99	4.2	2.533	94.9
364	11/6/2012 8:30:49	14.47	49.59	32.45	7.92	7.99	3.9	2.485	94.8
365	11/6/2012 8:45:49	14.55	49.65	32.50	7.93	7.99	4.1	2.447	95.1
366	11/6/2012 9:00:49	14.59	49.63	32.48	7.97	7.99	4.2	2.425	95.7
367	11/6/2012 9:15:49	14.68	49.45	32.36	7.94	7.99	4.2	2.384	95.4
368	11/6/2012 9:30:49	14.73	49.63	32.48	7.97	7.99	4.4	2.342	96.0
369	11/6/2012 9:45:49	14.80	49.50	32.40	7.98	7.99	4.2	2.321	96.2
370	11/6/2012 10:00:49	14.87	49.45	32.35	8.02	7.99	4.3	2.293	96.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	11/6/2012 10:15:49	14.95	49.33	32.27	8.14	8.00	4.0	2.287	98.2
372	11/6/2012 10:30:49	15.02	49.44	32.36	8.20	8.01	3.6	2.270	99.2
373	11/6/2012 10:45:49	15.06	49.27	32.23	8.15	8.00	3.8	2.264	98.5
374	11/6/2012 11:00:49	15.10	49.37	32.31	7.96	7.99	3.7	2.251	96.5
375	11/6/2012 11:15:49	15.09	49.31	32.26	8.13	8.00	4.0	2.263	98.5
376	11/6/2012 11:30:49	15.00	49.46	32.36	8.12	8.00	3.8	2.286	98.2
377	11/6/2012 11:45:49	15.01	49.13	32.13	8.09	8.00	4.3	2.304	97.7
378	11/6/2012 12:00:49	14.99	49.28	32.23	8.07	8.00	4.0	2.330	97.5
379	11/6/2012 12:15:49	15.03	49.47	32.38	8.11	8.00	4.0	2.365	98.1
380	11/6/2012 12:30:49	14.97	49.39	32.32	8.09	8.00	4.2	2.398	97.8
381	11/6/2012 12:45:49	15.09	49.22	32.19	8.11	8.00	4.1	2.443	98.1
382	11/6/2012 13:00:49	14.89	49.48	32.38	8.09	8.00	3.9	2.477	97.6
383	11/6/2012 13:15:49	14.78	49.57	32.44	8.12	8.00	4.0	2.517	97.8
384	11/6/2012 13:30:49	14.66	49.46	32.36	8.11	8.00	3.9	2.560	97.4
385	11/6/2012 13:45:49	14.56	49.54	32.42	8.11	8.00	3.9	2.599	97.2
386	11/6/2012 14:00:49	14.46	49.61	32.46	8.13	8.00	4.1	2.629	97.3
387	11/6/2012 14:15:49	14.39	49.69	32.52	8.15	8.00	4.3	2.669	97.4
388	11/6/2012 14:30:49	14.32	49.76	32.57	8.21	8.01	3.9	2.704	98.0
389	11/6/2012 14:45:49	14.26	49.78	32.58	8.29	8.01	3.8	2.744	98.9
390	11/6/2012 15:00:49	14.24	49.91	32.68	8.30	8.02	3.8	2.778	99.0
391	11/6/2012 15:15:49	14.24	49.77	32.58	8.33	8.02	3.7	2.813	99.3
392	11/6/2012 15:30:49	14.15	49.81	32.60	8.37	8.02	3.5	2.844	99.7
393	11/6/2012 15:45:49	14.15	49.80	32.59	8.35	8.03	3.5	2.864	99.3
394	11/6/2012 16:00:49	14.36	49.81	32.61	8.35	8.02	3.5	2.879	99.9
395	11/6/2012 16:15:49	14.37	49.86	32.65	8.36	8.02	3.5	2.889	100.0
396	11/6/2012 16:30:49	14.32	49.85	32.63	8.19	8.02	3.7	2.896	97.9
397	11/6/2012 16:45:49	14.23	49.89	32.66	8.13	8.00	3.3	2.895	97.0
398	11/6/2012 17:00:49	14.18	49.85	32.63	8.15	8.01	3.3	2.891	97.1
399	11/6/2012 17:15:49	14.19	49.90	32.67	8.18	8.01	3.2	2.863	97.5
400	11/6/2012 17:30:49	14.20	49.70	32.52	8.25	8.01	3.9	2.833	98.3
401	11/6/2012 17:45:49	14.30	49.82	32.61	8.15	8.01	3.6	2.789	97.3
402	11/6/2012 18:00:49	14.41	49.57	32.43	8.18	8.01	3.7	2.740	97.8
403	11/6/2012 18:15:49	14.69	49.60	32.46	8.30	8.03	4.2	2.681	99.8
404	11/6/2012 18:30:49	14.77	49.76	32.58	8.13	8.02	4.2	2.622	98.0
405	11/6/2012 18:45:49	14.83	49.64	32.49	8.07	8.01	4.1	2.544	97.3
406	11/6/2012 19:00:49	14.85	49.66	32.51	8.09	8.01	4.5	2.469	97.6
407	11/6/2012 19:15:49	14.87	49.46	32.37	8.13	8.01	4.7	2.402	98.1
408	11/6/2012 19:30:49	15.03	49.55	32.43	8.31	8.02	4.7	2.334	100.6
409	11/6/2012 19:45:49	15.00	49.37	32.30	8.27	8.02	4.7	2.248	99.9
410	11/6/2012 20:00:49	15.03	49.56	32.44	8.37	8.03	4.8	2.170	101.3
411	11/6/2012 20:15:49	15.17	49.47	32.38	8.26	8.03	5.3	2.089	100.2
412	11/6/2012 20:30:49	15.12	49.44	32.36	8.33	8.03	5.1	2.007	100.9
413	11/6/2012 20:45:49	15.24	49.45	32.37	8.49	8.05	4.8	1.932	103.2
414	11/6/2012 21:00:49	15.16	49.47	32.38	8.33	8.04	5.2	1.850	101.1
415	11/6/2012 21:15:49	15.28	49.47	32.38	8.48	8.05	5.1	1.781	103.1
416	11/6/2012 21:30:49	15.34	49.38	32.31	8.50	8.05	5.0	1.726	103.5
417	11/6/2012 21:45:49	15.34	49.31	32.26	8.51	8.05	5.1	1.650	103.6
418	11/6/2012 22:00:49	15.42	49.23	32.21	8.65	8.06	4.6	1.614	105.4
419	11/6/2012 22:15:49	15.56	49.31	32.27	8.83	8.08	4.3	1.577	107.9
420	11/6/2012 22:30:49	15.67	49.29	32.26	8.94	8.09	4.0	1.544	109.5
421	11/6/2012 22:45:49	15.69	49.13	32.14	8.89	8.09	3.9	1.537	108.9
422	11/6/2012 23:00:49	15.73	49.17	32.17	9.08	8.09	4.0	1.528	111.3
423	11/6/2012 23:15:49	15.71	49.22	32.20	9.16	8.10	4.1	1.533	112.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	11/6/2012 23:30:49	15.71	49.31	32.27	9.19	8.11	3.9	1.560	112.7
425	11/6/2012 23:45:49	15.71	49.15	32.15	9.21	8.12	3.6	1.570	112.8
426	11/7/2012 0:00:49	15.70	49.20	32.19	9.24	8.12	3.9	1.610	113.1
427	11/7/2012 0:15:49	15.71	49.21	32.20	9.23	8.12	4.0	1.655	113.1
428	11/7/2012 0:30:49	15.64	48.61	31.76	9.00	8.09	4.1	1.696	109.8
429	11/7/2012 0:45:49	15.59	47.45	30.92	8.92	8.08	4.1	1.751	108.1
430	11/7/2012 1:00:49	15.64	49.28	32.25	8.92	8.09	4.2	1.798	109.2
431	11/7/2012 1:15:49	15.64	49.07	32.10	8.82	8.08	4.6	1.855	107.8
432	11/7/2012 1:30:49	15.59	49.33	32.29	8.82	8.08	4.1	1.920	107.9
433	11/7/2012 1:45:49	15.58	49.29	32.26	8.80	8.08	4.2	1.982	107.6
434	11/7/2012 2:00:49	15.55	49.25	32.22	8.72	8.07	4.1	2.038	106.6
435	11/7/2012 2:15:49	15.49	49.35	32.30	8.61	8.06	4.2	2.108	105.1
436	11/7/2012 2:30:49	15.40	49.21	32.19	8.50	8.05	4.5	2.183	103.6
437	11/7/2012 2:45:49	15.25	49.42	32.35	8.29	8.03	4.6	2.247	100.8
438	11/7/2012 3:00:49	15.11	49.43	32.35	8.19	8.02	4.7	2.317	99.2
439	11/7/2012 3:15:49	15.02	49.47	32.38	8.11	8.02	4.9	2.391	98.1
440	11/7/2012 3:30:49	14.93	49.40	32.33	8.12	8.02	4.5	2.459	98.0
441	11/7/2012 3:45:49	14.89	49.57	32.45	8.12	8.01	4.5	2.526	98.0
442	11/7/2012 4:00:48	14.85	49.60	32.46	8.11	8.02	4.3	2.586	97.8
443	11/7/2012 4:15:48	14.71	49.56	32.43	8.11	8.01	4.5	2.656	97.5
444	11/7/2012 4:30:48	14.59	49.74	32.56	8.11	8.01	4.8	2.720	97.4
445	11/7/2012 4:45:48	14.48	49.64	32.49	8.12	8.02	4.6	2.774	97.2
446	11/7/2012 5:00:48	14.33	49.75	32.56	8.15	8.02	4.8	2.829	97.4
447	11/7/2012 5:15:48	14.20	49.72	32.53	8.18	8.02	4.7	2.882	97.5
448	11/7/2012 5:30:48	14.10	49.70	32.52	8.20	8.02	4.5	2.924	97.4
449	11/7/2012 5:45:48	14.03	49.62	32.46	8.21	8.02	4.5	2.969	97.5
450	11/7/2012 6:00:48	14.01	49.64	32.47	8.16	8.02	3.7	2.989	96.8
451	11/7/2012 6:15:48	13.98	49.72	32.53	8.10	8.01	3.6	3.011	96.1
452	11/7/2012 6:30:48	14.06	49.61	32.45	8.00	8.01	3.8	3.024	95.0
453	11/7/2012 6:45:48	13.98	49.72	32.53	8.06	8.01	3.9	3.016	95.6
454	11/7/2012 7:00:48	13.97	49.75	32.55	8.08	8.01	4.0	2.989	95.9
455	11/7/2012 7:15:48	14.11	49.77	32.57	7.97	8.00	6.8	2.958	94.7
456	11/7/2012 7:30:48	14.15	49.70	32.52	7.89	8.00	7.6	2.917	93.9
457	11/7/2012 7:45:48	14.09	49.56	32.42	7.94	8.00	9.1	2.858	94.3
458	11/7/2012 8:00:48	14.05	49.59	32.44	7.97	8.01	10.7	2.799	94.6
459	11/7/2012 8:15:48	14.02	49.60	32.45	7.96	8.01	10.7	2.729	94.5
460	11/7/2012 8:30:48	14.05	49.56	32.41	7.99	8.01	10.6	2.674	94.8
461	11/7/2012 8:45:48	14.06	49.72	32.53	8.04	8.01	13.0	2.610	95.5
462	11/7/2012 9:00:48	14.11	49.76	32.56	8.09	8.01	10.4	2.547	96.2
463	11/7/2012 9:15:48	14.24	49.73	32.54	8.14	8.02	10.1	2.494	97.0
464	11/7/2012 9:30:48	14.34	49.77	32.57	8.16	8.02	8.4	2.438	97.5
465	11/7/2012 9:45:48	14.41	49.75	32.56	8.21	8.03	7.2	2.385	98.2
466	11/7/2012 10:00:48	14.41	49.75	32.56	8.27	8.03	6.6	2.336	99.0
467	11/7/2012 10:15:48	14.55	49.65	32.50	8.27	8.03	7.0	2.291	99.2
468	11/7/2012 10:30:48	14.68	49.49	32.38	8.30	8.04	7.0	2.240	99.7
469	11/7/2012 10:45:48	14.80	49.63	32.49	8.32	8.04	6.2	2.204	100.3
470	11/7/2012 11:00:48	14.92	49.54	32.43	8.41	8.06	7.0	2.173	101.6
471	11/7/2012 11:15:48	15.01	49.51	32.40	8.46	8.06	6.5	2.140	102.3
472	11/7/2012 11:30:48	15.09	49.49	32.39	8.46	8.06	6.4	2.113	102.5
473	11/7/2012 11:45:48	15.14	49.43	32.35	8.50	8.07	5.9	2.099	103.1
474	11/7/2012 12:00:48	15.21	49.33	32.28	8.45	8.07	6.1	2.093	102.5
475	11/7/2012 12:15:48	15.27	49.41	32.34	8.25	8.06	5.7	2.093	100.3
476	11/7/2012 12:30:48	15.30	49.37	32.31	8.29	8.05	6.0	2.100	100.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	11/7/2012 12:45:48	15.29	49.43	32.35	8.34	8.06	5.9	2.118	101.5
478	11/7/2012 13:00:48	15.24	49.36	32.30	8.21	8.05	6.2	2.151	99.8
479	11/7/2012 13:15:48	15.22	49.32	32.27	8.17	8.04	5.9	2.182	99.1
480	11/7/2012 13:30:48	15.05	49.33	32.27	8.09	8.03	5.8	2.225	97.8
481	11/7/2012 13:45:48	14.97	49.30	32.25	8.06	8.02	6.0	2.268	97.3
482	11/7/2012 14:00:48	14.96	49.25	32.22	8.04	8.02	6.1	2.321	97.1
483	11/7/2012 14:15:48	15.10	49.45	32.37	8.04	8.02	5.9	2.363	97.5
484	11/7/2012 14:30:48	15.07	49.34	32.28	8.02	8.02	6.1	2.410	97.1
485	11/7/2012 14:45:48	14.99	49.52	32.41	8.00	8.01	5.3	2.454	96.8
486	11/7/2012 15:00:48	14.98	49.58	32.46	8.01	8.01	5.3	2.500	96.9
487	11/7/2012 15:15:48	14.88	49.53	32.42	7.95	8.01	5.3	2.547	96.0
488	11/7/2012 15:30:48	14.76	49.36	32.29	7.95	8.00	5.2	2.595	95.6
489	11/7/2012 15:45:48	14.70	49.55	32.42	7.98	8.01	5.0	2.631	96.0
490	11/7/2012 16:00:48	14.58	49.63	32.48	8.00	8.01	5.0	2.672	96.0
491	11/7/2012 16:15:48	14.48	49.62	32.47	8.02	8.01	4.5	2.714	96.1
492	11/7/2012 16:30:48	14.45	49.62	32.47	8.05	8.01	4.4	2.754	96.3
493	11/7/2012 16:45:48	14.34	49.64	32.48	8.06	8.01	4.3	2.786	96.3
494	11/7/2012 17:00:48	14.30	49.63	32.48	8.04	8.01	4.4	2.812	95.9
495	11/7/2012 17:15:48	14.29	49.73	32.55	8.02	8.01	4.3	2.838	95.8
496	11/7/2012 17:30:48	14.26	49.69	32.51	7.91	8.00	3.9	2.854	94.3
497	11/7/2012 17:45:48	14.26	49.66	32.49	7.81	7.98	3.9	2.864	93.2
498	11/7/2012 18:00:48	14.26	49.73	32.55	7.89	8.00	4.2	2.850	94.1
499	11/7/2012 18:15:48	14.29	49.70	32.52	7.86	8.00	4.1	2.839	93.8
500	11/7/2012 18:30:48	14.30	49.68	32.51	7.88	8.00	3.9	2.822	94.1
501	11/7/2012 18:45:48	14.40	49.57	32.43	7.80	8.00	6.2	2.771	93.2
502	11/7/2012 19:00:48	14.40	49.62	32.47	7.70	7.99	7.1	2.719	92.1
503	11/7/2012 19:15:48	14.36	49.64	32.48	7.68	7.99	7.8	2.670	91.7
504	11/7/2012 19:30:48	14.35	49.65	32.49	7.69	7.99	7.2	2.613	91.9
505	11/7/2012 19:45:48	14.33	49.59	32.45	7.70	7.99	7.0	2.542	91.9
506	11/7/2012 20:00:48	14.34	49.62	32.47	7.70	7.99	6.5	2.470	91.9
507	11/7/2012 20:15:48	14.41	49.46	32.36	7.74	7.99	7.0	2.398	92.5
508	11/7/2012 20:30:48	14.43	49.57	32.43	7.80	8.00	8.6	2.328	93.2
509	11/7/2012 20:45:48	14.44	49.48	32.37	7.77	8.00	8.0	2.261	92.9
510	11/7/2012 21:00:48	14.27	49.64	32.48	7.74	7.99	7.6	2.181	92.3
511	11/7/2012 21:15:48	14.35	49.53	32.40	7.75	8.00	8.7	2.111	92.6
512	11/7/2012 21:30:48	14.58	49.45	32.35	7.80	8.01	9.1	2.042	93.5
513	11/7/2012 21:45:48	14.61	49.48	32.38	7.86	8.02	9.5	1.975	94.3
514	11/7/2012 22:00:48	14.61	49.38	32.30	7.84	8.02	9.2	1.890	94.0
515	11/7/2012 22:15:48	14.53	49.49	32.38	7.79	8.01	9.5	1.828	93.4
516	11/7/2012 22:30:48	14.60	49.46	32.36	7.82	8.02	9.3	1.771	93.9
517	11/7/2012 22:45:48	14.68	49.44	32.35	7.85	8.03	9.3	1.709	94.3
518	11/7/2012 23:00:48	14.76	49.33	32.27	7.90	8.04	8.9	1.655	95.1
519	11/7/2012 23:15:48	14.90	49.35	32.29	7.91	8.05	9.4	1.615	95.4
520	11/7/2012 23:30:48	14.95	49.06	32.08	7.96	8.05	9.3	1.580	96.0
521	11/7/2012 23:45:48	15.03	49.24	32.21	7.94	8.07	9.2	1.568	95.9
522	11/8/2012 0:00:48	15.06	49.23	32.20	7.99	8.07	8.4	1.556	96.7
523	11/8/2012 0:15:48	15.02	49.24	32.21	7.82	8.06	7.8	1.562	94.5
524	11/8/2012 0:30:48	14.99	49.22	32.19	7.94	8.07	8.3	1.577	95.9
525	11/8/2012 0:45:48	14.98	49.27	32.23	7.99	8.07	7.8	1.606	96.5
526	11/8/2012 1:00:48	15.00	49.24	32.21	7.99	8.07	9.0	1.643	96.6
527	11/8/2012 1:15:48	15.01	49.21	32.19	8.00	8.07	9.1	1.686	96.7
528	11/8/2012 1:30:48	14.99	49.21	32.19	7.98	8.07	9.2	1.745	96.4
529	11/8/2012 1:45:48	14.90	49.15	32.14	7.91	8.06	8.7	1.802	95.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
530	11/8/2012 2:00:48	14.84	49.11	32.11	7.89	8.05	8.6	1.867	95.0
531	11/8/2012 2:15:48	14.79	48.94	31.98	7.88	8.04	8.3	1.927	94.6
532	11/8/2012 2:30:48	14.77	48.89	31.95	7.87	8.04	8.3	1.997	94.4
533	11/8/2012 2:45:48	14.75	48.96	32.00	7.87	8.03	8.9	2.060	94.5
534	11/8/2012 3:00:48	14.73	49.24	32.20	7.85	8.03	7.8	2.126	94.3
535	11/8/2012 3:15:48	14.72	49.25	32.21	7.82	8.02	7.4	2.202	93.9
536	11/8/2012 3:30:48	14.58	49.20	32.17	7.82	8.01	7.8	2.271	93.6
537	11/8/2012 3:45:48	14.52	49.51	32.39	7.86	8.01	6.3	2.339	94.1
538	11/8/2012 4:00:48	14.50	49.48	32.37	7.87	8.01	5.7	2.412	94.2
539	11/8/2012 4:15:48	14.45	49.50	32.39	7.89	8.01	6.1	2.484	94.4
540	11/8/2012 4:30:48	14.38	49.55	32.42	7.90	8.01	6.7	2.561	94.4
541	11/8/2012 4:45:48	14.28	49.66	32.49	7.90	8.01	6.9	2.631	94.2
542	11/8/2012 5:00:48	14.20	49.52	32.39	7.93	8.01	7.0	2.707	94.3
543	11/8/2012 5:15:48	14.12	49.64	32.48	7.93	8.01	6.8	2.776	94.2
544	11/8/2012 5:30:48	13.91	49.61	32.45	8.00	8.01	7.8	2.845	94.7
545	11/8/2012 5:45:48	13.77	49.85	32.62	8.04	8.01	7.3	2.918	95.0
546	11/8/2012 6:00:48	13.67	49.80	32.58	8.08	8.01	7.0	2.986	95.3
547	11/8/2012 6:15:48	13.56	49.88	32.63	8.12	8.01	5.9	3.043	95.5
548	11/8/2012 6:30:48	13.47	50.02	32.73	8.12	8.01	5.6	3.100	95.4
549	11/8/2012 6:45:48	13.42	49.97	32.69	8.11	8.01	5.0	3.134	95.2
550	11/8/2012 7:00:48	13.39	49.95	32.68	8.01	8.01	4.3	3.160	94.0
551	11/8/2012 7:15:48	13.57	49.87	32.63	7.96	8.00	5.4	3.179	93.7
552	11/8/2012 7:30:48	13.52	49.99	32.71	7.76	7.99	4.4	3.160	91.3
553	11/8/2012 7:45:48	13.46	49.88	32.63	8.00	8.01	4.8	3.149	93.9
554	11/8/2012 8:00:48	13.46	49.98	32.70	7.98	8.01	5.7	3.108	93.7
555	11/8/2012 8:15:48	13.63	49.53	32.38	7.90	8.00	5.7	3.051	92.9
556	11/8/2012 8:30:48	13.64	49.50	32.36	7.89	8.00	5.5	2.981	92.8
557	11/8/2012 8:45:48	13.63	49.38	32.27	7.82	7.99	5.9	2.910	92.0
558	11/8/2012 9:00:48	13.59	49.57	32.41	7.87	8.00	5.8	2.835	92.5
559	11/8/2012 9:15:48	13.64	49.62	32.45	7.90	8.00	5.6	2.746	93.0
560	11/8/2012 9:30:48	13.77	49.53	32.38	7.80	8.00	5.0	2.675	92.1
561	11/8/2012 9:45:48	13.84	49.56	32.41	7.82	8.00	5.4	2.609	92.4
562	11/8/2012 10:00:48	13.93	49.46	32.34	7.72	8.00	5.2	2.530	91.4
563	11/8/2012 10:15:48	13.97	49.34	32.25	7.74	8.00	5.1	2.469	91.6
564	11/8/2012 10:30:48	13.98	49.33	32.25	7.74	8.00	5.1	2.406	91.7
565	11/8/2012 10:45:48	13.98	49.20	32.15	7.67	8.00	5.1	2.339	90.8
566	11/8/2012 11:00:48	13.98	49.31	32.23	7.79	8.01	5.8	2.282	92.2
567	11/8/2012 11:15:48	14.07	49.34	32.25	7.86	8.02	5.5	2.205	93.3
568	11/8/2012 11:30:48	14.07	49.37	32.28	7.96	8.02	5.5	2.161	94.5
569	11/8/2012 11:45:48	14.16	49.20	32.16	7.92	8.03	5.3	2.107	94.0
570	11/8/2012 12:00:48	14.19	49.21	32.16	7.99	8.04	5.5	2.047	95.0
571	11/8/2012 12:15:48	14.22	49.34	32.26	8.07	8.04	5.3	2.003	96.0
572	11/8/2012 12:30:48	14.28	49.14	32.12	8.04	8.05	5.3	1.956	95.7
573	11/8/2012 12:45:48	14.30	49.27	32.21	8.03	8.05	5.1	1.939	95.6
574	11/8/2012 13:00:48	14.32	49.16	32.13	8.01	8.05	4.9	1.911	95.4
575	11/8/2012 13:15:48	14.33	49.25	32.19	7.83	8.04	5.0	1.906	93.3
576	11/8/2012 13:30:48	14.32	49.18	32.14	7.93	8.04	5.1	1.923	94.5
577	11/8/2012 13:45:48	14.33	49.09	32.08	7.89	8.04	5.0	1.929	94.0
578	11/8/2012 14:00:48	14.33	49.26	32.20	7.86	8.04	5.0	1.962	93.7
579	11/8/2012 14:15:48	14.30	49.01	32.03	7.87	8.03	5.4	2.000	93.6
580	11/8/2012 14:30:48	14.27	49.17	32.14	7.81	8.02	5.2	2.048	92.9
581	11/8/2012 14:45:48	14.15	49.10	32.08	7.77	8.01	6.1	2.123	92.2
582	11/8/2012 15:00:48	14.20	49.05	32.05	7.77	8.01	5.4	2.168	92.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	11/8/2012 15:15:48	14.20	49.23	32.18	7.78	8.01	5.0	2.228	92.4
584	11/8/2012 15:30:48	14.19	49.11	32.09	7.78	8.01	5.3	2.278	92.4
585	11/8/2012 15:45:48	14.15	49.17	32.14	7.77	8.00	5.0	2.331	92.2
586	11/8/2012 16:00:48	14.09	49.35	32.27	7.73	8.00	4.9	2.387	91.8
587	11/8/2012 16:15:48	14.03	49.24	32.18	7.74	8.00	4.9	2.429	91.7
588	11/8/2012 16:30:48	14.00	49.37	32.28	7.80	8.00	5.0	2.486	92.4
589	11/8/2012 16:45:48	13.97	49.37	32.27	7.83	8.00	4.6	2.529	92.7
590	11/8/2012 17:00:48	13.95	49.52	32.38	7.85	8.00	4.5	2.574	92.9
591	11/8/2012 17:15:48	13.94	49.37	32.27	7.85	8.00	4.6	2.630	92.9
592	11/8/2012 17:30:48	13.94	49.42	32.31	7.85	8.00	4.5	2.677	92.9
593	11/8/2012 17:45:48	13.90	49.46	32.34	7.86	8.01	4.5	2.725	93.0
594	11/8/2012 18:00:48	13.86	49.60	32.44	7.85	8.00	4.3	2.756	92.9
595	11/8/2012 18:15:48	13.82	49.43	32.31	7.85	8.00	4.0	2.803	92.7
596	11/8/2012 18:30:48	13.78	49.50	32.36	7.87	8.00	3.9	2.832	92.8
597	11/8/2012 18:45:48	13.79	49.57	32.41	7.72	7.99	4.5	2.845	91.2
598	11/8/2012 19:00:48	13.79	49.49	32.36	7.74	8.00	4.5	2.863	91.4
599	11/8/2012 19:15:48	13.82	49.54	32.39	7.54	7.98	4.5	2.861	89.0
600	11/8/2012 19:30:48	13.76	49.57	32.41	7.69	7.99	3.9	2.851	90.7
601	11/8/2012 19:45:48	13.73	49.30	32.22	7.69	7.99	4.3	2.809	90.5
602	11/8/2012 20:00:48	13.65	49.32	32.23	7.54	7.97	4.7	2.780	88.6
603	11/8/2012 20:15:48	13.61	49.38	32.27	7.47	7.97	5.0	2.736	87.8
604	11/8/2012 20:30:48	13.61	49.45	32.32	7.51	7.98	5.7	2.664	88.3
605	11/8/2012 20:45:48	13.59	49.25	32.18	7.61	8.00	5.7	2.611	89.3
606	11/8/2012 21:00:48	13.52	49.28	32.19	7.77	8.04	5.7	2.533	91.1
607	11/8/2012 21:15:48	13.53	49.24	32.16	7.74	8.02	6.1	2.456	90.8
608	11/8/2012 21:30:48	13.55	49.27	32.19	7.68	8.01	5.7	2.390	90.1
609	11/8/2012 21:45:48	13.55	49.34	32.24	7.71	8.02	5.9	2.310	90.5
610	11/8/2012 22:00:48	13.51	49.26	32.18	7.77	8.01	5.6	2.232	91.1
611	11/8/2012 22:15:48	13.52	49.31	32.22	7.75	8.02	5.6	2.164	90.8
612	11/8/2012 22:30:48	13.60	49.16	32.11	7.79	8.03	5.6	2.099	91.4
613	11/8/2012 22:45:48	13.54	49.34	32.24	7.76	8.02	5.9	2.023	91.0
614	11/8/2012 23:00:48	13.45	49.21	32.14	7.69	8.01	5.7	1.938	90.0
615	11/8/2012 23:15:48	13.38	49.38	32.26	7.69	8.02	6.1	1.877	90.0
616	11/8/2012 23:30:48	13.43	49.05	32.03	7.73	8.02	5.9	1.811	90.4
617	11/8/2012 23:45:48	13.39	49.33	32.23	7.67	8.02	5.9	1.739	89.7
618	11/9/2012 0:00:48	13.43	49.32	32.22	7.65	8.02	5.7	1.686	89.5
619	11/9/2012 0:15:48	13.46	48.97	31.97	7.67	8.03	5.9	1.655	89.7
620	11/9/2012 0:30:48	13.52	49.26	32.18	7.61	8.03	5.0	1.608	89.2
621	11/9/2012 0:45:48	13.52	49.16	32.11	7.69	8.04	5.4	1.587	90.1
622	11/9/2012 1:00:48	13.52	49.16	32.11	7.82	8.06	4.8	1.610	91.6
623	11/9/2012 1:15:48	13.48	49.16	32.11	7.78	8.05	4.8	1.603	91.1
624	11/9/2012 1:30:48	13.54	49.08	32.05	7.88	8.06	5.0	1.623	92.4
625	11/9/2012 1:45:48	13.51	49.16	32.10	7.87	8.06	5.1	1.664	92.3
626	11/9/2012 2:00:48	13.55	49.08	32.05	7.87	8.06	5.3	1.722	92.3
627	11/9/2012 2:15:48	13.52	49.15	32.10	7.83	8.05	5.3	1.748	91.8
628	11/9/2012 2:30:48	13.36	48.67	31.74	7.77	8.03	5.5	1.825	90.5
629	11/9/2012 2:45:48	13.30	48.84	31.86	7.76	8.03	5.6	1.902	90.4
630	11/9/2012 3:00:48	13.22	48.76	31.81	7.73	8.02	5.5	1.964	89.8
631	11/9/2012 3:15:48	13.33	46.88	30.45	7.76	8.02	5.6	2.043	89.6
632	11/9/2012 3:30:48	13.50	47.76	31.09	7.72	8.01	5.5	2.117	89.8
633	11/9/2012 3:45:48	13.52	49.34	32.24	7.66	8.01	5.8	2.186	89.9
634	11/9/2012 4:00:48	13.51	44.74	28.91	7.80	8.00	5.4	2.271	89.6
635	11/9/2012 4:15:48	13.56	49.76	32.55	7.64	8.00	5.9	2.340	89.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	11/9/2012 4:30:48	13.59	49.33	32.23	7.67	8.00	5.6	2.420	90.1
637	11/9/2012 4:45:48	13.60	49.44	32.31	7.69	8.00	5.4	2.501	90.4
638	11/9/2012 5:00:48	13.57	49.53	32.38	7.70	8.00	6.5	2.579	90.5
639	11/9/2012 5:15:48	13.52	49.39	32.28	7.73	8.00	6.4	2.653	90.7
640	11/9/2012 5:30:48	13.49	49.59	32.42	7.73	8.00	6.5	2.742	90.6
641	11/9/2012 5:45:48	13.46	49.64	32.45	7.74	8.00	6.7	2.827	90.8
642	11/9/2012 6:00:47	13.30	49.72	32.50	7.82	8.00	8.1	2.883	91.4
643	11/9/2012 6:15:47	13.21	49.73	32.51	7.86	8.00	8.0	2.975	91.7
644	11/9/2012 6:30:47	13.10	49.84	32.59	7.90	8.00	7.9	3.062	92.1
645	11/9/2012 6:45:47	12.93	49.96	32.67	8.00	8.00	7.3	3.120	93.0
646	11/9/2012 7:00:47	12.80	50.05	32.73	8.09	8.01	7.0	3.174	93.7
647	11/9/2012 7:15:47	12.73	50.03	32.71	8.10	8.01	5.7	3.236	93.7
648	11/9/2012 7:30:47	12.69	50.09	32.75	8.07	8.00	4.7	3.264	93.3
649	11/9/2012 7:45:47	12.61	50.12	32.77	8.03	8.00	4.9	3.278	92.8
650	11/9/2012 8:00:47	12.76	49.99	32.68	7.90	8.00	4.9	3.307	91.5
651	11/9/2012 8:15:47	12.68	50.09	32.75	7.90	7.99	5.0	3.282	91.4
652	11/9/2012 8:30:47	12.61	50.17	32.80	8.01	8.00	5.6	3.252	92.5
653	11/9/2012 8:45:47	12.75	49.86	32.58	7.93	8.00	5.1	3.206	91.7
654	11/9/2012 9:00:47	12.96	49.54	32.36	7.83	7.99	5.6	3.161	90.8
655	11/9/2012 9:15:47	13.03	49.71	32.49	7.89	8.00	5.4	3.088	91.8
656	11/9/2012 9:30:47	12.98	49.87	32.61	8.07	8.01	5.9	2.994	93.8
657	11/9/2012 9:45:47	13.02	49.89	32.62	8.15	8.01	5.3	2.891	94.8
658	11/9/2012 10:00:47	13.18	49.71	32.49	7.99	8.01	5.1	2.821	93.2
659	11/9/2012 10:15:47	13.14	49.40	32.26	7.87	8.00	5.9	2.746	91.6
660	11/9/2012 10:30:47	13.18	49.22	32.14	7.86	8.00	5.9	2.638	91.4
661	11/9/2012 10:45:47	13.19	49.38	32.25	7.79	8.00	5.1	2.571	90.8
662	11/9/2012 11:00:47	13.15	49.38	32.25	7.78	8.00	4.7	2.494	90.6
663	11/9/2012 11:15:47	13.18	49.31	32.20	7.94	8.01	5.0	2.381	92.5
664	11/9/2012 11:30:47	13.23	49.26	32.17	7.98	8.02	4.8	2.289	93.0
665	11/9/2012 11:45:47	13.37	49.47	32.33	8.49	8.05	4.8	2.207	99.3
666	11/9/2012 12:00:47	13.44	49.51	32.36	8.63	8.06	4.8	2.122	101.2
667	11/9/2012 12:15:47	13.46	49.45	32.32	8.59	8.06	4.3	2.026	100.7
668	11/9/2012 12:30:47	13.50	49.45	32.32	8.70	8.07	4.2	1.947	102.0
669	11/9/2012 12:45:47	13.50	49.33	32.23	8.59	8.07	4.3	1.878	100.7
670	11/9/2012 13:00:47	13.51	49.37	32.26	8.69	8.08	4.2	1.813	101.9
671	11/9/2012 13:15:47	13.51	49.40	32.28	8.64	8.07	4.0	1.726	101.3
672	11/9/2012 13:30:47	13.50	49.31	32.22	8.72	8.08	4.2	1.682	102.2
673	11/9/2012 13:45:47	13.50	49.32	32.22	8.48	8.07	4.5	1.634	99.4
674	11/9/2012 14:00:47	13.50	49.22	32.15	8.58	8.08	3.9	1.638	100.5
675	11/9/2012 14:15:47	13.57	49.32	32.23	8.92	8.09	4.8	1.630	104.7
676	11/9/2012 14:30:47	13.51	49.18	32.12	8.57	8.08	4.0	1.620	100.4
677	11/9/2012 14:45:47	13.43	49.21	32.14	8.42	8.09	3.9	1.654	98.5
678	11/9/2012 15:00:47	13.34	48.90	31.91	8.39	8.08	4.1	1.705	97.8
679	11/9/2012 15:15:47	13.28	48.92	31.93	8.36	8.08	4.3	1.768	97.3
680	11/9/2012 15:30:47	13.29	48.91	31.92	8.31	8.07	4.6	1.847	96.8
681	11/9/2012 15:45:47	13.27	48.80	31.84	8.23	8.06	4.8	1.916	95.8
682	11/9/2012 16:00:47	13.24	48.67	31.74	8.17	8.05	4.9	1.970	95.0
683	11/9/2012 16:15:47	13.26	48.76	31.81	8.11	8.04	5.0	2.047	94.4
684	11/9/2012 16:30:47	13.29	48.99	31.98	8.09	8.04	4.8	2.121	94.3
685	11/9/2012 16:45:47	13.28	48.95	31.95	8.07	8.03	4.6	2.191	94.0
686	11/9/2012 17:00:47	13.28	49.09	32.05	8.01	8.03	4.7	2.255	93.4
687	11/9/2012 17:15:47	13.33	49.19	32.12	7.90	8.01	4.8	2.316	92.2
688	11/9/2012 17:30:47	13.33	49.34	32.23	7.84	8.01	4.7	2.380	91.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	11/9/2012 17:45:47	13.32	49.31	32.21	7.82	8.01	4.8	2.451	91.4
690	11/9/2012 18:00:47	13.31	49.25	32.17	7.83	8.00	5.1	2.508	91.4
691	11/9/2012 18:15:47	13.30	49.38	32.26	7.81	8.00	4.8	2.565	91.2
692	11/9/2012 18:30:47	13.28	49.37	32.25	7.79	8.00	4.8	2.635	90.9
693	11/9/2012 18:45:47	13.24	49.49	32.34	7.78	8.00	4.5	2.675	90.8
694	11/9/2012 19:00:47	13.21	49.40	32.27	7.79	8.00	4.5	2.734	90.8
695	11/9/2012 19:15:47	13.19	49.45	32.31	7.80	8.00	4.5	2.791	90.9
696	11/9/2012 19:30:47	13.16	49.44	32.30	7.80	8.00	4.5	2.822	90.8
697	11/9/2012 19:45:47	13.12	49.50	32.34	7.80	7.99	4.1	2.856	90.8
698	11/9/2012 20:00:47	13.07	49.57	32.39	7.81	7.99	5.2	2.887	90.9
699	11/9/2012 20:15:47	13.07	49.57	32.39	7.76	7.99	4.3	2.914	90.2
700	11/9/2012 20:30:47	13.12	49.50	32.34	7.61	7.98	4.3	2.897	88.5
701	11/9/2012 20:45:47	13.05	49.60	32.41	7.69	7.98	4.0	2.869	89.4
702	11/9/2012 21:00:47	13.08	49.46	32.31	7.69	7.98	4.5	2.850	89.4
703	11/9/2012 21:15:47	13.08	49.42	32.28	7.70	7.99	4.7	2.815	89.5
704	11/9/2012 21:30:47	12.97	49.36	32.23	7.58	7.98	5.0	2.758	87.9
705	11/9/2012 21:45:47	13.03	49.35	32.22	7.64	8.00	5.1	2.681	88.7
706	11/9/2012 22:00:47	13.05	49.28	32.18	7.57	7.98	5.0	2.605	87.9
707	11/9/2012 22:15:47	13.02	49.38	32.25	7.58	7.98	5.0	2.541	88.0
708	11/9/2012 22:30:47	13.00	49.41	32.27	7.60	7.98	4.8	2.455	88.2
709	11/9/2012 22:45:47	12.98	49.26	32.16	7.61	7.99	5.0	2.377	88.2
710	11/9/2012 23:00:47	12.94	49.18	32.10	7.58	7.98	5.1	2.296	87.7
711	11/9/2012 23:15:47	12.97	49.32	32.21	7.75	8.00	4.8	2.226	89.8
712	11/9/2012 23:30:47	12.93	49.28	32.17	7.78	8.01	5.1	2.139	90.1
713	11/9/2012 23:45:47	12.88	49.24	32.14	7.76	8.00	5.1	2.045	89.8
714	11/10/2012 0:00:47	12.86	49.13	32.06	7.80	8.01	5.1	1.972	90.1
715	11/10/2012 0:15:47	12.80	49.18	32.09	7.76	8.01	5.1	1.909	89.6
716	11/10/2012 0:30:47	12.77	49.22	32.13	7.77	8.01	5.1	1.822	89.7
717	11/10/2012 0:45:47	12.75	49.25	32.15	7.77	8.01	4.7	1.757	89.7
718	11/10/2012 1:00:47	12.78	49.15	32.07	7.81	8.02	4.7	1.739	90.2
719	11/10/2012 1:15:47	12.78	49.17	32.09	7.85	8.03	4.6	1.665	90.6
720	11/10/2012 1:30:47	12.68	48.79	31.81	8.02	8.05	4.2	1.644	92.2
721	11/10/2012 1:45:47	12.65	48.99	31.95	8.21	8.07	3.9	1.644	94.4
722	11/10/2012 2:00:47	12.58	48.91	31.89	8.11	8.06	3.8	1.623	93.1
723	11/10/2012 2:15:47	12.62	48.87	31.86	8.21	8.07	3.7	1.642	94.3
724	11/10/2012 2:30:47	12.64	48.84	31.84	8.21	8.07	3.7	1.693	94.3
725	11/10/2012 2:45:47	12.70	48.93	31.91	8.12	8.06	4.0	1.744	93.5
726	11/10/2012 3:00:47	12.72	48.99	31.96	8.10	8.06	4.2	1.796	93.3
727	11/10/2012 3:15:47	12.54	48.69	31.73	7.99	8.04	4.7	1.872	91.5
728	11/10/2012 3:30:47	12.49	48.48	31.58	7.98	8.03	4.7	1.957	91.3
729	11/10/2012 3:45:47	12.37	48.20	31.37	7.94	8.02	4.7	2.029	90.4
730	11/10/2012 4:00:47	12.72	48.69	31.74	7.87	8.02	4.7	2.103	90.5
731	11/10/2012 4:15:47	12.79	48.95	31.92	7.82	8.01	4.7	2.196	90.2
732	11/10/2012 4:30:47	12.84	48.98	31.95	7.77	8.01	5.1	2.265	89.7
733	11/10/2012 4:45:47	12.87	49.05	32.00	7.72	8.00	5.0	2.341	89.3
734	11/10/2012 5:00:47	12.92	49.11	32.05	7.72	8.00	5.1	2.436	89.3
735	11/10/2012 5:15:47	12.92	49.33	32.21	7.72	8.00	5.0	2.513	89.5
736	11/10/2012 5:30:47	12.93	49.33	32.21	7.74	8.00	5.4	2.589	89.7
737	11/10/2012 5:45:47	12.92	49.30	32.18	7.75	8.00	5.7	2.671	89.8
738	11/10/2012 6:00:47	12.87	49.26	32.16	7.76	7.99	6.0	2.753	89.8
739	11/10/2012 6:15:47	12.86	49.58	32.39	7.76	7.99	6.8	2.845	89.9
740	11/10/2012 6:30:47	12.73	49.42	32.27	7.85	7.99	7.6	2.925	90.5
741	11/10/2012 6:45:47	12.57	49.74	32.49	7.94	7.99	7.5	3.012	91.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	11/10/2012 7:00:47	12.40	49.82	32.54	8.06	7.99	8.0	3.101	92.6
743	11/10/2012 7:15:47	12.23	49.96	32.64	8.18	8.00	8.6	3.183	93.7
744	11/10/2012 7:30:47	12.09	49.99	32.66	8.26	8.00	7.2	3.256	94.3
745	11/10/2012 7:45:47	12.02	50.04	32.69	8.30	8.00	6.3	3.328	94.6
746	11/10/2012 8:00:47	11.95	50.08	32.71	8.31	8.00	6.2	3.386	94.7
747	11/10/2012 8:15:47	11.91	50.10	32.72	8.33	8.00	5.3	3.424	94.8
748	11/10/2012 8:30:47	11.90	50.08	32.71	8.29	8.00	5.0	3.449	94.3
749	11/10/2012 8:45:47	11.98	49.91	32.59	8.10	7.99	4.9	3.442	92.2
750	11/10/2012 9:00:47	11.94	49.99	32.65	8.22	8.00	4.7	3.446	93.5
751	11/10/2012 9:15:47	11.94	50.11	32.73	8.23	8.00	5.4	3.406	93.7
752	11/10/2012 9:30:47	11.99	50.08	32.72	8.23	8.00	6.9	3.347	93.8
753	11/10/2012 9:45:47	12.26	49.90	32.59	8.24	8.01	6.1	3.274	94.4
754	11/10/2012 10:00:47	12.28	49.84	32.55	8.39	8.02	6.0	3.180	96.1
755	11/10/2012 10:15:47	12.31	50.00	32.67	8.45	8.02	5.7	3.093	96.9
756	11/10/2012 10:30:47	12.58	49.67	32.44	8.24	8.01	5.1	2.995	94.9
757	11/10/2012 10:45:47	12.55	49.46	32.29	8.11	8.01	5.6	2.881	93.2
758	11/10/2012 11:00:47	12.55	49.33	32.19	8.08	8.01	4.9	2.778	92.9
759	11/10/2012 11:15:47	12.60	49.23	32.13	8.07	8.02	5.2	2.680	92.8
760	11/10/2012 11:30:47	12.68	49.30	32.18	8.08	8.02	5.0	2.571	93.1
761	11/10/2012 11:45:47	12.69	49.31	32.19	8.17	8.03	4.8	2.463	94.1
762	11/10/2012 12:00:47	12.81	49.38	32.24	8.39	8.04	5.3	2.343	96.9
763	11/10/2012 12:15:47	12.94	49.52	32.35	8.59	8.05	4.7	2.243	99.6
764	11/10/2012 12:30:47	13.09	49.37	32.25	8.85	8.07	4.5	2.131	102.9
765	11/10/2012 12:45:47	13.11	49.26	32.17	8.79	8.06	4.8	2.010	102.2
766	11/10/2012 13:00:47	13.12	49.30	32.20	8.64	8.06	4.7	1.887	100.5
767	11/10/2012 13:15:47	13.22	49.36	32.24	8.78	8.08	4.4	1.770	102.3
768	11/10/2012 13:30:47	13.31	49.09	32.05	8.88	8.08	4.2	1.679	103.6
769	11/10/2012 13:45:47	13.32	49.24	32.16	8.79	8.08	4.2	1.561	102.6
770	11/10/2012 14:00:47	13.41	49.28	32.19	8.95	8.09	4.7	1.465	104.6
771	11/10/2012 14:15:47	13.32	49.20	32.13	8.82	8.09	4.3	1.416	102.9
772	11/10/2012 14:30:47	13.24	49.09	32.05	8.76	8.09	4.0	1.355	102.1
773	11/10/2012 14:45:47	13.32	49.16	32.10	8.82	8.09	3.8	1.330	102.9
774	11/10/2012 15:00:47	13.61	49.14	32.10	9.15	8.10	4.1	1.320	107.4
775	11/10/2012 15:15:47	13.05	49.00	31.97	9.09	8.13	4.2	1.339	105.5
776	11/10/2012 15:30:47	13.06	49.19	32.11	9.00	8.11	3.7	1.393	104.5
777	11/10/2012 15:45:47	12.90	48.90	31.90	9.09	8.13	4.0	1.440	105.0
778	11/10/2012 16:00:47	12.85	48.75	31.78	9.13	8.13	3.9	1.516	105.3
779	11/10/2012 16:15:47	12.72	48.44	31.55	8.95	8.11	4.6	1.598	102.8
780	11/10/2012 16:30:47	12.77	48.65	31.71	8.92	8.11	4.4	1.682	102.6
781	11/10/2012 16:45:47	12.73	48.39	31.52	8.75	8.09	4.5	1.781	100.6
782	11/10/2012 17:00:47	12.80	48.28	31.44	8.67	8.08	4.6	1.844	99.7
783	11/10/2012 17:15:47	12.83	48.67	31.73	8.61	8.08	4.5	1.930	99.2
784	11/10/2012 17:30:47	12.84	48.73	31.77	8.55	8.07	4.6	2.026	98.6
785	11/10/2012 17:45:47	12.82	48.76	31.79	8.48	8.07	4.3	2.087	97.7
786	11/10/2012 18:00:47	12.83	48.92	31.91	8.24	8.04	4.8	2.165	95.1
787	11/10/2012 18:15:47	12.84	48.98	31.95	8.13	8.03	4.6	2.247	93.8
788	11/10/2012 18:30:47	12.84	49.05	32.00	8.08	8.03	4.7	2.328	93.3
789	11/10/2012 18:45:47	12.81	49.08	32.02	8.06	8.02	5.1	2.406	93.0
790	11/10/2012 19:00:47	12.79	49.13	32.05	8.02	8.02	5.0	2.476	92.6
791	11/10/2012 19:15:47	12.74	48.93	31.91	8.01	8.01	5.0	2.552	92.2
792	11/10/2012 19:30:47	12.72	49.24	32.14	7.98	8.01	5.2	2.618	92.0
793	11/10/2012 19:45:47	12.70	49.16	32.08	7.99	8.01	5.3	2.688	92.0
794	11/10/2012 20:00:47	12.68	49.30	32.18	7.98	8.01	5.1	2.747	92.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	11/10/2012 20:15:47	12.64	49.38	32.23	8.01	8.00	5.5	2.811	92.2
796	11/10/2012 20:30:47	12.59	49.49	32.31	8.02	8.00	5.3	2.865	92.3
797	11/10/2012 20:45:47	12.53	49.56	32.36	8.07	8.00	5.0	2.906	92.8
798	11/10/2012 21:00:47	12.47	49.66	32.43	8.12	8.00	4.4	2.948	93.3
799	11/10/2012 21:15:47	12.43	49.70	32.46	8.08	8.00	4.4	2.968	92.7
800	11/10/2012 21:30:47	12.48	49.39	32.23	8.03	8.00	4.2	2.991	92.1
801	11/10/2012 21:45:47	12.40	49.68	32.44	8.02	7.99	4.1	2.978	92.0
802	11/10/2012 22:00:47	12.38	49.56	32.35	8.05	7.99	4.5	2.952	92.2
803	11/10/2012 22:15:47	12.36	49.36	32.21	7.81	7.99	4.7	2.894	89.4
804	11/10/2012 22:30:47	12.39	49.22	32.11	7.84	7.99	5.6	2.836	89.8
805	11/10/2012 22:45:47	12.25	49.30	32.16	7.73	8.01	5.0	2.763	88.2
806	11/10/2012 23:00:47	12.38	49.35	32.20	7.72	7.99	4.8	2.681	88.4
807	11/10/2012 23:15:47	12.36	49.26	32.13	7.83	7.99	5.1	2.596	89.6
808	11/10/2012 23:30:47	12.34	49.18	32.07	7.82	8.00	4.8	2.510	89.4
809	11/10/2012 23:45:47	12.30	49.19	32.08	7.87	8.00	4.8	2.419	89.9
810	11/11/2012 0:00:47	12.24	49.15	32.05	7.90	8.01	4.8	2.341	90.2
811	11/11/2012 0:15:47	12.17	49.16	32.05	7.97	8.01	4.9	2.246	90.7
812	11/11/2012 0:30:47	12.16	49.13	32.03	7.99	8.02	5.3	2.156	90.9
813	11/11/2012 0:45:47	12.14	49.07	31.99	8.12	8.04	5.1	2.090	92.3
814	11/11/2012 1:00:47	12.12	49.18	32.07	8.15	8.04	5.0	1.997	92.8
815	11/11/2012 1:15:47	12.10	48.99	31.93	8.15	8.04	4.7	1.909	92.6
816	11/11/2012 1:30:47	12.06	49.13	32.03	8.15	8.04	4.8	1.851	92.5
817	11/11/2012 1:45:47	11.94	49.10	32.00	8.19	8.04	4.5	1.788	92.8
818	11/11/2012 2:00:47	11.81	48.83	31.80	8.40	8.07	4.2	1.734	94.8
819	11/11/2012 2:15:47	11.79	48.84	31.80	8.46	8.08	3.9	1.706	95.4
820	11/11/2012 2:30:47	11.80	48.71	31.71	8.55	8.09	3.8	1.691	96.4
821	11/11/2012 2:45:47	11.77	48.75	31.74	8.50	8.09	3.7	1.687	95.8
822	11/11/2012 3:00:47	11.82	48.73	31.72	8.52	8.09	3.5	1.705	96.2
823	11/11/2012 3:15:47	11.83	48.82	31.80	8.50	8.09	3.7	1.734	96.0
824	11/11/2012 3:30:47	11.93	48.80	31.78	8.46	8.08	3.9	1.795	95.8
825	11/11/2012 3:45:47	11.99	48.92	31.87	8.46	8.08	3.9	1.857	95.9
826	11/11/2012 4:00:47	11.84	48.62	31.65	8.37	8.06	4.3	1.925	94.4
827	11/11/2012 4:15:47	11.73	48.46	31.52	8.26	8.04	4.5	2.019	92.9
828	11/11/2012 4:30:47	11.74	48.29	31.40	8.24	8.04	4.4	2.099	92.6
829	11/11/2012 4:45:47	11.99	48.71	31.72	8.18	8.04	4.4	2.174	92.6
830	11/11/2012 5:00:47	12.10	48.76	31.76	8.13	8.03	4.7	2.263	92.3
831	11/11/2012 5:15:47	12.15	48.99	31.93	8.07	8.03	4.7	2.346	91.8
832	11/11/2012 5:30:47	12.23	49.15	32.05	7.99	8.01	4.8	2.437	91.2
833	11/11/2012 5:45:47	12.28	49.19	32.08	7.96	8.01	5.0	2.521	90.9
834	11/11/2012 6:00:47	12.33	49.17	32.07	7.97	8.01	5.9	2.606	91.0
835	11/11/2012 6:15:47	12.34	49.21	32.10	7.96	8.00	6.2	2.692	91.0
836	11/11/2012 6:30:47	12.33	49.40	32.24	7.97	8.00	6.9	2.783	91.2
837	11/11/2012 6:45:47	12.29	49.40	32.23	7.99	8.00	7.3	2.874	91.3
838	11/11/2012 7:00:47	12.22	49.42	32.25	8.02	8.00	8.3	2.966	91.6
839	11/11/2012 7:15:47	12.00	49.70	32.44	8.15	8.00	9.1	3.063	92.7
840	11/11/2012 7:30:47	11.89	49.68	32.42	8.22	8.00	9.5	3.154	93.3
841	11/11/2012 7:45:47	11.73	49.98	32.63	8.32	8.00	9.6	3.251	94.3
842	11/11/2012 8:00:46	11.60	49.96	32.60	8.39	8.01	8.9	3.337	94.7
843	11/11/2012 8:15:46	11.53	50.06	32.68	8.40	8.01	7.4	3.419	94.8
844	11/11/2012 8:30:46	11.51	50.23	32.80	8.40	8.01	6.6	3.491	94.8
845	11/11/2012 8:45:46	11.49	50.32	32.86	8.38	8.01	4.8	3.542	94.5
846	11/11/2012 9:00:46	11.47	50.33	32.87	8.38	8.01	4.3	3.593	94.5
847	11/11/2012 9:15:46	11.46	50.29	32.84	8.36	8.01	4.5	3.614	94.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	11/11/2012 9:30:46	11.47	50.30	32.85	8.28	8.01	5.0	3.617	93.4
849	11/11/2012 9:45:46	11.49	50.29	32.84	8.29	8.00	4.8	3.596	93.5
850	11/11/2012 10:00:46	11.50	50.26	32.82	8.29	8.00	4.7	3.550	93.6
851	11/11/2012 10:15:46	11.51	49.93	32.58	8.34	8.01	5.6	3.477	94.0
852	11/11/2012 10:30:46	11.82	49.71	32.44	8.47	8.02	7.2	3.387	96.0
853	11/11/2012 10:45:46	11.76	50.06	32.69	8.54	8.02	5.7	3.278	96.8
854	11/11/2012 11:00:46	11.90	49.86	32.55	8.43	8.02	5.3	3.162	95.8
855	11/11/2012 11:15:46	11.91	49.57	32.34	8.36	8.02	5.4	3.039	94.8
856	11/11/2012 11:30:46	11.90	49.45	32.25	8.33	8.02	5.3	2.907	94.5
857	11/11/2012 11:45:46	11.94	49.35	32.18	8.36	8.03	4.3	2.794	94.8
858	11/11/2012 12:00:46	12.01	49.18	32.06	8.40	8.04	4.3	2.666	95.3
859	11/11/2012 12:15:46	11.98	49.29	32.14	8.44	8.04	5.0	2.528	95.8
860	11/11/2012 12:30:46	12.11	49.48	32.28	8.77	8.05	5.1	2.398	99.9
861	11/11/2012 12:45:46	12.23	49.51	32.31	8.83	8.06	5.6	2.264	100.8
862	11/11/2012 13:00:46	12.28	49.49	32.29	8.99	8.07	6.2	2.124	102.7
863	11/11/2012 13:15:46	12.37	49.32	32.18	8.96	8.08	5.5	1.987	102.6
864	11/11/2012 13:30:46	12.42	49.40	32.24	9.13	8.09	5.7	1.846	104.6
865	11/11/2012 13:45:46	12.47	49.27	32.15	8.99	8.09	6.9	1.705	103.1
866	11/11/2012 14:00:46	12.47	48.98	31.94	9.03	8.10	5.9	1.564	103.4
867	11/11/2012 14:15:46	12.44	49.07	32.00	8.90	8.09	5.0	1.437	101.9
868	11/11/2012 14:30:46	12.45	49.14	32.05	8.92	8.09	5.1	1.306	102.2
869	11/11/2012 14:45:46	12.46	49.17	32.07	8.99	8.10	5.0	1.210	103.1
870	11/11/2012 15:00:46	12.43	49.13	32.05	9.02	8.11	4.7	1.136	103.3
871	11/11/2012 15:15:46	12.44	49.13	32.04	9.04	8.11	4.2	1.060	103.6
872	11/11/2012 15:30:46	12.41	49.10	32.02	9.19	8.12	5.0	1.047	105.2
873	11/11/2012 15:45:46	12.48	49.15	32.06	9.10	8.12	4.5	1.063	104.3
874	11/11/2012 16:00:46	12.39	49.08	32.01	9.11	8.12	4.3	1.100	104.2
875	11/11/2012 16:15:46	12.33	48.91	31.88	9.09	8.12	4.0	1.161	103.8
876	11/11/2012 16:30:46	12.18	48.78	31.78	9.24	8.14	4.2	1.245	105.1
877	11/11/2012 16:45:46	12.15	48.92	31.88	9.23	8.14	4.2	1.328	104.9
878	11/11/2012 17:00:46	11.93	48.44	31.52	9.07	8.12	4.8	1.398	102.4
879	11/11/2012 17:15:46	11.98	48.70	31.71	9.07	8.12	4.5	1.493	102.7
880	11/11/2012 17:30:46	11.92	48.35	31.46	8.96	8.11	4.9	1.585	101.1
881	11/11/2012 17:45:46	11.98	48.38	31.48	8.90	8.10	4.6	1.661	100.7
882	11/11/2012 18:00:46	12.00	48.63	31.66	8.85	8.10	4.7	1.754	100.2
883	11/11/2012 18:15:46	12.08	48.67	31.69	8.80	8.09	4.7	1.849	99.8
884	11/11/2012 18:30:46	12.07	48.84	31.82	8.75	8.09	5.1	1.944	99.3
885	11/11/2012 18:45:46	12.14	48.89	31.86	8.53	8.07	5.0	2.034	97.0
886	11/11/2012 19:00:46	12.17	48.99	31.93	8.41	8.05	5.4	2.138	95.7
887	11/11/2012 19:15:46	12.19	49.01	31.95	8.35	8.05	5.5	2.238	95.1
888	11/11/2012 19:30:46	12.21	49.19	32.08	8.29	8.04	5.6	2.321	94.5
889	11/11/2012 19:45:46	12.19	49.15	32.05	8.25	8.03	5.8	2.418	94.0
890	11/11/2012 20:00:46	12.17	49.21	32.09	8.22	8.03	6.4	2.511	93.7
891	11/11/2012 20:15:46	12.16	49.25	32.12	8.20	8.02	6.4	2.591	93.5
892	11/11/2012 20:30:46	12.14	49.24	32.11	8.19	8.02	6.6	2.674	93.2
893	11/11/2012 20:45:46	12.11	49.36	32.19	8.18	8.02	6.9	2.753	93.2
894	11/11/2012 21:00:46	12.07	49.39	32.21	8.18	8.01	7.6	2.824	93.1
895	11/11/2012 21:15:46	12.00	49.69	32.43	8.21	8.01	6.7	2.895	93.4
896	11/11/2012 21:30:46	11.92	49.80	32.51	8.24	8.01	6.3	2.960	93.7
897	11/11/2012 21:45:46	11.84	49.73	32.46	8.28	8.01	6.0	3.013	93.9
898	11/11/2012 22:00:46	11.81	49.90	32.57	8.28	8.01	5.0	3.060	93.9
899	11/11/2012 22:15:46	11.80	49.81	32.51	8.27	8.01	4.8	3.093	93.7
900	11/11/2012 22:30:46	11.79	49.77	32.48	8.19	8.01	4.0	3.112	92.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	11/11/2012 22:45:46	11.81	49.93	32.60	8.18	8.01	4.2	3.093	92.8
902	11/11/2012 23:00:46	11.82	49.83	32.53	8.18	8.01	4.3	3.069	92.8
903	11/11/2012 23:15:46	11.81	49.64	32.38	8.17	8.01	4.7	3.018	92.5
904	11/11/2012 23:30:46	11.90	49.54	32.32	8.04	8.01	6.1	2.943	91.2
905	11/11/2012 23:45:46	11.99	49.31	32.15	7.96	8.00	5.6	2.858	90.3
906	11/12/2012 0:00:46	11.94	49.50	32.29	8.01	8.00	5.9	2.767	90.9
907	11/12/2012 0:15:46	11.94	49.53	32.31	8.02	8.00	5.5	2.674	91.0
908	11/12/2012 0:30:46	11.99	49.32	32.16	8.06	8.01	5.6	2.578	91.5
909	11/12/2012 0:45:46	12.01	49.18	32.06	7.99	8.01	5.2	2.475	90.7
910	11/12/2012 1:00:46	12.00	49.12	32.02	7.97	8.01	5.1	2.387	90.5
911	11/12/2012 1:15:46	12.02	49.06	31.97	8.10	8.02	4.9	2.304	92.0
912	11/12/2012 1:30:46	12.00	49.09	31.99	7.97	8.02	4.8	2.208	90.4
913	11/12/2012 1:45:46	11.97	49.15	32.04	8.01	8.02	4.9	2.122	90.8
914	11/12/2012 2:00:46	11.96	49.16	32.05	8.10	8.02	5.3	2.036	91.8
915	11/12/2012 2:15:46	11.92	49.07	31.97	8.09	8.02	4.8	1.956	91.6
916	11/12/2012 2:30:46	11.93	49.09	32.00	8.15	8.03	5.0	1.884	92.3
917	11/12/2012 2:45:46	11.92	49.13	32.02	8.18	8.03	4.6	1.829	92.7
918	11/12/2012 3:00:46	11.86	48.99	31.92	8.30	8.05	4.0	1.789	93.8
919	11/12/2012 3:15:46	11.83	48.91	31.86	8.42	8.07	3.6	1.770	95.1
920	11/12/2012 3:30:46	11.83	48.81	31.78	8.49	8.08	3.2	1.761	95.9
921	11/12/2012 3:45:46	11.82	48.86	31.82	8.47	8.08	3.5	1.782	95.6
922	11/12/2012 4:00:46	11.83	48.83	31.80	8.45	8.07	3.6	1.828	95.4
923	11/12/2012 4:15:46	11.87	48.82	31.80	8.40	8.07	4.0	1.867	94.9
924	11/12/2012 4:30:46	11.88	48.94	31.88	8.38	8.06	4.1	1.932	94.8
925	11/12/2012 4:45:46	11.78	48.68	31.69	8.32	8.05	5.7	2.019	93.8
926	11/12/2012 5:00:46	11.73	48.62	31.64	8.30	8.04	5.0	2.106	93.4
927	11/12/2012 5:15:46	11.81	48.71	31.71	8.23	8.04	5.3	2.184	92.9
928	11/12/2012 5:30:46	11.89	48.91	31.86	8.18	8.03	5.0	2.272	92.5
929	11/12/2012 5:45:46	11.94	48.93	31.88	8.13	8.02	4.9	2.359	92.1
930	11/12/2012 6:00:46	11.95	49.10	32.00	8.11	8.02	5.1	2.440	91.9
931	11/12/2012 6:15:46	11.96	49.29	32.14	8.12	8.01	5.4	2.527	92.1
932	11/12/2012 6:30:46	11.97	49.35	32.18	8.13	8.01	5.8	2.618	92.3
933	11/12/2012 6:45:46	11.96	49.39	32.21	8.14	8.01	6.4	2.708	92.4
934	11/12/2012 7:00:46	11.92	49.37	32.20	8.14	8.01	8.4	2.805	92.3
935	11/12/2012 7:15:46	11.87	49.64	32.39	8.14	8.01	8.6	2.902	92.3
936	11/12/2012 7:30:46	11.81	49.65	32.39	8.16	8.01	9.4	3.004	92.4
937	11/12/2012 7:45:46	11.69	49.99	32.64	8.17	8.00	8.8	3.101	92.5
938	11/12/2012 8:00:46	11.60	50.13	32.73	8.20	8.00	9.8	3.212	92.6
939	11/12/2012 8:15:46	11.54	50.27	32.83	8.21	8.00	9.4	3.311	92.8
940	11/12/2012 8:30:46	11.46	50.30	32.84	8.22	8.00	8.9	3.407	92.7
941	11/12/2012 8:45:46	11.41	50.39	32.91	8.22	8.01	7.0	3.499	92.6
942	11/12/2012 9:00:46	11.39	50.46	32.96	8.22	8.01	6.4	3.584	92.6
943	11/12/2012 9:15:46	11.39	50.48	32.97	8.22	8.01	6.1	3.650	92.6
944	11/12/2012 9:30:46	11.39	50.13	32.72	8.22	8.01	4.4	3.703	92.5
945	11/12/2012 9:45:46	11.38	50.12	32.71	8.23	8.01	4.0	3.749	92.5
946	11/12/2012 10:00:46	11.41	50.10	32.70	8.20	8.00	4.7	3.768	92.3
947	11/12/2012 10:15:46	11.43	49.90	32.55	8.09	8.00	4.7	3.766	91.0
948	11/12/2012 10:30:46	11.38	50.41	32.92	8.20	8.01	4.2	3.737	92.3
949	11/12/2012 10:45:46	11.46	50.26	32.81	8.19	8.01	4.6	3.684	92.4
950	11/12/2012 11:00:46	11.62	50.29	32.85	8.27	8.01	4.7	3.597	93.6
951	11/12/2012 11:15:46	11.80	50.07	32.70	8.43	8.02	6.4	3.494	95.6
952	11/12/2012 11:30:46	11.78	50.22	32.80	8.46	8.02	5.4	3.377	96.0
953	11/12/2012 11:45:46	11.75	49.97	32.63	8.39	8.02	6.0	3.242	95.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	11/12/2012 12:00:46	11.75	49.85	32.53	8.42	8.02	5.7	3.114	95.3
955	11/12/2012 12:15:46	11.80	49.93	32.59	8.43	8.03	5.7	2.971	95.6
956	11/12/2012 12:30:46	11.99	49.58	32.35	8.51	8.04	5.0	2.844	96.7
957	11/12/2012 12:45:46	12.04	49.72	32.45	8.57	8.04	5.4	2.692	97.6
958	11/12/2012 13:00:46	12.10	49.68	32.43	8.66	8.05	4.9	2.559	98.7
959	11/12/2012 13:15:46	12.05	49.70	32.44	8.76	8.05	5.9	2.419	99.7
960	11/12/2012 13:30:46	12.09	49.67	32.42	8.86	8.06	6.3	2.253	101.0
961	11/12/2012 13:45:46	12.13	49.69	32.44	8.87	8.07	8.3	2.109	101.2
962	11/12/2012 14:00:46	12.23	49.57	32.36	8.96	8.08	8.4	1.952	102.4
963	11/12/2012 14:15:46	12.30	49.33	32.18	9.01	8.09	8.1	1.795	103.0
964	11/12/2012 14:30:46	12.41	49.53	32.33	9.16	8.10	8.2	1.635	105.1
965	11/12/2012 14:45:46	12.41	49.15	32.06	9.04	8.10	8.9	1.480	103.5
966	11/12/2012 15:00:46	12.40	49.22	32.11	8.98	8.10	7.2	1.333	102.8
967	11/12/2012 15:15:46	12.43	49.23	32.12	9.02	8.10	9.2	1.188	103.3
968	11/12/2012 15:30:46	12.45	49.18	32.08	9.08	8.11	10.7	1.049	104.0
969	11/12/2012 15:45:46	12.48	49.07	32.00	9.14	8.12	17.7	0.948	104.8
970	11/12/2012 16:00:46	12.49	49.06	31.99	9.13	8.13	12.8	0.870	104.6
971	11/12/2012 16:15:46	12.49	49.05	31.99	9.16	8.13	11.6	0.821	105.0
972	11/12/2012 16:30:46	12.49	48.87	31.86	9.14	8.13	10.7	0.830	104.7
973	11/12/2012 16:45:46	12.49	48.66	31.71	9.27	8.15	5.6	0.901	106.1
974	11/12/2012 17:00:46	12.47	48.85	31.84	9.20	8.14	6.9	0.979	105.3
975	11/12/2012 17:15:46	12.45	48.77	31.79	9.22	8.15	6.5	1.058	105.5
976	11/12/2012 17:30:46	12.43	48.77	31.78	9.18	8.14	6.9	1.171	105.0
977	11/12/2012 17:45:46	12.38	48.46	31.56	8.98	8.12	7.6	1.256	102.4
978	11/12/2012 18:00:46	12.39	48.55	31.62	9.00	8.12	6.6	1.342	102.7
979	11/12/2012 18:15:46	12.37	48.27	31.42	8.90	8.11	6.8	1.419	101.4
980	11/12/2012 18:30:46	12.35	48.28	31.42	8.84	8.10	6.9	1.509	100.7
981	11/12/2012 18:45:46	12.35	48.46	31.56	8.84	8.10	7.5	1.622	100.8
982	11/12/2012 19:00:46	12.35	48.74	31.76	8.82	8.10	6.7	1.705	100.7
983	11/12/2012 19:15:46	12.34	48.71	31.73	8.78	8.09	6.4	1.808	100.2
984	11/12/2012 19:30:46	12.32	48.97	31.92	8.57	8.07	7.1	1.924	97.9
985	11/12/2012 19:45:46	12.32	48.86	31.85	8.51	8.06	7.5	2.044	97.1
986	11/12/2012 20:00:46	12.32	49.17	32.06	8.45	8.05	7.6	2.151	96.5
987	11/12/2012 20:15:46	12.31	49.10	32.01	8.43	8.05	8.4	2.260	96.2
988	11/12/2012 20:30:46	12.27	49.16	32.06	8.38	8.04	8.9	2.367	95.6
989	11/12/2012 20:45:46	12.24	49.14	32.04	8.36	8.04	9.2	2.473	95.4
990	11/12/2012 21:00:46	12.21	49.17	32.06	8.34	8.04	10.1	2.565	95.0
991	11/12/2012 21:15:46	12.16	49.45	32.27	8.30	8.03	10.4	2.656	94.7
992	11/12/2012 21:30:46	12.10	49.57	32.35	8.27	8.02	10.8	2.742	94.3
993	11/12/2012 21:45:46	12.01	49.82	32.53	8.29	8.02	11.4	2.834	94.4
994	11/12/2012 22:00:46	11.93	49.80	32.51	8.31	8.02	9.9	2.906	94.5
995	11/12/2012 22:15:46	11.89	49.73	32.46	8.33	8.02	9.0	2.987	94.5
996	11/12/2012 22:30:46	11.85	49.96	32.62	8.32	8.02	9.5	3.057	94.4
997	11/12/2012 22:45:46	11.82	49.90	32.58	8.32	8.02	8.3	3.112	94.4
998	11/12/2012 23:00:46	11.80	49.98	32.63	8.31	8.02	6.6	3.163	94.2
999	11/12/2012 23:15:46	11.77	50.10	32.72	8.30	8.02	5.4	3.193	94.1
1000	11/12/2012 23:30:46	11.87	49.89	32.57	8.23	8.02	5.0	3.206	93.5
1001	11/12/2012 23:45:46	11.80	50.07	32.69	8.22	8.01	4.8	3.184	93.3
1002	11/13/2012 0:00:46	11.84	50.00	32.65	8.22	8.01	6.8	3.146	93.3
1003	11/13/2012 0:15:46	11.84	49.93	32.60	8.20	8.01	7.6	3.087	93.1
1004	11/13/2012 0:30:46	11.93	49.78	32.49	8.16	8.01	6.8	3.007	92.8
1005	11/13/2012 0:45:46	11.90	49.95	32.61	8.13	8.01	7.9	2.902	92.4
1006	11/13/2012 1:00:46	11.90	49.78	32.49	8.16	8.01	7.5	2.812	92.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1007	11/13/2012 1:15:46	12.03	49.59	32.36	8.14	8.02	7.6	2.716	92.7
1008	11/13/2012 1:30:46	12.10	49.30	32.15	8.12	8.02	6.8	2.616	92.5
1009	11/13/2012 1:45:46	12.15	49.36	32.20	8.12	8.02	6.8	2.516	92.5
1010	11/13/2012 2:00:46	12.19	49.09	32.01	8.11	8.02	6.0	2.432	92.4
1011	11/13/2012 2:15:46	12.18	49.19	32.08	8.05	8.02	6.1	2.349	91.8
1012	11/13/2012 2:30:46	12.15	49.35	32.19	8.00	8.01	5.4	2.260	91.2
1013	11/13/2012 2:45:46	12.10	49.32	32.17	8.06	8.01	5.2	2.179	91.8
1014	11/13/2012 3:00:46	12.17	49.26	32.13	8.11	8.02	5.9	2.094	92.4
1015	11/13/2012 3:15:46	12.20	49.21	32.09	8.16	8.03	5.7	2.037	93.0
1016	11/13/2012 3:30:46	12.19	49.23	32.11	8.14	8.02	5.1	1.971	92.7
1017	11/13/2012 3:45:46	12.21	49.18	32.07	8.11	8.02	5.4	1.924	92.5
1018	11/13/2012 4:00:46	12.25	49.05	31.98	8.15	8.03	4.5	1.902	93.0
1019	11/13/2012 4:15:46	12.32	48.86	31.84	8.23	8.05	4.3	1.900	93.9
1020	11/13/2012 4:30:46	12.32	48.65	31.69	8.16	8.05	4.0	1.901	93.1
1021	11/13/2012 4:45:46	12.31	48.94	31.90	8.20	8.04	4.2	1.929	93.5
1022	11/13/2012 5:00:46	12.29	48.92	31.88	8.20	8.04	4.8	1.985	93.6
1023	11/13/2012 5:15:46	12.30	48.80	31.80	8.23	8.04	4.6	2.045	93.9
1024	11/13/2012 5:30:46	12.27	48.86	31.84	8.20	8.03	5.3	2.123	93.5
1025	11/13/2012 5:45:46	12.25	48.70	31.73	8.15	8.02	6.7	2.209	92.7
1026	11/13/2012 6:00:46	12.24	48.96	31.91	8.16	8.02	5.9	2.298	93.0
1027	11/13/2012 6:15:46	12.21	49.11	32.02	8.15	8.02	5.6	2.385	92.9
1028	11/13/2012 6:30:46	12.17	49.21	32.09	8.14	8.02	5.7	2.471	92.8
1029	11/13/2012 6:45:46	12.10	49.32	32.17	8.18	8.02	6.1	2.560	93.1
1030	11/13/2012 7:00:46	12.07	49.32	32.17	8.20	8.02	6.5	2.652	93.3
1031	11/13/2012 7:15:46	12.04	49.51	32.30	8.21	8.02	7.3	2.743	93.5
1032	11/13/2012 7:30:46	11.97	49.57	32.34	8.23	8.01	8.1	2.835	93.5
1033	11/13/2012 7:45:46	11.90	49.88	32.57	8.25	8.01	8.7	2.942	93.7
1034	11/13/2012 8:00:46	11.85	49.70	32.43	8.26	8.01	9.2	3.043	93.7
1035	11/13/2012 8:15:46	11.76	49.73	32.44	8.28	8.01	9.4	3.154	93.8
1036	11/13/2012 8:30:46	11.67	50.14	32.74	8.31	8.01	10.3	3.270	94.1
1037	11/13/2012 8:45:46	11.60	50.08	32.69	8.36	8.01	10.5	3.379	94.5
1038	11/13/2012 9:00:46	11.54	50.11	32.71	8.40	8.02	10.0	3.483	94.8
1039	11/13/2012 9:15:46	11.51	50.34	32.88	8.39	8.02	9.2	3.586	94.7
1040	11/13/2012 9:30:46	11.50	50.31	32.86	8.39	8.02	8.3	3.679	94.7
1041	11/13/2012 9:45:46	11.48	50.36	32.89	8.40	8.02	6.4	3.760	94.8
1042	11/13/2012 10:00:45	11.48	50.22	32.79	8.41	8.02	6.1	3.826	94.9
1043	11/13/2012 10:15:45	11.48	50.39	32.92	8.40	8.02	5.2	3.886	94.8
1044	11/13/2012 10:30:45	11.47	50.35	32.88	8.40	8.02	4.7	3.921	94.7
1045	11/13/2012 10:45:45	11.60	50.18	32.77	8.37	8.02	5.1	3.923	94.6
1046	11/13/2012 11:00:45	11.52	50.17	32.76	8.34	8.02	4.7	3.929	94.1
1047	11/13/2012 11:15:45	11.75	50.19	32.78	8.49	8.03	5.2	3.888	96.3
1048	11/13/2012 11:30:45	11.60	50.34	32.88	8.45	8.02	5.1	3.811	95.6
1049	11/13/2012 11:45:45	11.68	50.27	32.83	8.51	8.03	5.6	3.723	96.4
1050	11/13/2012 12:00:45	11.75	50.24	32.82	8.62	8.04	5.5	3.605	97.8
1051	11/13/2012 12:15:45	11.81	50.14	32.75	8.60	8.04	5.4	3.475	97.6
1052	11/13/2012 12:30:45	11.90	49.79	32.50	8.49	8.03	6.7	3.343	96.4
1053	11/13/2012 12:45:45	11.87	50.01	32.66	8.48	8.04	7.9	3.196	96.4
1054	11/13/2012 13:00:45	11.90	49.78	32.49	8.51	8.04	6.5	3.058	96.7
1055	11/13/2012 13:15:45	12.04	49.83	32.53	8.56	8.04	6.0	2.899	97.5
1056	11/13/2012 13:30:45	12.19	49.76	32.49	8.60	8.05	8.2	2.750	98.3
1057	11/13/2012 13:45:45	12.16	49.57	32.35	8.64	8.05	5.9	2.595	98.6
1058	11/13/2012 14:00:45	12.10	49.87	32.57	8.73	8.05	5.6	2.431	99.7
1059	11/13/2012 14:15:45	12.19	49.72	32.46	8.72	8.06	6.4	2.275	99.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	11/13/2012 14:30:45	12.36	49.37	32.22	8.61	8.05	6.3	2.109	98.5
1061	11/13/2012 14:45:45	12.44	49.55	32.35	8.61	8.06	5.7	1.943	98.8
1062	11/13/2012 15:00:45	12.52	49.34	32.20	8.68	8.07	7.9	1.762	99.7
1063	11/13/2012 15:15:45	12.57	49.33	32.20	8.73	8.07	9.4	1.605	100.4
1064	11/13/2012 15:30:45	12.60	49.28	32.16	8.70	8.07	8.4	1.424	100.1
1065	11/13/2012 15:45:45	12.61	49.26	32.15	8.67	8.07	8.4	1.246	99.7
1066	11/13/2012 16:00:45	12.65	49.21	32.11	8.68	8.07	8.5	1.087	99.9
1067	11/13/2012 16:15:45	12.69	49.15	32.07	8.70	8.08	8.4	0.937	100.2
1068	11/13/2012 16:30:45	12.70	48.95	31.93	8.68	8.08	8.9	0.786	99.9
1069	11/13/2012 16:45:45	12.75	49.05	32.00	8.65	8.08	9.0	0.683	99.7
1070	11/13/2012 17:00:45	12.70	49.04	31.99	8.56	8.07	9.2	0.633	98.5
1071	11/13/2012 17:15:45	12.79	49.04	31.99	8.69	8.09	6.8	0.637	100.3
1072	11/13/2012 17:30:45	12.94	48.70	31.75	8.67	8.09	6.0	0.713	100.1
1073	11/13/2012 17:45:45	12.92	48.64	31.71	8.66	8.09	6.9	0.825	100.0
1074	11/13/2012 18:00:45	12.94	48.52	31.62	8.61	8.09	7.6	0.942	99.4
1075	11/13/2012 18:15:45	12.93	48.60	31.68	8.62	8.09	6.1	1.042	99.5
1076	11/13/2012 18:30:45	12.91	48.27	31.44	8.44	8.06	7.7	1.131	97.3
1077	11/13/2012 18:45:45	12.89	48.51	31.61	8.49	8.07	7.5	1.209	97.8
1078	11/13/2012 19:00:45	12.87	48.64	31.70	8.53	8.07	7.2	1.288	98.4
1079	11/13/2012 19:15:45	12.84	48.32	31.47	8.47	8.06	7.1	1.387	97.5
1080	11/13/2012 19:30:45	12.83	48.52	31.61	8.45	8.06	7.3	1.482	97.3
1081	11/13/2012 19:45:45	12.77	48.75	31.78	8.47	8.06	7.4	1.581	97.5
1082	11/13/2012 20:00:45	12.73	48.80	31.82	8.51	8.06	7.3	1.694	97.9
1083	11/13/2012 20:15:45	12.67	48.97	31.94	8.42	8.05	7.5	1.808	96.9
1084	11/13/2012 20:30:45	12.64	49.12	32.05	8.38	8.05	7.7	1.937	96.3
1085	11/13/2012 20:45:45	12.64	49.15	32.07	8.35	8.04	7.9	2.056	96.0
1086	11/13/2012 21:00:45	12.63	49.18	32.09	8.31	8.04	8.2	2.179	95.6
1087	11/13/2012 21:15:45	12.57	49.26	32.14	8.30	8.04	9.4	2.291	95.4
1088	11/13/2012 21:30:45	12.52	49.28	32.16	8.29	8.03	10.3	2.400	95.2
1089	11/13/2012 21:45:45	12.48	49.38	32.23	8.28	8.03	10.3	2.511	95.0
1090	11/13/2012 22:00:45	12.41	49.07	32.00	8.28	8.03	12.8	2.608	94.8
1091	11/13/2012 22:15:45	12.30	49.55	32.34	8.26	8.02	12.8	2.703	94.5
1092	11/13/2012 22:30:45	12.16	49.68	32.43	8.28	8.02	13.3	2.794	94.5
1093	11/13/2012 22:45:45	12.07	49.76	32.49	8.29	8.02	12.1	2.888	94.5
1094	11/13/2012 23:00:45	12.03	49.77	32.49	8.30	8.02	11.5	2.967	94.5
1095	11/13/2012 23:15:45	11.95	49.96	32.62	8.31	8.02	12.7	3.045	94.5
1096	11/13/2012 23:30:45	11.80	49.93	32.59	8.32	8.02	9.7	3.124	94.4
1097	11/13/2012 23:45:45	11.72	50.20	32.78	8.30	8.02	7.8	3.175	94.1
1098	11/14/2012 0:00:45	11.68	50.17	32.76	8.28	8.02	6.3	3.224	93.7
1099	11/14/2012 0:15:45	11.62	50.26	32.82	8.27	8.02	6.7	3.255	93.6
1100	11/14/2012 0:30:45	11.76	49.83	32.52	8.21	8.01	5.4	3.257	93.0
1101	11/14/2012 0:45:45	11.66	50.23	32.81	8.22	8.01	5.7	3.227	93.0
1102	11/14/2012 1:00:45	11.73	49.96	32.62	8.21	8.01	6.9	3.181	93.0
1103	11/14/2012 1:15:45	11.87	50.06	32.70	8.17	8.01	6.9	3.122	92.9
1104	11/14/2012 1:30:45	12.03	49.82	32.53	8.11	8.01	8.1	3.025	92.4
1105	11/14/2012 1:45:45	11.85	49.91	32.58	8.17	8.01	7.2	2.939	92.7
1106	11/14/2012 2:00:45	11.99	49.98	32.64	8.15	8.01	8.8	2.852	92.8
1107	11/14/2012 2:15:45	12.18	49.62	32.39	8.09	8.01	8.4	2.751	92.4
1108	11/14/2012 2:30:45	12.30	49.49	32.30	8.04	8.01	7.7	2.651	91.9
1109	11/14/2012 2:45:45	12.35	49.39	32.23	8.02	8.01	7.6	2.561	91.8
1110	11/14/2012 3:00:45	12.38	49.41	32.24	7.97	8.01	6.6	2.475	91.3
1111	11/14/2012 3:15:45	12.33	49.46	32.28	7.96	8.00	6.3	2.381	91.1
1112	11/14/2012 3:30:45	12.27	49.53	32.33	8.05	8.00	5.5	2.304	92.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1113	11/14/2012 3:45:45	12.30	49.44	32.26	8.07	8.01	5.9	2.233	92.4
1114	11/14/2012 4:00:45	12.34	49.31	32.17	8.07	8.01	5.8	2.144	92.3
1115	11/14/2012 4:15:45	12.40	49.11	32.03	8.05	8.01	5.7	2.084	92.2
1116	11/14/2012 4:30:45	12.44	49.25	32.13	8.01	8.01	5.3	2.030	91.8
1117	11/14/2012 4:45:45	12.47	49.30	32.17	8.00	8.01	5.2	2.005	91.8
1118	11/14/2012 5:00:45	12.56	49.08	32.02	7.99	8.01	4.8	1.971	91.7
1119	11/14/2012 5:15:45	12.61	49.03	31.98	7.90	8.01	4.4	1.976	90.8
1120	11/14/2012 5:30:45	12.58	48.94	31.91	7.88	8.00	4.3	2.009	90.5
1121	11/14/2012 5:45:45	12.55	49.05	31.99	7.96	8.01	4.5	2.040	91.3
1122	11/14/2012 6:00:45	12.57	49.07	32.01	8.00	8.01	4.8	2.091	91.9
1123	11/14/2012 6:15:45	12.55	49.06	32.00	8.01	8.01	5.7	2.169	92.0
1124	11/14/2012 6:30:45	12.50	48.99	31.94	7.96	8.00	7.6	2.251	91.3
1125	11/14/2012 6:45:45	12.47	49.08	32.01	8.00	8.01	7.2	2.340	91.7
1126	11/14/2012 7:00:45	12.41	49.27	32.14	8.03	8.01	6.4	2.432	92.0
1127	11/14/2012 7:15:45	12.36	49.29	32.16	8.05	8.00	6.3	2.525	92.1
1128	11/14/2012 7:30:45	12.25	49.52	32.32	8.10	8.01	6.6	2.617	92.6
1129	11/14/2012 7:45:45	12.19	49.62	32.39	8.16	8.01	6.4	2.713	93.2
1130	11/14/2012 8:00:45	12.16	49.53	32.32	8.18	8.01	7.9	2.808	93.4
1131	11/14/2012 8:15:45	12.08	49.69	32.44	8.20	8.01	8.6	2.901	93.4
1132	11/14/2012 8:30:45	11.97	49.77	32.49	8.21	8.01	9.1	3.008	93.4
1133	11/14/2012 8:45:45	11.90	50.05	32.69	8.21	8.01	9.2	3.116	93.3
1134	11/14/2012 9:00:45	11.75	49.82	32.52	8.21	8.01	10.0	3.225	93.0
1135	11/14/2012 9:15:45	11.63	50.25	32.82	8.19	8.01	9.4	3.335	92.7
1136	11/14/2012 9:30:45	11.46	50.31	32.85	8.25	8.01	10.3	3.451	93.1
1137	11/14/2012 9:45:45	11.40	50.32	32.86	8.27	8.01	9.5	3.550	93.2
1138	11/14/2012 10:00:45	11.37	50.36	32.88	8.27	8.01	8.4	3.657	93.1
1139	11/14/2012 10:15:45	11.35	50.41	32.92	8.25	8.01	8.1	3.753	92.8
1140	11/14/2012 10:30:45	11.32	50.20	32.77	8.23	8.01	7.5	3.831	92.5
1141	11/14/2012 10:45:45	11.31	50.27	32.82	8.22	8.01	6.3	3.903	92.4
1142	11/14/2012 11:00:45	11.30	50.55	33.02	8.19	8.01	6.1	3.957	92.1
1143	11/14/2012 11:15:45	11.27	50.39	32.90	8.19	8.01	5.8	3.999	92.0
1144	11/14/2012 11:30:45	11.38	50.42	32.93	8.16	8.01	4.6	4.004	91.9
1145	11/14/2012 11:45:45	11.38	50.43	32.94	8.19	8.01	4.5	4.005	92.2
1146	11/14/2012 12:00:45	11.61	50.24	32.81	8.38	8.02	5.0	3.970	94.8
1147	11/14/2012 12:15:45	11.50	50.24	32.81	8.33	8.02	5.5	3.881	94.0
1148	11/14/2012 12:30:45	11.50	50.44	32.95	8.34	8.02	5.9	3.791	94.2
1149	11/14/2012 12:45:45	11.53	50.35	32.88	8.40	8.03	4.9	3.688	94.9
1150	11/14/2012 13:00:45	11.57	50.39	32.92	8.40	8.03	5.2	3.545	95.0
1151	11/14/2012 13:15:45	11.81	50.17	32.77	8.35	8.02	9.0	3.406	94.8
1152	11/14/2012 13:30:45	11.78	50.15	32.75	8.34	8.02	7.7	3.272	94.6
1153	11/14/2012 13:45:45	11.85	50.03	32.67	8.38	8.03	6.5	3.121	95.2
1154	11/14/2012 14:00:45	12.00	49.90	32.59	8.44	8.03	5.9	2.969	96.1
1155	11/14/2012 14:15:45	12.27	49.75	32.49	8.55	8.04	8.2	2.805	97.8
1156	11/14/2012 14:30:45	12.21	49.86	32.56	8.58	8.04	6.5	2.650	98.1
1157	11/14/2012 14:45:45	12.10	50.04	32.69	8.67	8.05	5.6	2.492	99.0
1158	11/14/2012 15:00:45	12.33	49.81	32.54	8.65	8.05	7.2	2.305	99.2
1159	11/14/2012 15:15:45	12.52	49.68	32.45	8.64	8.05	7.5	2.146	99.4
1160	11/14/2012 15:30:45	12.65	49.59	32.39	8.59	8.05	7.8	1.973	99.1
1161	11/14/2012 15:45:45	12.69	49.33	32.20	8.63	8.06	8.6	1.805	99.5
1162	11/14/2012 16:00:45	12.80	49.05	32.00	8.71	8.07	9.0	1.625	100.5
1163	11/14/2012 16:15:45	12.75	49.36	32.22	8.69	8.06	8.6	1.437	100.3
1164	11/14/2012 16:30:45	12.81	49.40	32.26	8.70	8.07	8.0	1.253	100.5
1165	11/14/2012 16:45:45	12.84	49.11	32.04	8.74	8.07	8.3	1.070	100.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	11/14/2012 17:00:45	12.95	49.16	32.08	8.77	8.08	9.9	0.896	101.5
1167	11/14/2012 17:15:45	12.98	49.03	31.99	8.79	8.08	9.5	0.747	101.7
1168	11/14/2012 17:30:45	13.02	49.00	31.97	8.76	8.08	8.6	0.611	101.5
1169	11/14/2012 17:45:45	12.87	49.14	32.07	8.62	8.07	8.4	0.566	99.6
1170	11/14/2012 18:00:45	13.07	48.85	31.87	8.76	8.08	7.9	0.562	101.5
1171	11/14/2012 18:15:45	13.24	48.67	31.74	8.65	8.08	6.8	0.609	100.5
1172	11/14/2012 18:30:45	13.25	48.68	31.75	8.60	8.07	7.0	0.733	100.0
1173	11/14/2012 18:45:45	13.24	48.60	31.69	8.58	8.07	7.5	0.850	99.7
1174	11/14/2012 19:00:45	13.20	48.68	31.75	8.60	8.07	6.5	0.945	99.9
1175	11/14/2012 19:15:45	13.19	48.39	31.53	8.44	8.05	9.0	1.053	97.8
1176	11/14/2012 19:30:45	13.18	48.39	31.54	8.43	8.05	7.8	1.119	97.7
1177	11/14/2012 19:45:45	13.16	48.51	31.62	8.43	8.04	8.4	1.200	97.8
1178	11/14/2012 20:00:45	13.15	48.57	31.67	8.49	8.05	7.8	1.298	98.4
1179	11/14/2012 20:15:45	13.13	48.59	31.68	8.43	8.04	7.9	1.391	97.7
1180	11/14/2012 20:30:45	13.08	48.43	31.56	8.44	8.05	7.5	1.501	97.7
1181	11/14/2012 20:45:45	13.01	48.82	31.84	8.50	8.05	7.8	1.616	98.4
1182	11/14/2012 21:00:45	12.93	49.01	31.98	8.45	8.05	8.3	1.738	97.7
1183	11/14/2012 21:15:45	12.89	49.04	32.00	8.38	8.04	8.4	1.869	96.9
1184	11/14/2012 21:30:45	12.86	49.14	32.07	8.34	8.04	8.6	1.990	96.4
1185	11/14/2012 21:45:45	12.86	49.22	32.13	8.31	8.03	8.4	2.122	96.1
1186	11/14/2012 22:00:45	12.82	49.26	32.15	8.27	8.03	10.0	2.245	95.6
1187	11/14/2012 22:15:45	12.74	49.35	32.22	8.26	8.03	10.4	2.353	95.3
1188	11/14/2012 22:30:45	12.67	49.29	32.17	8.25	8.03	11.4	2.469	95.1
1189	11/14/2012 22:45:45	12.58	49.42	32.26	8.23	8.02	12.3	2.574	94.7
1190	11/14/2012 23:00:45	12.42	49.49	32.31	8.22	8.02	15.1	2.672	94.2
1191	11/14/2012 23:15:45	12.15	49.72	32.46	8.22	8.02	14.4	2.763	93.9
1192	11/14/2012 23:30:45	12.01	49.80	32.51	8.23	8.02	12.7	2.866	93.6
1193	11/14/2012 23:45:45	11.97	49.94	32.61	8.22	8.02	12.9	2.950	93.6
1194	11/15/2012 0:00:45	11.86	49.84	32.53	8.24	8.02	11.4	3.034	93.5
1195	11/15/2012 0:15:45	11.72	49.83	32.52	8.24	8.02	10.9	3.117	93.3
1196	11/15/2012 0:30:45	11.66	50.27	32.83	8.22	8.02	7.8	3.185	93.1
1197	11/15/2012 0:45:45	11.62	50.21	32.79	8.21	8.02	6.7	3.239	92.9
1198	11/15/2012 1:00:45	11.58	50.31	32.86	8.20	8.02	5.5	3.280	92.7
1199	11/15/2012 1:15:45	11.55	50.18	32.77	8.18	8.03	4.5	3.304	92.4
1200	11/15/2012 1:30:45	11.68	50.09	32.71	8.11	8.02	5.0	3.289	91.8
1201	11/15/2012 1:45:45	11.64	50.22	32.80	8.16	8.02	6.4	3.250	92.3
1202	11/15/2012 2:00:45	11.64	50.17	32.76	8.12	8.02	6.5	3.195	91.9
1203	11/15/2012 2:15:45	11.81	49.97	32.62	8.08	8.01	7.2	3.126	91.6
1204	11/15/2012 2:30:45	11.70	50.01	32.65	8.08	8.01	6.7	3.023	91.4
1205	11/15/2012 2:45:45	11.60	50.21	32.79	8.14	8.01	6.5	2.921	92.1
1206	11/15/2012 3:00:45	11.89	49.86	32.55	8.08	8.01	7.1	2.823	91.7
1207	11/15/2012 3:15:45	12.04	49.65	32.40	8.00	8.01	7.1	2.721	91.1
1208	11/15/2012 3:30:45	12.10	49.45	32.26	7.95	8.00	7.0	2.628	90.6
1209	11/15/2012 3:45:45	12.15	49.22	32.10	7.98	8.01	6.4	2.536	90.9
1210	11/15/2012 4:00:45	12.18	49.51	32.31	7.96	8.01	5.9	2.457	90.9
1211	11/15/2012 4:15:45	12.11	49.54	32.32	7.92	8.00	5.7	2.377	90.2
1212	11/15/2012 4:30:45	12.13	49.59	32.37	7.99	8.00	6.1	2.302	91.1
1213	11/15/2012 4:45:45	12.09	49.46	32.27	8.06	8.01	5.4	2.234	91.7
1214	11/15/2012 5:00:45	12.16	49.43	32.25	8.06	8.01	5.6	2.165	91.9
1215	11/15/2012 5:15:45	12.29	49.31	32.17	8.06	8.01	5.7	2.125	92.1
1216	11/15/2012 5:30:45	12.25	49.37	32.21	8.02	8.01	5.1	2.070	91.6
1217	11/15/2012 5:45:45	12.27	49.28	32.14	7.96	8.00	5.0	2.042	91.0
1218	11/15/2012 6:00:45	12.43	49.16	32.06	8.01	8.01	4.6	2.045	91.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1219	11/15/2012 6:15:45	12.34	49.12	32.03	7.89	8.00	4.2	2.042	90.2
1220	11/15/2012 6:30:45	12.33	49.01	31.95	7.94	8.00	4.9	2.070	90.7
1221	11/15/2012 6:45:45	12.35	49.05	31.98	8.00	8.01	4.8	2.122	91.4
1222	11/15/2012 7:00:45	12.38	49.19	32.08	8.01	8.01	5.4	2.190	91.7
1223	11/15/2012 7:15:45	12.28	49.14	32.04	8.02	8.00	6.1	2.254	91.6
1224	11/15/2012 7:30:45	12.18	49.18	32.07	8.00	8.00	7.2	2.341	91.2
1225	11/15/2012 7:45:45	12.18	49.35	32.19	8.03	8.00	6.5	2.437	91.5
1226	11/15/2012 8:00:45	12.14	49.53	32.32	8.02	8.00	6.5	2.517	91.5
1227	11/15/2012 8:15:45	12.07	49.62	32.39	8.06	8.01	6.5	2.609	91.8
1228	11/15/2012 8:30:45	11.98	49.64	32.40	8.13	8.01	6.2	2.698	92.5
1229	11/15/2012 8:45:45	11.96	49.92	32.60	8.15	8.01	7.1	2.797	92.7
1230	11/15/2012 9:00:45	11.91	49.91	32.59	8.16	8.01	7.5	2.901	92.7
1231	11/15/2012 9:15:45	11.78	50.03	32.66	8.17	8.01	8.5	3.003	92.7
1232	11/15/2012 9:30:45	11.72	49.82	32.51	8.18	8.02	8.2	3.114	92.6
1233	11/15/2012 9:45:45	11.61	50.04	32.66	8.18	8.02	8.2	3.222	92.4
1234	11/15/2012 10:00:45	11.50	50.11	32.71	8.18	8.02	7.8	3.334	92.2
1235	11/15/2012 10:15:45	11.42	50.22	32.79	8.21	8.03	6.5	3.442	92.4
1236	11/15/2012 10:30:45	11.37	50.36	32.88	8.21	8.03	6.9	3.546	92.4
1237	11/15/2012 10:45:45	11.33	50.46	32.96	8.19	8.03	6.5	3.642	92.2
1238	11/15/2012 11:00:45	11.31	50.38	32.90	8.20	8.03	5.0	3.737	92.2
1239	11/15/2012 11:15:45	11.31	50.48	32.97	8.20	8.03	4.3	3.816	92.2
1240	11/15/2012 11:30:45	11.32	50.48	32.97	8.19	8.04	4.1	3.880	92.2
1241	11/15/2012 11:45:45	11.33	50.39	32.91	8.19	8.04	3.6	3.944	92.1
1242	11/15/2012 12:00:44	11.34	50.46	32.96	8.17	8.04	3.4	3.981	92.0
1243	11/15/2012 12:15:44	11.50	50.35	32.89	8.23	8.04	3.4	3.992	92.9
1244	11/15/2012 12:30:44	11.42	50.44	32.95	8.15	8.03	3.9	3.982	91.9
1245	11/15/2012 12:45:44	11.51	50.12	32.72	8.23	8.04	3.7	3.954	92.9
1246	11/15/2012 13:00:44	11.50	50.44	32.95	8.28	8.04	4.0	3.881	93.5
1247	11/15/2012 13:15:44	11.54	50.33	32.87	8.32	8.04	4.6	3.780	94.0
1248	11/15/2012 13:30:44	11.57	50.28	32.84	8.35	8.05	4.1	3.675	94.4
1249	11/15/2012 13:45:44	11.55	50.46	32.97	8.34	8.04	4.0	3.542	94.3
1250	11/15/2012 14:00:44	11.70	50.29	32.85	8.31	8.04	6.3	3.412	94.2
1251	11/15/2012 14:15:44	11.64	50.32	32.87	8.32	8.04	6.8	3.269	94.2
1252	11/15/2012 14:30:44	11.68	50.29	32.85	8.33	8.04	6.1	3.119	94.4
1253	11/15/2012 14:45:44	11.82	50.20	32.80	8.40	8.05	5.3	2.975	95.4
1254	11/15/2012 15:00:44	12.00	50.05	32.70	8.49	8.05	5.3	2.822	96.7
1255	11/15/2012 15:15:44	12.00	49.99	32.65	8.45	8.05	6.2	2.668	96.2
1256	11/15/2012 15:30:44	11.88	49.93	32.60	8.52	8.05	4.9	2.508	96.7
1257	11/15/2012 15:45:44	11.97	49.94	32.61	8.53	8.05	5.6	2.345	97.0
1258	11/15/2012 16:00:44	12.00	49.87	32.56	8.57	8.06	5.6	2.184	97.6
1259	11/15/2012 16:15:44	12.22	49.38	32.21	8.47	8.05	6.9	2.009	96.6
1260	11/15/2012 16:30:44	12.30	49.48	32.29	8.43	8.04	7.6	1.836	96.5
1261	11/15/2012 16:45:44	12.37	49.48	32.29	8.50	8.05	9.7	1.660	97.4
1262	11/15/2012 17:00:44	12.41	49.41	32.24	8.53	8.05	11.2	1.485	97.8
1263	11/15/2012 17:15:44	12.49	49.45	32.28	8.50	8.05	11.5	1.296	97.7
1264	11/15/2012 17:30:44	12.48	49.40	32.24	8.46	8.05	9.2	1.124	97.1
1265	11/15/2012 17:45:44	12.51	49.28	32.15	8.44	8.04	9.5	0.964	96.9
1266	11/15/2012 18:00:44	12.58	49.19	32.09	8.44	8.05	9.7	0.802	97.0
1267	11/15/2012 18:15:44	12.62	49.26	32.15	8.43	8.05	8.7	0.672	97.0
1268	11/15/2012 18:30:44	12.62	49.22	32.12	8.44	8.05	9.0	0.580	97.1
1269	11/15/2012 18:45:44	12.61	49.06	32.00	8.41	8.05	8.0	0.551	96.7
1270	11/15/2012 19:00:44	12.64	49.14	32.06	8.44	8.05	7.0	0.591	97.1
1271	11/15/2012 19:15:44	12.63	48.72	31.75	8.31	8.03	6.6	0.683	95.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1272	11/15/2012 19:30:44	12.63	48.86	31.86	8.31	8.03	6.7	0.809	95.5
1273	11/15/2012 19:45:44	12.63	48.88	31.87	8.32	8.04	5.9	0.921	95.6
1274	11/15/2012 20:00:44	12.65	48.92	31.90	8.37	8.04	5.9	1.032	96.2
1275	11/15/2012 20:15:44	12.45	48.46	31.56	8.22	8.01	7.9	1.103	93.9
1276	11/15/2012 20:30:44	12.55	48.57	31.64	8.23	8.02	7.0	1.176	94.2
1277	11/15/2012 20:45:44	12.53	48.67	31.71	8.26	8.02	7.6	1.276	94.6
1278	11/15/2012 21:00:44	12.51	48.66	31.71	8.28	8.02	7.3	1.364	94.8
1279	11/15/2012 21:15:44	12.52	48.90	31.88	8.33	8.03	7.2	1.467	95.5
1280	11/15/2012 21:30:44	12.52	48.93	31.90	8.35	8.03	7.0	1.572	95.7
1281	11/15/2012 21:45:44	12.50	49.11	32.03	8.36	8.03	7.6	1.694	95.8
1282	11/15/2012 22:00:44	12.48	49.20	32.10	8.30	8.03	7.8	1.824	95.2
1283	11/15/2012 22:15:44	12.47	49.20	32.10	8.28	8.03	7.7	1.948	94.9
1284	11/15/2012 22:30:44	12.47	49.37	32.22	8.25	8.03	7.9	2.079	94.7
1285	11/15/2012 22:45:44	12.45	49.38	32.23	8.24	8.02	8.6	2.203	94.5
1286	11/15/2012 23:00:44	12.39	49.40	32.23	8.23	8.02	8.8	2.319	94.2
1287	11/15/2012 23:15:44	12.35	49.52	32.32	8.22	8.02	9.2	2.431	94.1
1288	11/15/2012 23:30:44	12.28	49.44	32.26	8.21	8.02	10.3	2.541	93.9
1289	11/15/2012 23:45:44	12.14	49.57	32.35	8.19	8.02	12.6	2.638	93.5
1290	11/16/2012 0:00:44	11.96	49.76	32.48	8.19	8.02	11.7	2.735	93.1
1291	11/16/2012 0:15:44	11.85	49.71	32.44	8.19	8.02	10.0	2.828	92.9
1292	11/16/2012 0:30:44	11.79	49.76	32.47	8.19	8.02	9.9	2.918	92.8
1293	11/16/2012 0:45:44	11.75	50.05	32.68	8.19	8.03	8.7	3.003	92.8
1294	11/16/2012 1:00:44	11.74	49.82	32.51	8.21	8.03	8.1	3.086	92.9
1295	11/16/2012 1:15:44	11.75	50.13	32.74	8.21	8.04	7.8	3.162	93.0
1296	11/16/2012 1:30:44	11.75	49.92	32.59	8.20	8.04	5.7	3.226	92.9
1297	11/16/2012 1:45:44	11.74	50.21	32.80	8.18	8.04	5.4	3.274	92.7
1298	11/16/2012 2:00:44	11.75	49.90	32.57	8.17	8.04	4.7	3.313	92.5
1299	11/16/2012 2:15:44	11.79	49.76	32.47	8.13	8.03	4.8	3.322	92.1
1300	11/16/2012 2:30:44	11.76	50.25	32.83	8.08	8.04	4.4	3.294	91.6
1301	11/16/2012 2:45:44	11.73	50.02	32.66	8.01	8.02	6.4	3.245	90.8
1302	11/16/2012 3:00:44	11.78	50.17	32.77	8.06	8.03	5.6	3.189	91.5
1303	11/16/2012 3:15:44	11.78	49.69	32.42	7.94	8.00	6.8	3.094	89.9
1304	11/16/2012 3:30:44	11.74	50.18	32.77	8.10	8.03	5.1	2.998	91.8
1305	11/16/2012 3:45:44	11.74	49.82	32.52	8.11	8.03	5.1	2.904	91.8
1306	11/16/2012 4:00:44	11.82	49.57	32.34	8.03	8.01	6.5	2.802	90.9
1307	11/16/2012 4:15:44	11.88	49.75	32.47	7.97	8.01	6.5	2.714	90.4
1308	11/16/2012 4:30:44	11.92	49.60	32.36	7.93	8.00	5.8	2.619	90.0
1309	11/16/2012 4:45:44	11.95	49.43	32.24	7.93	8.00	5.9	2.534	90.0
1310	11/16/2012 5:00:44	11.96	49.55	32.33	7.93	8.00	5.6	2.457	90.1
1311	11/16/2012 5:15:44	11.86	49.64	32.39	7.85	7.99	5.2	2.388	89.1
1312	11/16/2012 5:30:44	11.89	49.56	32.33	7.95	8.00	5.0	2.314	90.2
1313	11/16/2012 5:45:44	11.96	49.71	32.45	8.00	8.01	5.7	2.251	90.9
1314	11/16/2012 6:00:44	11.96	49.66	32.41	7.98	8.01	5.9	2.203	90.7
1315	11/16/2012 6:15:44	12.01	49.56	32.34	7.99	8.01	5.6	2.160	90.8
1316	11/16/2012 6:30:44	12.01	49.63	32.39	7.96	8.00	4.7	2.120	90.5
1317	11/16/2012 6:45:44	12.06	49.26	32.12	7.96	8.00	4.5	2.111	90.5
1318	11/16/2012 7:00:44	12.06	49.10	32.01	7.87	7.99	4.6	2.108	89.4
1319	11/16/2012 7:15:44	12.04	49.03	31.95	7.88	7.99	4.8	2.123	89.4
1320	11/16/2012 7:30:44	12.02	49.28	32.13	7.90	7.99	4.9	2.160	89.8
1321	11/16/2012 7:45:44	12.04	49.42	32.23	7.93	7.99	4.8	2.204	90.2
1322	11/16/2012 8:00:44	12.05	49.45	32.26	7.96	8.00	5.2	2.266	90.5
1323	11/16/2012 8:15:44	11.97	49.37	32.19	7.96	7.99	6.4	2.343	90.4
1324	11/16/2012 8:30:44	11.94	49.35	32.18	7.99	8.00	6.1	2.420	90.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1325	11/16/2012 8:45:44	11.93	49.34	32.17	8.00	8.00	5.7	2.503	90.7
1326	11/16/2012 9:00:44	11.91	49.74	32.46	8.00	8.00	5.5	2.599	90.8
1327	11/16/2012 9:15:44	11.86	49.94	32.60	8.06	8.01	5.7	2.684	91.5
1328	11/16/2012 9:30:44	11.87	49.60	32.36	8.13	8.02	5.8	2.773	92.2
1329	11/16/2012 9:45:44	11.88	50.05	32.69	8.12	8.02	6.2	2.869	92.3
1330	11/16/2012 10:00:44	11.85	49.72	32.45	8.15	8.03	6.8	2.964	92.4
1331	11/16/2012 10:15:44	11.84	50.08	32.70	8.15	8.03	6.8	3.072	92.5
1332	11/16/2012 10:30:44	11.84	50.23	32.81	8.15	8.04	7.3	3.163	92.6
1333	11/16/2012 10:45:44	11.81	49.93	32.60	8.17	8.04	6.5	3.281	92.7
1334	11/16/2012 11:00:44	11.81	50.24	32.82	8.19	8.04	7.2	3.375	93.0
1335	11/16/2012 11:15:44	11.81	50.38	32.92	8.20	8.05	6.4	3.475	93.3
1336	11/16/2012 11:30:44	11.82	50.36	32.91	8.22	8.05	5.6	3.562	93.4
1337	11/16/2012 11:45:44	11.82	50.42	32.95	8.22	8.06	10.1	3.658	93.5
1338	11/16/2012 12:00:44	11.84	50.04	32.68	8.25	8.06	4.0	3.730	93.6
1339	11/16/2012 12:15:44	11.86	50.46	32.99	8.23	8.06	3.5	3.790	93.7
Mean		13.31	49.46	32.31	8.25	8.03	5.67	2.41	96.39
Minimum		11.27	44.74	28.91	7.41	7.96	3.20	0.55	87.70
Maximum		15.73	50.55	33.02	9.53	8.15	17.70	4.01	116.20

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

Daylight Savings Time Ends 11/4/12 @ 02:00:00; Repeat measurements at 01:00:50-01:45:50 due to recordings in PST/PDS

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	11/16/2012 13:01:33	11.85	49.77	32.48	9.02	8.00	2.8	4.122	102.4
1	11/16/2012 13:16:33	11.87	49.72	32.45	9.01	8.01	3.3	4.126	102.2
2	11/16/2012 13:31:33	11.92	49.66	32.41	8.97	8.01	3.6	4.103	101.9
3	11/16/2012 13:46:33	11.91	49.71	32.44	9.04	8.02	3.9	4.064	102.7
4	11/16/2012 14:01:33	11.95	49.73	32.45	9.17	8.04	3.9	3.984	104.2
5	11/16/2012 14:16:33	11.96	49.64	32.39	9.10	8.03	4.3	3.887	103.4
6	11/16/2012 14:31:33	11.92	49.74	32.46	9.07	8.03	4.3	3.771	103.1
7	11/16/2012 14:46:33	11.93	49.65	32.40	9.06	8.03	7.3	3.657	102.8
8	11/16/2012 15:01:33	11.91	49.54	32.32	9.03	8.02	6.6	3.531	102.4
9	11/16/2012 15:16:33	11.90	49.55	32.32	8.98	8.03	6.4	3.382	101.9
10	11/16/2012 15:31:33	11.94	49.44	32.25	9.01	8.03	6.3	3.247	102.2
11	11/16/2012 15:46:33	11.96	49.39	32.21	8.99	8.02	5.7	3.104	102.1
12	11/16/2012 16:01:33	11.99	49.32	32.16	8.97	8.02	5.6	2.942	101.8
13	11/16/2012 16:16:33	11.96	49.42	32.23	8.94	8.02	5.9	2.796	101.5
14	11/16/2012 16:31:33	11.93	49.47	32.27	8.91	8.03	5.3	2.640	101.1
15	11/16/2012 16:46:33	11.92	49.48	32.27	8.87	8.03	4.9	2.493	100.7
16	11/16/2012 17:01:33	12.00	49.29	32.14	8.89	8.02	5.7	2.322	101.0
17	11/16/2012 17:16:33	12.05	49.20	32.08	8.85	8.01	6.1	2.167	100.6
18	11/16/2012 17:31:33	12.07	49.17	32.05	8.82	8.01	7.8	1.998	100.2
19	11/16/2012 17:46:33	12.10	49.11	32.02	8.79	8.01	9.2	1.829	99.9
20	11/16/2012 18:01:33	12.17	48.99	31.93	8.83	8.01	10.8	1.680	100.5
21	11/16/2012 18:16:33	12.18	48.97	31.91	8.83	8.01	9.2	1.510	100.5
22	11/16/2012 18:31:33	12.22	48.89	31.86	8.83	8.01	8.9	1.355	100.5
23	11/16/2012 18:46:33	12.26	48.83	31.82	8.79	8.00	9.0	1.197	100.1
24	11/16/2012 19:01:33	12.31	48.70	31.73	8.76	8.00	9.3	1.075	99.9
25	11/16/2012 19:16:33	12.32	48.70	31.73	8.70	8.00	7.9	0.998	99.2
26	11/16/2012 19:31:33	12.32	48.71	31.73	8.66	8.00	6.2	0.913	98.7
27	11/16/2012 19:46:33	12.31	48.72	31.74	8.72	8.00	7.6	0.910	99.4
28	11/16/2012 20:01:33	12.32	48.68	31.71	8.75	8.00	6.4	0.964	99.8
29	11/16/2012 20:16:33	12.36	48.51	31.59	8.67	7.99	5.5	1.021	98.8
30	11/16/2012 20:31:33	12.33	48.45	31.54	8.64	7.98	5.6	1.142	98.5
31	11/16/2012 20:46:33	12.31	48.41	31.52	8.65	7.98	5.9	1.248	98.5
32	11/16/2012 21:01:33	12.20	48.18	31.35	8.64	7.97	6.1	1.363	98.0
33	11/16/2012 21:16:33	12.14	47.98	31.20	8.57	7.95	7.1	1.422	97.0
34	11/16/2012 21:31:33	12.18	48.13	31.31	8.59	7.97	6.7	1.510	97.4
35	11/16/2012 21:46:33	12.16	48.13	31.31	8.64	7.97	6.7	1.602	97.9
36	11/16/2012 22:01:33	12.20	48.42	31.52	8.71	7.98	6.7	1.716	99.0
37	11/16/2012 22:16:33	12.21	48.52	31.59	8.75	7.99	6.3	1.818	99.5
38	11/16/2012 22:31:33	12.20	48.57	31.63	8.75	8.00	6.2	1.926	99.5
39	11/16/2012 22:46:33	12.20	43.28	27.83	9.00	8.00	6.8	2.061	99.9
40	11/16/2012 23:01:33	12.21	45.96	29.74	8.89	8.00	6.9	2.152	99.9
41	11/16/2012 23:16:33	12.21	47.15	30.60	8.84	8.00	7.0	2.276	99.8
42	11/16/2012 23:31:33	12.20	45.79	29.63	8.89	8.00	7.5	2.394	99.8
43	11/16/2012 23:46:33	12.17	45.86	29.68	8.90	8.00	8.1	2.519	99.9
44	11/17/2012 0:01:33	12.15	46.21	29.92	8.90	8.01	8.9	2.623	100.0
45	11/17/2012 0:16:33	12.13	46.54	30.16	8.89	8.01	10.2	2.717	100.0
46	11/17/2012 0:31:33	12.09	49.06	31.98	8.81	8.01	10.3	2.802	100.1
47	11/17/2012 0:46:33	12.05	49.20	32.07	8.85	8.02	11.9	2.902	100.6
48	11/17/2012 1:01:33	12.01	49.33	32.17	8.91	8.03	11.4	2.992	101.2
49	11/17/2012 1:16:33	11.99	49.38	32.21	8.91	8.03	10.3	3.100	101.2
50	11/17/2012 1:31:33	11.96	49.44	32.25	8.95	8.03	9.6	3.189	101.6
51	11/17/2012 1:46:33	11.93	49.49	32.28	8.98	8.03	10.0	3.278	101.9
52	11/17/2012 2:01:33	11.87	49.54	32.32	9.02	8.03	8.7	3.373	102.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	11/17/2012 2:16:33	11.82	49.59	32.35	9.05	8.04	7.6	3.450	102.6
54	11/17/2012 2:31:33	11.80	49.61	32.36	9.06	8.04	6.0	3.491	102.6
55	11/17/2012 2:46:33	11.77	49.64	32.38	9.06	8.04	5.1	3.549	102.6
56	11/17/2012 3:01:33	11.87	49.49	32.28	8.88	8.03	3.9	3.547	100.6
57	11/17/2012 3:16:33	11.81	49.59	32.35	8.90	8.03	5.1	3.561	100.8
58	11/17/2012 3:31:33	11.83	49.56	32.33	8.88	8.03	4.6	3.534	100.7
59	11/17/2012 3:46:33	11.86	49.53	32.30	8.85	8.03	5.9	3.472	100.3
60	11/17/2012 4:01:33	11.86	49.52	32.30	8.86	8.03	7.3	3.405	100.4
61	11/17/2012 4:16:33	11.89	49.53	32.31	8.80	8.02	6.0	3.312	99.8
62	11/17/2012 4:31:33	11.83	49.57	32.34	8.86	8.02	5.3	3.228	100.4
63	11/17/2012 4:46:33	11.91	48.90	31.85	8.81	8.02	5.4	3.124	99.6
64	11/17/2012 5:01:33	11.99	47.83	31.08	8.70	8.01	6.7	3.043	98.1
65	11/17/2012 5:16:33	12.00	47.34	30.73	8.69	8.01	6.3	2.960	97.8
66	11/17/2012 5:31:33	12.04	47.70	30.99	8.58	8.00	6.1	2.868	96.8
67	11/17/2012 5:46:33	12.07	47.37	30.75	8.48	7.99	5.2	2.804	95.6
68	11/17/2012 6:01:33	12.08	46.92	30.43	8.52	7.99	5.0	2.729	95.9
69	11/17/2012 6:16:33	12.09	46.87	30.39	8.53	7.99	5.7	2.662	96.0
70	11/17/2012 6:31:33	12.10	47.06	30.53	8.50	7.99	5.2	2.608	95.8
71	11/17/2012 6:46:33	12.09	46.79	30.34	8.62	8.00	5.3	2.545	97.0
72	11/17/2012 7:01:33	12.06	46.43	30.08	8.59	7.99	4.6	2.504	96.4
73	11/17/2012 7:16:33	12.08	46.39	30.05	8.59	7.99	4.8	2.462	96.5
74	11/17/2012 7:31:33	12.11	45.91	29.71	8.55	7.99	4.8	2.445	95.8
75	11/17/2012 7:46:33	12.14	45.17	29.18	8.55	7.99	4.4	2.417	95.6
76	11/17/2012 8:01:33	12.16	45.13	29.15	8.42	7.97	4.1	2.413	94.2
77	11/17/2012 8:16:33	12.16	44.96	29.03	8.42	7.96	4.2	2.426	94.1
78	11/17/2012 8:31:33	12.14	45.68	29.54	8.48	7.97	4.3	2.458	95.0
79	11/17/2012 8:46:33	12.15	44.78	28.90	8.55	7.97	4.3	2.476	95.5
80	11/17/2012 9:01:33	12.15	43.96	28.31	8.66	7.98	4.5	2.527	96.4
81	11/17/2012 9:16:34	12.14	44.46	28.67	8.66	7.99	5.1	2.602	96.5
82	11/17/2012 9:31:33	12.12	44.30	28.56	8.67	7.98	6.5	2.669	96.5
83	11/17/2012 9:46:33	12.11	43.85	28.23	8.72	7.99	5.3	2.742	96.9
84	11/17/2012 10:01:33	12.09	44.21	28.49	8.74	7.99	5.0	2.818	97.2
85	11/17/2012 10:16:33	12.07	44.15	28.44	8.78	8.00	5.0	2.895	97.5
86	11/17/2012 10:31:33	12.02	44.12	28.43	8.93	8.01	5.4	2.990	99.1
87	11/17/2012 10:46:33	12.00	44.55	28.73	8.98	8.02	5.1	3.062	99.8
88	11/17/2012 11:01:33	11.99	44.91	28.99	8.99	8.02	5.2	3.137	100.1
89	11/17/2012 11:16:33	11.96	46.52	30.14	8.99	8.03	5.6	3.240	100.7
90	11/17/2012 11:31:33	11.92	46.66	30.24	9.02	8.03	5.9	3.313	101.1
91	11/17/2012 11:46:33	11.89	46.55	30.16	9.06	8.03	5.5	3.392	101.4
92	11/17/2012 12:01:33	11.86	46.64	30.22	9.08	8.03	5.8	3.494	101.6
93	11/17/2012 12:16:33	11.83	46.67	30.24	9.12	8.03	5.7	3.587	101.9
94	11/17/2012 12:31:33	11.79	46.38	30.03	9.16	8.04	6.2	3.674	102.3
95	11/17/2012 12:46:33	11.76	46.56	30.16	9.18	8.04	5.4	3.750	102.4
96	11/17/2012 13:01:33	11.74	46.56	30.16	9.18	8.04	5.2	3.850	102.4
97	11/17/2012 13:16:33	11.72	46.63	30.20	9.20	8.04	4.7	3.913	102.6
98	11/17/2012 13:31:33	11.72	46.56	30.16	9.19	8.04	3.6	3.960	102.4
99	11/17/2012 13:46:33	11.72	46.54	30.14	9.15	8.04	3.3	3.974	101.9
100	11/17/2012 14:01:33	11.76	46.57	30.17	9.02	8.03	3.9	3.984	100.6
101	11/17/2012 14:16:33	11.77	46.10	29.83	9.05	8.03	3.8	3.975	100.8
102	11/17/2012 14:31:33	11.72	43.10	27.69	9.20	8.03	4.0	3.931	101.0
103	11/17/2012 14:46:33	11.77	49.55	32.32	8.90	8.03	4.5	3.853	100.7
104	11/17/2012 15:01:33	11.77	49.32	32.15	8.89	8.03	5.2	3.765	100.4
105	11/17/2012 15:16:33	11.77	49.35	32.17	8.93	8.03	4.3	3.670	101.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	11/17/2012 15:31:33	11.82	49.22	32.08	8.93	8.03	4.3	3.570	100.9
107	11/17/2012 15:46:33	11.97	49.12	32.01	8.91	8.03	5.6	3.443	101.1
108	11/17/2012 16:01:33	11.94	49.23	32.10	8.91	8.03	5.1	3.333	101.0
109	11/17/2012 16:16:33	11.97	49.21	32.08	8.89	8.02	4.6	3.219	100.8
110	11/17/2012 16:31:33	12.05	49.07	31.99	8.82	8.01	4.5	3.097	100.2
111	11/17/2012 16:46:33	12.05	49.03	31.95	8.79	8.01	5.4	2.972	99.8
112	11/17/2012 17:01:33	12.09	48.94	31.89	8.77	8.01	5.3	2.834	99.7
113	11/17/2012 17:16:33	12.02	49.03	31.95	8.78	8.02	5.6	2.692	99.6
114	11/17/2012 17:31:33	11.99	49.04	31.96	8.77	8.01	6.0	2.547	99.4
115	11/17/2012 17:46:33	11.84	49.14	32.03	8.76	8.01	5.4	2.407	99.1
116	11/17/2012 18:01:33	11.87	49.02	31.94	8.71	8.00	6.4	2.254	98.6
117	11/17/2012 18:16:33	11.95	48.90	31.86	8.65	8.00	7.3	2.109	97.9
118	11/17/2012 18:31:33	11.96	48.83	31.80	8.58	7.99	8.6	1.957	97.1
119	11/17/2012 18:46:33	11.98	48.73	31.73	8.57	7.99	8.7	1.823	97.0
120	11/17/2012 19:01:33	11.99	48.66	31.68	8.55	7.98	9.0	1.670	96.8
121	11/17/2012 19:16:33	12.05	48.57	31.62	8.58	7.98	8.8	1.530	97.2
122	11/17/2012 19:31:33	12.08	48.53	31.59	8.57	7.99	8.1	1.394	97.1
123	11/17/2012 19:46:33	12.07	48.48	31.56	8.54	7.98	8.1	1.261	96.8
124	11/17/2012 20:01:33	12.07	48.40	31.50	8.52	7.97	8.9	1.193	96.5
125	11/17/2012 20:16:33	12.10	48.35	31.47	8.52	7.98	8.6	1.106	96.5
126	11/17/2012 20:31:33	12.07	48.28	31.41	8.50	7.97	7.6	1.079	96.2
127	11/17/2012 20:46:33	11.99	48.42	31.51	8.51	7.97	7.4	1.100	96.3
128	11/17/2012 21:01:33	12.06	48.23	31.37	8.63	7.98	5.7	1.143	97.6
129	11/17/2012 21:16:33	12.08	48.24	31.39	8.63	7.98	5.9	1.230	97.7
130	11/17/2012 21:31:33	12.07	48.17	31.33	8.63	7.97	5.7	1.312	97.7
131	11/17/2012 21:46:33	12.04	48.19	31.34	8.63	7.97	5.6	1.402	97.6
132	11/17/2012 22:01:33	12.05	47.92	31.15	8.58	7.96	6.1	1.513	96.9
133	11/17/2012 22:16:33	12.05	47.78	31.05	8.57	7.96	6.2	1.580	96.7
134	11/17/2012 22:31:33	12.05	47.68	30.98	8.54	7.95	6.4	1.687	96.4
135	11/17/2012 22:46:33	12.01	47.62	30.93	8.54	7.95	6.2	1.790	96.3
136	11/17/2012 23:01:33	12.05	47.89	31.13	8.57	7.96	6.6	1.869	96.8
137	11/17/2012 23:16:33	12.03	48.05	31.24	8.58	7.96	6.4	1.983	97.0
138	11/17/2012 23:31:33	12.08	48.28	31.41	8.59	7.97	6.1	2.105	97.3
139	11/17/2012 23:46:33	12.06	48.38	31.48	8.60	7.98	6.4	2.212	97.4
140	11/18/2012 0:01:33	12.03	48.44	31.52	8.61	7.98	6.4	2.304	97.4
141	11/18/2012 0:16:33	12.01	48.47	31.55	8.60	7.98	6.7	2.421	97.3
142	11/18/2012 0:31:33	12.00	48.56	31.61	8.61	7.98	7.0	2.527	97.5
143	11/18/2012 0:46:33	11.98	48.60	31.64	8.62	7.98	7.2	2.629	97.5
144	11/18/2012 1:01:33	11.97	48.64	31.67	8.63	7.99	8.3	2.748	97.6
145	11/18/2012 1:16:33	11.95	48.68	31.70	8.64	7.99	8.7	2.832	97.7
146	11/18/2012 1:31:33	11.86	48.78	31.76	8.70	7.99	9.2	2.912	98.3
147	11/18/2012 1:46:33	11.83	48.87	31.83	8.75	8.00	10.0	3.028	98.8
148	11/18/2012 2:01:33	11.75	49.01	31.92	8.87	8.00	10.0	3.120	100.1
149	11/18/2012 2:16:33	11.68	49.14	32.01	8.97	8.01	8.9	3.190	101.1
150	11/18/2012 2:31:33	11.66	49.21	32.07	9.03	8.01	7.6	3.282	101.7
151	11/18/2012 2:46:33	11.65	49.35	32.17	9.11	8.02	7.8	3.370	102.7
152	11/18/2012 3:01:33	11.65	49.49	32.27	9.16	8.02	6.4	3.428	103.4
153	11/18/2012 3:16:33	11.64	49.54	32.31	9.16	8.03	5.4	3.494	103.3
154	11/18/2012 3:31:33	11.61	49.52	32.29	9.13	8.03	4.5	3.527	103.0
155	11/18/2012 3:46:33	11.63	49.58	32.34	9.16	8.03	3.6	3.542	103.4
156	11/18/2012 4:01:33	11.60	49.38	32.18	8.95	8.01	4.8	3.578	100.8
157	11/18/2012 4:16:33	11.63	49.52	32.29	9.04	8.02	4.2	3.542	102.0
158	11/18/2012 4:31:33	11.64	49.49	32.27	9.02	8.02	5.0	3.511	101.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	11/18/2012 4:46:33	11.62	49.45	32.23	8.99	8.02	5.0	3.449	101.3
160	11/18/2012 5:01:33	11.57	49.26	32.10	8.90	8.00	5.3	3.389	100.2
161	11/18/2012 5:16:33	11.50	49.17	32.03	8.78	7.99	5.5	3.325	98.5
162	11/18/2012 5:31:33	11.54	49.39	32.19	8.97	8.01	5.3	3.217	100.9
163	11/18/2012 5:46:33	11.55	49.18	32.04	8.86	8.00	5.3	3.111	99.5
164	11/18/2012 6:01:33	11.55	48.97	31.89	8.67	7.99	5.6	3.058	97.3
165	11/18/2012 6:16:33	11.51	48.85	31.80	8.60	7.97	5.7	2.970	96.4
166	11/18/2012 6:31:33	11.48	48.75	31.72	8.48	7.97	5.7	2.916	95.0
167	11/18/2012 6:46:33	11.45	48.67	31.67	8.46	7.96	5.7	2.839	94.7
168	11/18/2012 7:01:33	11.48	48.67	31.67	8.48	7.96	5.6	2.757	95.0
169	11/18/2012 7:16:33	11.48	48.68	31.67	8.49	7.96	5.3	2.701	95.1
170	11/18/2012 7:31:33	11.34	48.58	31.59	8.43	7.95	5.4	2.630	94.1
171	11/18/2012 7:46:33	11.47	48.60	31.61	8.46	7.96	5.7	2.595	94.7
172	11/18/2012 8:01:33	11.51	48.61	31.63	8.49	7.96	5.4	2.538	95.2
173	11/18/2012 8:16:33	11.51	48.55	31.58	8.49	7.96	5.2	2.512	95.0
174	11/18/2012 8:31:33	11.48	48.51	31.55	8.47	7.95	4.9	2.451	94.7
175	11/18/2012 8:46:33	11.45	48.45	31.50	8.46	7.95	4.7	2.452	94.6
176	11/18/2012 9:01:33	11.45	48.41	31.47	8.39	7.95	4.6	2.452	93.8
177	11/18/2012 9:16:33	11.46	48.34	31.43	8.50	7.95	4.2	2.438	95.0
178	11/18/2012 9:31:33	11.47	48.43	31.49	8.53	7.95	4.8	2.455	95.4
179	11/18/2012 9:46:33	11.47	48.47	31.52	8.54	7.95	4.9	2.499	95.5
180	11/18/2012 10:01:33	11.49	48.52	31.56	8.56	7.95	5.0	2.538	95.9
181	11/18/2012 10:16:33	11.49	48.58	31.60	8.56	7.96	5.6	2.570	95.9
182	11/18/2012 10:31:33	11.48	48.48	31.53	8.58	7.96	5.7	2.650	96.0
183	11/18/2012 10:46:33	11.53	48.62	31.63	8.61	7.96	5.2	2.721	96.5
184	11/18/2012 11:01:33	11.53	48.67	31.67	8.63	7.97	5.1	2.782	96.7
185	11/18/2012 11:16:33	11.54	48.74	31.72	8.64	7.97	5.0	2.832	97.0
186	11/18/2012 11:31:33	11.55	48.89	31.83	8.70	7.98	4.7	2.927	97.7
187	11/18/2012 11:46:33	11.58	48.99	31.90	8.80	7.99	4.5	2.997	98.9
188	11/18/2012 12:01:33	11.61	49.07	31.96	8.86	7.99	4.3	3.055	99.7
189	11/18/2012 12:16:33	11.62	49.11	31.99	8.89	8.00	4.5	3.144	100.0
190	11/18/2012 12:31:33	11.62	49.13	32.01	8.91	8.00	4.7	3.208	100.3
191	11/18/2012 12:46:33	11.61	49.27	32.11	8.97	8.01	4.7	3.311	101.0
192	11/18/2012 13:01:33	11.61	49.35	32.17	9.02	8.01	4.8	3.353	101.6
193	11/18/2012 13:16:33	11.60	49.39	32.19	9.05	8.01	4.7	3.444	101.9
194	11/18/2012 13:31:33	11.60	49.45	32.24	9.07	8.02	5.0	3.505	102.2
195	11/18/2012 13:46:33	11.59	49.50	32.27	9.10	8.02	4.9	3.579	102.6
196	11/18/2012 14:01:33	11.58	49.56	32.32	9.14	8.02	5.1	3.651	103.0
197	11/18/2012 14:16:33	11.58	49.58	32.33	9.14	8.03	4.5	3.698	103.0
198	11/18/2012 14:31:33	11.58	49.61	32.35	9.15	8.03	4.2	3.745	103.1
199	11/18/2012 14:46:33	11.58	49.65	32.38	9.13	8.03	3.7	3.779	102.9
200	11/18/2012 15:01:33	11.59	49.50	32.28	9.01	8.02	3.7	3.766	101.6
201	11/18/2012 15:16:33	11.59	49.61	32.35	9.03	8.02	3.9	3.762	101.8
202	11/18/2012 15:31:33	11.58	49.65	32.38	9.05	8.02	3.9	3.742	102.0
203	11/18/2012 15:46:33	11.58	49.52	32.28	9.03	8.02	4.0	3.680	101.7
204	11/18/2012 16:01:33	11.58	49.42	32.21	9.03	8.02	4.0	3.604	101.7
205	11/18/2012 16:16:33	11.59	49.14	32.01	9.02	8.01	4.8	3.516	101.5
206	11/18/2012 16:31:33	11.58	49.17	32.03	9.02	8.01	5.0	3.423	101.5
207	11/18/2012 16:46:33	11.57	49.17	32.03	9.03	8.01	5.6	3.332	101.5
208	11/18/2012 17:01:33	11.56	49.16	32.02	9.01	8.01	5.1	3.218	101.3
209	11/18/2012 17:16:33	11.56	49.16	32.02	8.99	8.00	4.8	3.098	101.0
210	11/18/2012 17:31:33	11.53	48.99	31.90	8.96	7.99	4.8	3.001	100.6
211	11/18/2012 17:46:33	11.52	48.85	31.80	8.94	7.99	5.0	2.890	100.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	11/18/2012 18:01:33	11.50	48.75	31.72	8.94	7.99	5.2	2.770	100.2
213	11/18/2012 18:16:33	11.48	48.69	31.68	8.94	7.98	7.3	2.658	100.1
214	11/18/2012 18:31:33	11.48	48.98	31.89	8.90	7.99	9.5	2.528	99.8
215	11/18/2012 18:46:33	11.46	48.92	31.84	8.90	7.99	10.5	2.402	99.7
216	11/18/2012 19:01:33	11.43	48.96	31.87	8.90	7.98	11.6	2.275	99.7
217	11/18/2012 19:16:33	11.42	48.88	31.82	8.88	7.98	13.8	2.159	99.4
218	11/18/2012 19:31:33	11.41	48.77	31.74	8.89	7.98	15.4	2.026	99.5
219	11/18/2012 19:46:33	11.40	48.63	31.63	8.92	7.98	17.1	1.894	99.7
220	11/18/2012 20:01:33	11.36	48.59	31.60	8.94	7.97	17.0	1.779	99.9
221	11/18/2012 20:16:33	11.31	48.42	31.47	8.99	7.97	19.6	1.669	100.2
222	11/18/2012 20:31:33	11.28	48.30	31.39	9.04	7.97	20.1	1.574	100.6
223	11/18/2012 20:46:33	11.26	48.23	31.34	9.04	7.97	16.0	1.500	100.6
224	11/18/2012 21:01:33	11.24	48.18	31.30	9.06	7.97	17.3	1.426	100.7
225	11/18/2012 21:16:33	11.22	48.16	31.28	9.04	7.97	14.4	1.410	100.4
226	11/18/2012 21:31:33	11.21	48.16	31.28	9.01	7.97	12.0	1.393	100.1
227	11/18/2012 21:46:33	11.22	48.18	31.30	9.09	7.98	12.6	1.416	101.0
228	11/18/2012 22:01:33	11.22	48.21	31.32	9.10	7.97	11.3	1.458	101.2
229	11/18/2012 22:16:33	11.25	48.22	31.33	9.09	7.97	10.6	1.510	101.1
230	11/18/2012 22:31:33	11.26	48.23	31.34	9.09	7.97	9.5	1.585	101.1
231	11/18/2012 22:46:33	11.24	47.84	31.05	9.06	7.97	9.3	1.676	100.5
232	11/18/2012 23:01:33	11.18	47.02	30.46	9.02	7.95	8.7	1.750	99.6
233	11/18/2012 23:16:33	11.23	47.34	30.70	9.01	7.96	8.6	1.825	99.7
234	11/18/2012 23:31:33	11.26	47.59	30.88	9.00	7.96	8.6	1.930	99.8
235	11/18/2012 23:46:33	11.28	47.66	30.92	8.98	7.96	7.9	2.006	99.7
236	11/19/2012 0:01:33	11.30	47.81	31.03	8.97	7.96	7.6	2.110	99.7
237	11/19/2012 0:16:33	11.32	47.87	31.08	8.96	7.96	7.6	2.199	99.6
238	11/19/2012 0:31:33	11.38	48.15	31.29	8.90	7.96	9.3	2.301	99.2
239	11/19/2012 0:46:33	11.42	48.37	31.45	8.86	7.96	8.6	2.398	98.9
240	11/19/2012 1:01:33	11.42	48.44	31.50	8.83	7.96	10.0	2.486	98.7
241	11/19/2012 1:16:33	11.43	48.52	31.55	8.82	7.96	10.4	2.589	98.5
242	11/19/2012 1:31:33	11.44	48.61	31.62	8.83	7.96	11.3	2.675	98.8
243	11/19/2012 1:46:33	11.46	48.67	31.67	8.84	7.97	11.1	2.767	98.9
244	11/19/2012 2:01:33	11.47	48.74	31.71	8.86	7.97	10.2	2.858	99.2
245	11/19/2012 2:16:33	11.48	48.86	31.80	8.89	7.98	10.4	2.951	99.6
246	11/19/2012 2:31:33	11.48	48.99	31.90	8.96	7.99	9.9	3.047	100.5
247	11/19/2012 2:46:33	11.49	49.15	32.01	9.08	7.99	9.7	3.124	102.0
248	11/19/2012 3:01:33	11.49	49.20	32.05	9.13	8.00	9.1	3.215	102.5
249	11/19/2012 3:16:33	11.50	49.30	32.12	9.16	8.00	8.7	3.309	103.0
250	11/19/2012 3:31:33	11.50	49.35	32.16	9.16	8.00	7.9	3.386	103.0
251	11/19/2012 3:46:33	11.53	49.42	32.21	9.19	8.01	7.3	3.458	103.3
252	11/19/2012 4:01:33	11.60	49.49	32.26	9.21	8.01	6.9	3.521	103.8
253	11/19/2012 4:16:33	11.64	49.53	32.29	9.23	8.01	6.3	3.588	104.1
254	11/19/2012 4:31:33	11.67	49.55	32.31	9.23	8.01	5.3	3.630	104.2
255	11/19/2012 4:46:33	11.59	49.42	32.21	9.08	8.00	5.5	3.648	102.3
256	11/19/2012 5:01:33	11.57	49.36	32.17	9.00	8.00	5.4	3.657	101.3
257	11/19/2012 5:16:33	11.61	49.41	32.21	9.01	8.00	5.8	3.650	101.5
258	11/19/2012 5:31:33	11.62	49.46	32.24	9.06	8.00	6.3	3.597	102.2
259	11/19/2012 5:46:33	11.63	49.47	32.25	9.09	8.01	5.3	3.550	102.5
260	11/19/2012 6:01:33	11.61	49.47	32.25	9.11	8.01	4.9	3.488	102.7
261	11/19/2012 6:16:33	11.63	49.51	32.28	9.11	8.01	5.8	3.401	102.7
262	11/19/2012 6:31:33	11.57	49.43	32.22	9.04	8.00	7.6	3.329	101.8
263	11/19/2012 6:46:33	11.49	49.29	32.12	9.04	7.99	7.6	3.242	101.5
264	11/19/2012 7:01:34	11.49	49.25	32.09	9.04	8.00	8.3	3.163	101.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	11/19/2012 7:16:33	11.47	49.17	32.02	9.00	7.98	8.8	3.095	101.0
266	11/19/2012 7:31:33	11.47	49.12	31.99	8.99	7.98	9.5	3.004	100.9
267	11/19/2012 7:46:33	11.45	48.99	31.90	8.97	7.98	10.2	2.953	100.5
268	11/19/2012 8:01:33	11.43	48.84	31.78	8.93	7.97	11.2	2.881	99.9
269	11/19/2012 8:16:33	11.44	48.86	31.80	8.92	7.97	11.8	2.815	99.8
270	11/19/2012 8:31:33	11.44	48.79	31.75	8.89	7.96	12.6	2.765	99.6
271	11/19/2012 8:46:33	11.45	48.72	31.70	8.88	7.96	12.6	2.705	99.4
272	11/19/2012 9:01:33	11.45	48.69	31.68	8.86	7.96	13.7	2.659	99.2
273	11/19/2012 9:16:33	11.45	48.62	31.63	8.84	7.95	13.6	2.623	98.9
274	11/19/2012 9:31:33	11.45	48.58	31.60	8.83	7.95	13.6	2.603	98.8
275	11/19/2012 9:46:33	11.45	48.54	31.57	8.79	7.95	11.5	2.573	98.3
276	11/19/2012 10:01:33	11.45	48.50	31.54	8.79	7.95	12.6	2.548	98.3
277	11/19/2012 10:16:33	11.45	48.49	31.54	8.78	7.95	11.5	2.558	98.2
278	11/19/2012 10:31:33	11.47	48.53	31.57	8.90	7.95	11.7	2.559	99.6
279	11/19/2012 10:46:34	11.49	48.58	31.60	8.92	7.96	11.3	2.559	99.9
280	11/19/2012 11:01:33	11.51	48.63	31.64	8.91	7.95	10.7	2.594	99.9
281	11/19/2012 11:16:33	11.53	48.69	31.68	8.91	7.95	10.2	2.622	99.9
282	11/19/2012 11:31:33	11.52	48.77	31.74	8.93	7.96	9.4	2.664	100.2
283	11/19/2012 11:46:33	11.52	48.81	31.77	8.94	7.96	9.6	2.712	100.2
284	11/19/2012 12:01:33	11.55	48.85	31.80	8.96	7.96	8.9	2.766	100.5
285	11/19/2012 12:16:33	11.57	48.93	31.86	8.99	7.97	8.5	2.836	101.0
286	11/19/2012 12:31:33	11.58	49.00	31.91	9.01	7.97	7.9	2.895	101.2
287	11/19/2012 12:46:33	11.60	49.07	31.96	9.05	7.98	7.8	2.961	101.7
288	11/19/2012 13:01:33	11.58	49.00	31.91	9.03	7.97	9.1	3.028	101.5
289	11/19/2012 13:16:34	11.56	48.93	31.86	9.02	7.97	10.0	3.103	101.3
290	11/19/2012 13:31:34	11.57	48.92	31.85	9.00	7.97	10.2	3.166	101.1
291	11/19/2012 13:46:33	11.59	49.04	31.94	9.02	7.97	8.7	3.239	101.4
292	11/19/2012 14:01:33	11.61	49.11	31.99	9.03	7.98	8.1	3.298	101.7
293	11/19/2012 14:16:33	11.66	49.18	32.04	9.06	7.98	7.6	3.358	102.1
294	11/19/2012 14:31:33	11.69	49.23	32.09	9.08	7.99	7.4	3.425	102.4
295	11/19/2012 14:46:33	11.74	49.30	32.14	9.12	7.99	6.8	3.485	103.0
296	11/19/2012 15:01:34	11.80	49.38	32.19	9.16	8.00	6.4	3.532	103.6
297	11/19/2012 15:16:34	11.84	49.43	32.24	9.17	8.01	5.7	3.562	103.9
298	11/19/2012 15:31:34	11.87	49.46	32.26	9.18	8.01	5.0	3.617	104.1
299	11/19/2012 15:46:34	11.89	49.46	32.26	9.15	8.01	4.8	3.625	103.8
300	11/19/2012 16:01:33	11.89	49.37	32.19	9.03	8.00	4.9	3.634	102.3
301	11/19/2012 16:16:33	11.83	49.36	32.19	8.97	7.99	5.4	3.633	101.5
302	11/19/2012 16:31:33	11.89	49.45	32.25	9.08	8.00	5.3	3.599	102.9
303	11/19/2012 16:46:33	11.90	49.45	32.25	9.07	8.00	5.1	3.559	102.8
304	11/19/2012 17:01:33	11.84	49.35	32.18	9.06	8.00	6.0	3.497	102.6
305	11/19/2012 17:16:33	11.86	49.41	32.22	9.08	8.00	5.6	3.438	102.8
306	11/19/2012 17:31:33	11.84	49.25	32.10	9.02	7.99	8.0	3.346	102.0
307	11/19/2012 17:46:33	11.81	49.22	32.08	8.96	7.98	7.9	3.268	101.3
308	11/19/2012 18:01:33	11.75	48.98	31.90	8.93	7.97	10.3	3.168	100.7
309	11/19/2012 18:16:34	11.75	48.90	31.85	8.92	7.97	11.5	3.083	100.6
310	11/19/2012 18:31:33	11.76	48.84	31.80	8.90	7.96	11.0	2.991	100.3
311	11/19/2012 18:46:33	11.77	48.81	31.78	8.87	7.96	11.4	2.891	100.0
312	11/19/2012 19:01:33	11.76	48.76	31.74	8.84	7.95	12.9	2.794	99.7
313	11/19/2012 19:16:33	11.74	48.76	31.74	8.83	7.95	14.3	2.703	99.5
314	11/19/2012 19:31:33	11.75	48.81	31.78	8.83	7.95	13.6	2.602	99.5
315	11/19/2012 19:46:33	11.76	48.83	31.79	8.82	7.95	14.0	2.493	99.5
316	11/19/2012 20:01:33	11.77	48.81	31.78	8.81	7.95	15.9	2.402	99.3
317	11/19/2012 20:16:33	11.78	48.80	31.78	8.78	7.95	15.3	2.297	99.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	11/19/2012 20:31:33	11.83	48.74	31.73	8.78	7.94	16.7	2.176	99.0
319	11/19/2012 20:46:33	11.82	48.67	31.68	8.79	7.94	16.1	2.082	99.2
320	11/19/2012 21:01:33	11.84	48.52	31.58	8.78	7.94	17.6	1.981	99.0
321	11/19/2012 21:16:33	11.87	48.45	31.52	8.75	7.93	20.9	1.907	98.8
322	11/19/2012 21:31:33	11.89	48.39	31.48	8.73	7.93	20.5	1.837	98.5
323	11/19/2012 21:46:33	11.91	48.31	31.42	8.70	7.92	23.3	1.748	98.2
324	11/19/2012 22:01:33	11.88	48.18	31.33	8.70	7.92	17.5	1.745	98.0
325	11/19/2012 22:16:33	11.88	48.13	31.30	8.67	7.92	15.6	1.703	97.6
326	11/19/2012 22:31:33	11.89	48.16	31.32	8.78	7.92	23.1	1.717	98.9
327	11/19/2012 22:46:33	11.88	48.21	31.35	8.79	7.92	17.7	1.710	99.0
328	11/19/2012 23:01:33	11.88	48.31	31.43	8.79	7.93	14.8	1.749	99.1
329	11/19/2012 23:16:34	11.87	48.38	31.48	8.80	7.93	15.0	1.811	99.3
330	11/19/2012 23:31:34	11.87	48.47	31.54	8.80	7.94	13.6	1.873	99.3
331	11/19/2012 23:46:34	11.91	48.13	31.29	8.84	7.94	11.9	1.933	99.7
332	11/20/2012 0:01:34	11.93	48.00	31.21	8.85	7.94	10.2	2.017	99.7
333	11/20/2012 0:16:34	11.93	47.97	31.18	8.84	7.94	10.3	2.118	99.7
334	11/20/2012 0:31:33	11.95	48.10	31.28	8.87	7.95	12.2	2.173	100.1
335	11/20/2012 0:46:34	11.91	48.35	31.45	8.86	7.95	8.9	2.256	100.0
336	11/20/2012 1:01:34	11.88	48.52	31.58	8.85	7.95	8.7	2.351	99.9
337	11/20/2012 1:16:34	11.87	48.59	31.62	8.86	7.95	10.6	2.436	100.0
338	11/20/2012 1:31:34	11.87	48.48	31.55	8.84	7.93	15.5	2.505	99.8
339	11/20/2012 1:46:34	11.86	48.41	31.49	8.83	7.92	18.8	2.588	99.6
340	11/20/2012 2:01:34	11.84	48.50	31.56	8.85	7.93	16.9	2.680	99.8
341	11/20/2012 2:16:33	11.81	48.57	31.61	8.85	7.93	17.0	2.758	99.8
342	11/20/2012 2:31:33	11.81	48.56	31.60	8.86	7.93	17.5	2.848	99.8
343	11/20/2012 2:46:34	11.81	48.67	31.68	8.88	7.94	18.1	2.942	100.1
344	11/20/2012 3:01:33	11.83	48.72	31.72	8.91	7.94	18.1	3.019	100.5
345	11/20/2012 3:16:33	11.88	48.87	31.83	8.94	7.96	16.2	3.121	101.0
346	11/20/2012 3:31:34	11.89	48.94	31.88	8.96	7.97	16.9	3.214	101.3
347	11/20/2012 3:46:34	11.94	49.03	31.95	8.99	7.97	20.0	3.301	101.9
348	11/20/2012 4:01:33	12.02	49.17	32.06	9.04	7.98	17.4	3.391	102.6
349	11/20/2012 4:16:33	12.06	49.25	32.11	9.04	7.99	16.1	3.475	102.8
350	11/20/2012 4:31:33	12.10	49.30	32.15	9.03	7.99	13.6	3.550	102.7
351	11/20/2012 4:46:33	12.11	49.33	32.18	9.01	7.99	12.0	3.632	102.6
352	11/20/2012 5:01:33	12.19	49.33	32.18	9.02	7.99	9.4	3.677	102.8
353	11/20/2012 5:16:33	12.35	49.27	32.14	9.02	8.01	7.6	3.719	103.2
354	11/20/2012 5:31:33	12.42	49.20	32.09	8.94	8.01	7.8	3.766	102.5
355	11/20/2012 5:46:33	12.42	49.18	32.08	8.84	8.00	6.7	3.777	101.3
356	11/20/2012 6:01:34	12.13	49.20	32.08	8.83	7.98	8.0	3.756	100.5
357	11/20/2012 6:16:33	12.13	49.22	32.09	8.87	7.98	8.5	3.731	100.9
358	11/20/2012 6:31:33	12.20	49.09	32.00	8.86	7.98	7.8	3.687	101.0
359	11/20/2012 6:46:33	12.18	49.03	31.96	8.89	7.98	7.6	3.646	101.2
360	11/20/2012 7:01:33	12.17	49.02	31.95	8.91	7.98	7.7	3.562	101.4
361	11/20/2012 7:16:33	12.20	49.06	31.98	8.89	7.98	8.2	3.509	101.3
362	11/20/2012 7:31:33	12.13	49.02	31.95	8.88	7.97	9.4	3.436	101.0
363	11/20/2012 7:46:33	12.13	48.93	31.89	8.92	7.98	7.9	3.348	101.4
364	11/20/2012 8:01:33	12.10	48.70	31.72	8.87	7.97	7.5	3.295	100.7
365	11/20/2012 8:16:33	12.09	48.57	31.62	8.89	7.97	8.5	3.227	100.8
366	11/20/2012 8:31:33	12.09	48.67	31.69	8.88	7.97	9.7	3.156	100.7
367	11/20/2012 8:46:33	12.08	48.52	31.59	8.84	7.95	10.0	3.073	100.2
368	11/20/2012 9:01:33	12.06	48.41	31.50	8.79	7.94	12.2	2.994	99.6
369	11/20/2012 9:16:33	12.07	48.31	31.43	8.76	7.94	12.6	2.917	99.2
370	11/20/2012 9:31:33	12.07	48.33	31.45	8.75	7.94	14.6	2.836	99.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	11/20/2012 9:46:33	12.06	48.28	31.41	8.77	7.94	15.0	2.768	99.2
372	11/20/2012 10:01:33	12.06	48.23	31.38	8.75	7.93	13.7	2.714	99.0
373	11/20/2012 10:16:33	12.07	48.24	31.39	8.78	7.93	14.2	2.641	99.4
374	11/20/2012 10:31:33	12.09	48.26	31.39	8.78	7.93	13.6	2.601	99.4
375	11/20/2012 10:46:33	12.14	48.20	31.36	8.78	7.93	13.4	2.557	99.5
376	11/20/2012 11:01:33	12.23	48.04	31.24	8.75	7.93	11.4	2.527	99.3
377	11/20/2012 11:16:33	12.26	47.97	31.19	8.74	7.93	10.7	2.488	99.1
378	11/20/2012 11:31:33	12.28	47.94	31.18	8.70	7.92	10.2	2.490	98.8
379	11/20/2012 11:46:33	12.30	47.91	31.16	8.71	7.92	11.0	2.490	98.9
380	11/20/2012 12:01:33	12.18	48.09	31.28	8.77	7.93	10.8	2.484	99.4
381	11/20/2012 12:16:33	12.16	48.12	31.30	8.77	7.93	11.1	2.507	99.5
382	11/20/2012 12:31:33	12.13	48.12	31.30	8.77	7.93	11.4	2.547	99.3
383	11/20/2012 12:46:33	12.27	47.98	31.20	8.80	7.93	10.5	2.594	99.9
384	11/20/2012 13:01:33	12.35	47.59	30.92	8.81	7.93	11.1	2.625	100.0
385	11/20/2012 13:16:33	12.30	47.87	31.13	8.82	7.93	9.4	2.694	100.1
386	11/20/2012 13:31:33	12.20	48.04	31.25	8.80	7.93	10.3	2.750	99.8
387	11/20/2012 13:46:33	12.18	48.07	31.26	8.80	7.93	10.5	2.794	99.7
388	11/20/2012 14:01:33	12.17	48.14	31.32	8.80	7.93	10.2	2.852	99.8
389	11/20/2012 14:16:33	12.16	48.25	31.39	8.82	7.94	10.6	2.912	100.0
390	11/20/2012 14:31:33	12.20	48.29	31.42	8.86	7.94	10.1	2.975	100.5
391	11/20/2012 14:46:33	12.19	48.37	31.48	8.87	7.94	10.2	3.031	100.7
392	11/20/2012 15:01:33	12.20	48.38	31.49	8.87	7.95	9.8	3.093	100.7
393	11/20/2012 15:16:33	12.21	48.38	31.49	8.87	7.95	9.8	3.148	100.7
394	11/20/2012 15:31:33	12.19	48.43	31.52	8.88	7.95	10.1	3.207	100.9
395	11/20/2012 15:46:33	12.19	48.48	31.56	8.88	7.95	10.0	3.254	100.9
396	11/20/2012 16:01:33	12.20	48.53	31.60	8.88	7.95	9.6	3.293	101.0
397	11/20/2012 16:16:33	12.21	48.56	31.62	8.88	7.96	8.6	3.342	101.0
398	11/20/2012 16:31:33	12.23	48.60	31.65	8.89	7.96	7.9	3.365	101.2
399	11/20/2012 16:46:33	12.24	48.60	31.65	8.88	7.96	6.6	3.385	101.0
400	11/20/2012 17:01:33	12.24	48.62	31.66	8.85	7.96	6.1	3.417	100.7
401	11/20/2012 17:16:33	12.22	48.51	31.58	8.72	7.95	7.3	3.425	99.1
402	11/20/2012 17:31:33	12.24	48.60	31.65	8.74	7.96	7.9	3.389	99.5
403	11/20/2012 17:46:33	12.25	48.60	31.65	8.77	7.96	7.8	3.390	99.8
404	11/20/2012 18:01:34	12.26	48.62	31.67	8.78	7.96	8.2	3.369	100.0
405	11/20/2012 18:16:34	12.25	48.57	31.63	8.78	7.96	10.0	3.308	99.9
406	11/20/2012 18:31:34	12.36	48.21	31.37	8.74	7.95	8.8	3.255	99.5
407	11/20/2012 18:46:33	12.26	48.42	31.52	8.76	7.95	9.3	3.181	99.7
408	11/20/2012 19:01:33	12.35	48.19	31.36	8.78	7.95	10.3	3.082	100.0
409	11/20/2012 19:16:33	12.33	48.10	31.30	8.77	7.95	9.8	3.015	99.7
410	11/20/2012 19:31:33	12.28	48.11	31.30	8.75	7.94	9.3	2.928	99.4
411	11/20/2012 19:46:33	12.37	48.04	31.25	8.71	7.94	9.0	2.844	99.1
412	11/20/2012 20:01:33	12.46	48.02	31.24	8.78	7.94	10.2	2.764	100.1
413	11/20/2012 20:16:33	12.54	47.98	31.22	8.81	7.95	10.1	2.685	100.6
414	11/20/2012 20:31:33	12.57	47.97	31.21	8.81	7.95	10.0	2.605	100.6
415	11/20/2012 20:46:33	12.50	47.81	31.09	8.81	7.94	9.4	2.527	100.5
416	11/20/2012 21:01:33	12.45	47.78	31.07	8.78	7.94	9.5	2.438	100.0
417	11/20/2012 21:16:33	12.41	47.69	31.00	8.75	7.93	9.5	2.343	99.5
418	11/20/2012 21:31:33	12.42	47.56	30.91	8.78	7.93	10.1	2.275	99.8
419	11/20/2012 21:46:33	12.44	47.47	30.84	8.78	7.93	9.5	2.185	99.8
420	11/20/2012 22:01:33	12.45	47.42	30.81	8.80	7.94	9.2	2.102	100.1
421	11/20/2012 22:16:33	12.45	47.41	30.80	8.77	7.93	9.0	2.042	99.7
422	11/20/2012 22:31:33	12.49	47.29	30.72	8.79	7.93	9.1	1.985	99.9
423	11/20/2012 22:46:33	12.51	47.23	30.67	8.79	7.94	9.8	1.939	100.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	11/20/2012 23:01:34	12.53	47.16	30.62	8.78	7.94	9.0	1.903	99.8
425	11/20/2012 23:16:33	12.54	47.13	30.60	8.76	7.94	8.3	1.878	99.7
426	11/20/2012 23:31:33	12.50	47.17	30.63	8.86	7.93	9.7	1.905	100.7
427	11/20/2012 23:46:33	12.47	47.35	30.76	8.79	7.93	8.7	1.900	99.9
428	11/21/2012 0:01:33	12.46	47.32	30.74	8.81	7.93	8.6	1.921	100.1
429	11/21/2012 0:16:33	12.45	47.37	30.77	8.78	7.92	9.1	2.000	99.7
430	11/21/2012 0:31:33	12.45	47.23	30.67	8.78	7.92	9.7	2.044	99.7
431	11/21/2012 0:46:33	12.46	47.09	30.57	8.76	7.92	8.9	2.090	99.5
432	11/21/2012 1:01:33	12.46	46.90	30.44	8.77	7.92	8.6	2.186	99.5
433	11/21/2012 1:16:33	12.47	46.77	30.34	8.78	7.92	8.7	2.263	99.5
434	11/21/2012 1:31:33	12.46	47.02	30.52	8.77	7.92	8.6	2.324	99.6
435	11/21/2012 1:46:33	12.45	47.06	30.55	8.77	7.92	8.8	2.413	99.5
436	11/21/2012 2:01:33	12.40	47.31	30.72	8.75	7.92	8.5	2.494	99.4
437	11/21/2012 2:16:33	12.36	47.38	30.77	8.72	7.92	8.5	2.559	99.0
438	11/21/2012 2:31:33	12.30	47.26	30.69	8.73	7.92	9.0	2.642	98.8
439	11/21/2012 2:46:33	12.27	47.58	30.92	8.71	7.91	10.3	2.718	98.7
440	11/21/2012 3:01:33	12.26	47.76	31.04	8.70	7.91	11.6	2.808	98.7
441	11/21/2012 3:16:33	12.24	47.81	31.08	8.70	7.92	11.5	2.885	98.7
442	11/21/2012 3:31:33	12.23	47.87	31.12	8.71	7.92	14.8	2.974	98.7
443	11/21/2012 3:46:33	12.22	47.99	31.21	8.73	7.92	17.2	3.063	99.0
444	11/21/2012 4:01:33	12.22	48.12	31.30	8.75	7.93	20.8	3.135	99.3
445	11/21/2012 4:16:33	12.23	48.21	31.37	8.77	7.94	19.1	3.230	99.6
446	11/21/2012 4:31:33	12.27	48.37	31.48	8.82	7.95	19.5	3.313	100.3
447	11/21/2012 4:46:33	12.34	48.46	31.55	8.87	7.96	22.0	3.410	101.1
448	11/21/2012 5:01:33	12.40	48.51	31.59	8.91	7.97	18.6	3.493	101.7
449	11/21/2012 5:16:33	12.42	48.53	31.61	8.92	7.98	14.7	3.557	101.8
450	11/21/2012 5:31:33	12.42	48.54	31.62	8.91	7.98	12.1	3.636	101.8
451	11/21/2012 5:46:33	12.42	48.54	31.62	8.89	7.98	8.4	3.657	101.5
452	11/21/2012 6:01:33	12.44	48.55	31.62	8.86	7.98	8.8	3.732	101.2
453	11/21/2012 6:16:33	12.43	48.51	31.59	8.83	7.98	7.0	3.755	100.8
454	11/21/2012 6:31:33	12.41	48.49	31.58	8.77	7.97	8.2	3.730	100.1
455	11/21/2012 6:46:33	12.43	48.52	31.60	8.78	7.97	7.9	3.752	100.3
456	11/21/2012 7:01:33	12.39	48.46	31.55	8.76	7.97	9.2	3.723	99.9
457	11/21/2012 7:16:33	12.43	48.53	31.61	8.81	7.97	9.6	3.669	100.6
458	11/21/2012 7:31:33	12.40	48.48	31.57	8.76	7.97	11.4	3.636	100.0
459	11/21/2012 7:46:33	12.31	48.33	31.46	8.71	7.95	10.9	3.583	99.1
460	11/21/2012 8:01:33	12.24	48.34	31.46	8.70	7.95	8.2	3.500	98.9
461	11/21/2012 8:16:33	12.23	48.24	31.39	8.72	7.94	7.9	3.404	99.0
462	11/21/2012 8:31:33	12.20	48.07	31.26	8.65	7.93	9.5	3.352	98.1
463	11/21/2012 8:46:33	12.21	48.05	31.25	8.66	7.93	8.8	3.275	98.2
464	11/21/2012 9:01:33	12.22	48.01	31.22	8.66	7.93	9.0	3.169	98.2
465	11/21/2012 9:16:33	12.25	47.80	31.07	8.63	7.92	7.2	3.092	97.8
466	11/21/2012 9:31:33	12.25	47.51	30.86	8.59	7.91	7.1	3.030	97.3
467	11/21/2012 9:46:33	12.30	47.47	30.84	8.60	7.91	7.3	2.942	97.5
468	11/21/2012 10:01:33	12.36	47.34	30.74	8.60	7.91	7.2	2.875	97.5
469	11/21/2012 10:16:33	12.37	47.27	30.70	8.64	7.91	7.7	2.809	97.9
470	11/21/2012 10:31:34	12.36	47.14	30.60	8.68	7.91	7.8	2.742	98.3
471	11/21/2012 10:46:33	12.45	47.26	30.69	8.83	7.93	7.9	2.647	100.3
472	11/21/2012 11:01:33	12.42	47.13	30.60	8.89	7.93	6.8	2.592	100.9
473	11/21/2012 11:16:33	12.41	46.91	30.44	8.85	7.92	7.5	2.533	100.3
474	11/21/2012 11:31:33	12.49	46.97	30.49	8.98	7.94	6.5	2.449	101.9
475	11/21/2012 11:46:34	12.52	46.86	30.40	9.01	7.94	6.5	2.406	102.3
476	11/21/2012 12:01:33	12.52	46.78	30.35	8.95	7.94	6.5	2.367	101.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	11/21/2012 12:16:33	12.58	46.80	30.36	9.00	7.94	6.7	2.297	102.3
478	11/21/2012 12:31:33	12.56	46.77	30.34	8.96	7.94	6.5	2.304	101.8
479	11/21/2012 12:46:33	12.65	46.66	30.26	8.91	7.94	7.0	2.267	101.3
480	11/21/2012 13:01:33	12.50	46.79	30.36	8.90	7.93	6.6	2.272	101.0
481	11/21/2012 13:16:33	12.43	46.87	30.41	8.78	7.92	6.7	2.296	99.6
482	11/21/2012 13:31:33	12.43	46.91	30.44	8.79	7.92	7.0	2.321	99.7
483	11/21/2012 13:46:33	12.54	46.86	30.41	8.85	7.92	7.2	2.365	100.5
484	11/21/2012 14:01:33	12.56	46.76	30.34	8.81	7.91	8.5	2.418	100.1
485	11/21/2012 14:16:33	12.54	46.43	30.09	8.75	7.91	7.9	2.485	99.2
486	11/21/2012 14:31:33	12.50	46.44	30.10	8.74	7.90	7.8	2.513	99.0
487	11/21/2012 14:46:33	12.47	46.59	30.21	8.71	7.90	7.5	2.584	98.7
488	11/21/2012 15:01:33	12.45	46.72	30.30	8.69	7.90	7.2	2.649	98.5
489	11/21/2012 15:16:33	12.38	46.83	30.38	8.67	7.90	7.5	2.710	98.1
490	11/21/2012 15:31:33	12.45	46.65	30.25	8.67	7.90	7.0	2.768	98.2
491	11/21/2012 15:46:33	12.40	47.15	30.61	8.64	7.91	7.0	2.823	98.0
492	11/21/2012 16:01:33	12.45	47.19	30.64	8.66	7.91	7.0	2.877	98.4
493	11/21/2012 16:16:33	12.35	47.65	30.97	8.64	7.91	7.6	2.925	98.1
494	11/21/2012 16:31:33	12.35	47.70	31.01	8.64	7.91	7.5	2.988	98.1
495	11/21/2012 16:46:33	12.37	47.72	31.02	8.65	7.91	7.3	3.036	98.3
496	11/21/2012 17:01:33	12.37	47.73	31.03	8.65	7.91	7.1	3.100	98.4
497	11/21/2012 17:16:33	12.38	47.74	31.04	8.65	7.92	7.2	3.127	98.4
498	11/21/2012 17:31:33	12.39	47.77	31.05	8.64	7.92	7.0	3.159	98.2
499	11/21/2012 17:46:33	12.39	47.83	31.10	8.65	7.92	7.3	3.213	98.4
500	11/21/2012 18:01:33	12.39	47.85	31.12	8.64	7.92	7.1	3.247	98.3
501	11/21/2012 18:16:33	12.39	47.86	31.12	8.62	7.92	6.4	3.257	98.1
502	11/21/2012 18:31:33	12.38	47.73	31.03	8.46	7.91	6.1	3.257	96.2
503	11/21/2012 18:46:33	12.38	47.82	31.09	8.48	7.91	7.4	3.271	96.4
504	11/21/2012 19:01:33	12.39	47.85	31.12	8.53	7.92	7.0	3.234	97.0
505	11/21/2012 19:16:33	12.38	47.74	31.04	8.51	7.91	6.7	3.209	96.7
506	11/21/2012 19:31:33	12.37	47.70	31.01	8.51	7.91	6.8	3.195	96.7
507	11/21/2012 19:46:33	12.34	46.95	30.46	8.76	7.93	7.6	3.130	99.1
508	11/21/2012 20:01:33	12.32	47.42	30.80	8.50	7.90	7.7	3.061	96.3
509	11/21/2012 20:16:33	12.25	47.46	30.83	8.52	7.90	7.6	2.999	96.4
510	11/21/2012 20:31:33	12.15	47.60	30.93	8.43	7.89	7.0	2.924	95.3
511	11/21/2012 20:46:33	12.19	47.48	30.84	8.52	7.90	7.0	2.868	96.4
512	11/21/2012 21:01:33	12.22	47.31	30.72	8.59	7.91	6.7	2.788	97.2
513	11/21/2012 21:16:33	12.27	47.10	30.57	8.71	7.91	7.4	2.694	98.5
514	11/21/2012 21:31:33	12.24	47.07	30.55	8.61	7.91	7.9	2.644	97.3
515	11/21/2012 21:46:33	12.19	47.03	30.52	8.57	7.90	7.6	2.569	96.7
516	11/21/2012 22:01:33	12.20	46.86	30.39	8.59	7.90	6.8	2.521	96.9
517	11/21/2012 22:16:33	12.13	46.85	30.38	8.67	7.91	7.0	2.434	97.6
518	11/21/2012 22:31:33	12.12	46.78	30.33	8.72	7.92	6.8	2.333	98.1
519	11/21/2012 22:46:33	12.14	46.66	30.24	8.85	7.93	7.2	2.287	99.6
520	11/21/2012 23:01:33	12.11	46.63	30.22	8.89	7.93	7.0	2.226	100.0
521	11/21/2012 23:16:33	12.12	46.61	30.21	8.92	7.94	6.8	2.168	100.4
522	11/21/2012 23:31:33	12.12	46.55	30.17	9.07	7.95	6.7	2.103	102.0
523	11/21/2012 23:46:33	12.13	46.57	30.18	9.11	7.95	6.4	2.049	102.5
524	11/22/2012 0:01:33	12.18	46.51	30.14	9.19	7.96	6.4	2.046	103.4
525	11/22/2012 0:16:33	12.15	46.35	30.03	9.37	7.97	5.7	2.030	105.4
526	11/22/2012 0:31:33	12.13	46.52	30.14	9.05	7.94	6.4	2.022	101.7
527	11/22/2012 0:46:33	12.12	46.55	30.17	8.99	7.94	6.4	2.070	101.1
528	11/22/2012 1:01:33	12.18	46.58	30.19	8.98	7.93	6.5	2.112	101.1
529	11/22/2012 1:16:33	12.19	46.59	30.20	8.90	7.93	6.8	2.133	100.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
530	11/22/2012 1:31:33	12.20	46.52	30.15	8.87	7.92	6.6	2.189	99.9
531	11/22/2012 1:46:33	12.21	46.33	30.01	8.83	7.92	6.4	2.265	99.4
532	11/22/2012 2:01:33	12.22	46.41	30.07	8.80	7.91	6.7	2.321	99.1
533	11/22/2012 2:16:33	12.22	46.11	29.85	8.73	7.91	6.8	2.386	98.2
534	11/22/2012 2:31:33	12.22	46.22	29.93	8.71	7.90	6.5	2.460	98.0
535	11/22/2012 2:46:33	12.23	46.52	30.15	8.68	7.90	6.7	2.536	97.8
536	11/22/2012 3:01:33	12.24	46.42	30.08	8.60	7.90	6.8	2.595	96.9
537	11/22/2012 3:16:33	12.24	46.80	30.35	8.52	7.90	7.0	2.661	96.2
538	11/22/2012 3:31:33	12.26	47.10	30.57	8.52	7.90	6.9	2.736	96.4
539	11/22/2012 3:46:34	12.27	47.25	30.68	8.53	7.90	7.3	2.817	96.6
540	11/22/2012 4:01:34	12.28	47.27	30.69	8.55	7.90	7.5	2.891	96.8
541	11/22/2012 4:16:33	12.21	46.91	30.43	8.58	7.90	7.5	2.963	96.8
542	11/22/2012 4:31:34	12.23	47.34	30.74	8.55	7.91	8.7	3.052	96.7
543	11/22/2012 4:46:33	12.21	47.37	30.76	8.55	7.91	10.8	3.125	96.7
544	11/22/2012 5:01:33	12.24	47.54	30.88	8.55	7.91	11.5	3.200	96.9
545	11/22/2012 5:16:33	12.26	47.64	30.96	8.58	7.92	12.7	3.286	97.3
546	11/22/2012 5:31:33	12.28	47.79	31.07	8.64	7.93	14.1	3.380	98.1
547	11/22/2012 5:46:33	12.42	47.99	31.22	8.73	7.96	14.5	3.468	99.5
548	11/22/2012 6:01:33	12.60	48.13	31.33	8.88	7.98	14.8	3.551	101.6
549	11/22/2012 6:16:33	12.70	48.21	31.39	8.95	7.99	13.3	3.606	102.6
550	11/22/2012 6:31:34	12.76	48.25	31.42	8.99	8.00	9.9	3.666	103.2
551	11/22/2012 6:46:33	12.83	48.28	31.44	9.04	8.00	9.6	3.716	104.0
552	11/22/2012 7:01:33	12.89	48.27	31.44	9.03	8.01	8.6	3.738	104.0
553	11/22/2012 7:16:33	12.45	48.41	31.52	8.94	8.01	6.5	3.772	102.1
554	11/22/2012 7:31:33	12.58	47.93	31.18	8.74	7.98	7.5	3.778	99.9
555	11/22/2012 7:46:33	12.81	48.20	31.38	8.88	7.99	7.8	3.758	102.1
556	11/22/2012 8:01:33	12.72	48.15	31.34	8.85	7.99	8.6	3.731	101.5
557	11/22/2012 8:16:33	12.59	48.02	31.25	8.88	7.98	9.3	3.673	101.6
558	11/22/2012 8:31:33	11.84	47.39	30.76	8.40	7.90	7.9	3.596	94.2
559	11/22/2012 8:46:33	11.95	47.61	30.92	8.47	7.91	7.1	3.528	95.3
560	11/22/2012 9:01:33	12.11	47.80	31.07	8.61	7.93	7.0	3.461	97.4
561	11/22/2012 9:16:33	12.11	47.58	30.91	8.59	7.92	8.6	3.350	97.0
562	11/22/2012 9:31:33	12.13	47.51	30.86	8.57	7.92	7.5	3.274	96.8
563	11/22/2012 9:46:33	12.12	47.42	30.80	8.54	7.92	7.2	3.182	96.4
564	11/22/2012 10:01:33	12.10	47.42	30.79	8.49	7.91	7.1	3.096	95.8
565	11/22/2012 10:16:33	12.03	47.23	30.65	8.46	7.90	6.6	3.020	95.2
566	11/22/2012 10:31:33	12.03	47.14	30.59	8.48	7.90	6.8	2.924	95.4
567	11/22/2012 10:46:33	12.01	47.02	30.50	8.51	7.90	6.5	2.860	95.7
568	11/22/2012 11:01:33	12.13	47.08	30.55	8.65	7.91	6.0	2.768	97.5
569	11/22/2012 11:16:33	12.29	47.25	30.68	8.93	7.94	6.1	2.675	101.1
570	11/22/2012 11:31:33	12.37	47.23	30.67	9.12	7.95	5.9	2.571	103.4
571	11/22/2012 11:46:33	12.30	46.98	30.48	9.09	7.95	5.9	2.508	102.8
572	11/22/2012 12:01:33	12.27	46.75	30.31	9.22	7.95	6.1	2.425	104.0
573	11/22/2012 12:16:33	12.30	46.60	30.21	9.33	7.96	5.7	2.316	105.4
574	11/22/2012 12:31:34	12.32	46.49	30.13	9.44	7.97	5.4	2.255	106.6
575	11/22/2012 12:46:34	12.32	46.46	30.11	9.45	7.98	5.4	2.211	106.7
576	11/22/2012 13:01:34	12.39	46.46	30.11	9.55	7.98	5.2	2.145	108.0
577	11/22/2012 13:16:34	12.36	46.39	30.06	9.62	7.99	5.1	2.113	108.7
578	11/22/2012 13:31:33	12.36	46.36	30.04	9.53	7.98	5.4	2.086	107.6
579	11/22/2012 13:46:33	12.34	46.35	30.03	9.52	7.97	4.7	2.058	107.5
580	11/22/2012 14:01:33	12.17	46.42	30.07	9.31	7.96	5.0	2.073	104.7
581	11/22/2012 14:16:34	12.21	46.44	30.09	9.27	7.95	5.0	2.096	104.4
582	11/22/2012 14:31:34	12.19	46.45	30.10	9.23	7.95	5.3	2.127	103.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	11/22/2012 14:46:33	12.28	46.44	30.09	9.23	7.95	5.3	2.179	104.0
584	11/22/2012 15:01:33	12.26	45.86	29.67	9.13	7.94	5.3	2.226	102.6
585	11/22/2012 15:16:33	12.18	45.88	29.69	9.07	7.93	5.5	2.305	101.8
586	11/22/2012 15:31:33	12.17	45.98	29.76	9.02	7.93	5.4	2.373	101.3
587	11/22/2012 15:46:33	12.15	45.90	29.70	8.99	7.92	5.5	2.432	100.9
588	11/22/2012 16:01:33	12.15	46.03	29.79	8.96	7.92	5.4	2.494	100.5
589	11/22/2012 16:16:33	12.12	46.20	29.91	8.89	7.92	5.5	2.552	99.8
590	11/22/2012 16:31:33	12.12	46.31	29.99	8.79	7.91	5.5	2.612	98.7
591	11/22/2012 16:46:33	12.16	46.62	30.22	8.72	7.91	5.7	2.680	98.2
592	11/22/2012 17:01:33	12.19	46.94	30.45	8.65	7.91	6.1	2.733	97.6
593	11/22/2012 17:16:34	12.19	46.98	30.48	8.58	7.91	6.4	2.787	96.9
594	11/22/2012 17:31:33	12.20	47.06	30.54	8.56	7.90	5.9	2.846	96.7
595	11/22/2012 17:46:33	12.19	47.09	30.56	8.56	7.90	6.1	2.905	96.6
596	11/22/2012 18:01:33	12.18	47.09	30.56	8.56	7.90	5.9	2.958	96.6
597	11/22/2012 18:16:33	12.18	47.15	30.60	8.56	7.90	6.0	3.025	96.6
598	11/22/2012 18:31:33	12.19	47.21	30.64	8.56	7.91	6.1	3.064	96.7
599	11/22/2012 18:46:33	12.20	47.21	30.65	8.58	7.91	5.9	3.104	96.9
600	11/22/2012 19:01:33	12.23	47.28	30.70	8.57	7.91	6.1	3.139	96.9
601	11/22/2012 19:16:33	12.26	47.32	30.73	8.57	7.91	5.8	3.171	97.0
602	11/22/2012 19:31:33	12.28	47.37	30.76	8.55	7.92	5.1	3.193	96.9
603	11/22/2012 19:46:33	12.22	47.23	30.66	8.44	7.91	5.7	3.198	95.4
604	11/22/2012 20:01:33	12.27	47.37	30.76	8.39	7.91	5.8	3.198	95.0
605	11/22/2012 20:16:33	12.27	47.38	30.77	8.45	7.92	5.6	3.190	95.7
606	11/22/2012 20:31:33	12.25	47.28	30.70	8.46	7.91	5.6	3.141	95.7
607	11/22/2012 20:46:33	12.23	47.26	30.68	8.47	7.91	5.8	3.108	95.8
608	11/22/2012 21:01:33	11.92	46.62	30.21	8.53	7.90	6.5	3.061	95.5
609	11/22/2012 21:16:33	12.16	47.06	30.54	8.45	7.90	5.9	3.002	95.3
610	11/22/2012 21:31:34	11.94	46.78	30.33	8.44	7.90	6.1	2.928	94.7
611	11/22/2012 21:46:33	11.96	47.05	30.52	8.37	7.89	6.1	2.867	94.0
612	11/22/2012 22:01:34	11.89	47.03	30.51	8.32	7.89	6.0	2.812	93.3
613	11/22/2012 22:16:34	11.90	46.97	30.46	8.47	7.90	5.7	2.730	95.0
614	11/22/2012 22:31:34	11.97	46.81	30.35	8.64	7.92	5.7	2.670	96.9
615	11/22/2012 22:46:34	11.95	46.74	30.30	8.69	7.91	5.9	2.600	97.4
616	11/22/2012 23:01:34	11.85	46.69	30.25	8.50	7.90	5.9	2.541	95.1
617	11/22/2012 23:16:34	11.78	46.68	30.25	8.49	7.89	5.9	2.463	94.9
618	11/22/2012 23:31:34	11.73	46.52	30.13	8.54	7.90	5.7	2.406	95.3
619	11/22/2012 23:46:34	11.71	46.37	30.02	8.68	7.91	5.6	2.351	96.7
620	11/23/2012 0:01:34	11.67	46.34	30.00	8.79	7.92	5.6	2.299	97.8
621	11/23/2012 0:16:34	11.64	46.29	29.96	8.91	7.94	5.3	2.245	99.0
622	11/23/2012 0:31:34	11.65	46.25	29.93	9.00	7.94	5.1	2.207	100.1
623	11/23/2012 0:46:34	11.70	46.22	29.91	9.07	7.95	5.1	2.184	100.9
624	11/23/2012 1:01:34	11.74	46.21	29.90	9.10	7.96	4.8	2.164	101.3
625	11/23/2012 1:16:34	11.69	46.10	29.82	9.21	7.97	4.7	2.152	102.4
626	11/23/2012 1:31:34	11.69	46.19	29.89	9.12	7.95	4.7	2.158	101.4
627	11/23/2012 1:46:34	11.70	46.21	29.91	9.05	7.94	4.8	2.182	100.7
628	11/23/2012 2:01:34	11.63	46.17	29.87	8.95	7.93	5.1	2.214	99.5
629	11/23/2012 2:16:34	11.66	46.09	29.81	8.94	7.93	5.3	2.256	99.3
630	11/23/2012 2:31:34	11.66	46.13	29.85	8.86	7.92	5.3	2.315	98.4
631	11/23/2012 2:46:34	11.69	46.12	29.84	8.82	7.92	5.2	2.380	98.1
632	11/23/2012 3:01:34	11.74	46.13	29.85	8.74	7.91	5.4	2.426	97.3
633	11/23/2012 3:16:34	11.82	46.24	29.93	8.68	7.90	5.6	2.497	96.9
634	11/23/2012 3:31:34	11.86	46.15	29.87	8.67	7.90	5.3	2.566	96.8
635	11/23/2012 3:46:34	11.93	46.25	29.94	8.65	7.91	5.7	2.637	96.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	11/23/2012 4:01:34	11.96	46.52	30.14	8.57	7.90	5.4	2.704	96.0
637	11/23/2012 4:16:33	11.98	46.66	30.24	8.52	7.90	5.6	2.773	95.6
638	11/23/2012 4:31:33	12.01	46.85	30.37	8.50	7.90	5.7	2.860	95.5
639	11/23/2012 4:46:33	12.05	47.00	30.49	8.51	7.90	6.4	2.924	95.7
640	11/23/2012 5:01:33	12.06	47.13	30.58	8.53	7.91	7.1	3.006	96.0
641	11/23/2012 5:16:33	12.03	47.15	30.59	8.53	7.91	6.7	3.079	96.0
642	11/23/2012 5:31:33	12.04	47.11	30.57	8.54	7.91	7.5	3.156	96.1
643	11/23/2012 5:46:33	12.14	47.17	30.61	8.57	7.92	8.7	3.242	96.7
644	11/23/2012 6:01:33	12.21	47.29	30.70	8.61	7.93	9.8	3.320	97.4
645	11/23/2012 6:16:33	12.33	47.47	30.84	8.70	7.95	11.1	3.399	98.7
646	11/23/2012 6:31:33	12.43	47.60	30.93	8.78	7.96	11.1	3.486	99.9
647	11/23/2012 6:46:34	12.56	47.59	30.94	8.88	7.98	11.2	3.563	101.2
648	11/23/2012 7:01:33	12.65	47.67	30.99	8.94	7.99	10.8	3.616	102.2
649	11/23/2012 7:16:33	12.69	47.69	31.01	8.95	8.00	9.7	3.682	102.4
650	11/23/2012 7:31:33	12.70	47.71	31.03	8.96	8.00	8.4	3.743	102.5
651	11/23/2012 7:46:34	12.71	47.71	31.02	8.96	8.01	6.4	3.784	102.5
652	11/23/2012 8:01:33	12.01	47.31	30.71	8.62	7.95	5.6	3.787	97.1
653	11/23/2012 8:16:33	12.48	47.56	30.91	8.76	7.99	6.3	3.804	99.8
654	11/23/2012 8:31:33	12.47	47.54	30.90	8.75	7.98	7.2	3.807	99.5
655	11/23/2012 8:46:33	12.50	47.55	30.90	8.74	7.98	7.4	3.763	99.5
656	11/23/2012 9:01:34	12.62	47.63	30.97	8.83	8.00	10.7	3.693	100.8
657	11/23/2012 9:16:34	11.89	47.13	30.58	8.49	7.92	7.2	3.630	95.3
658	11/23/2012 9:31:34	12.16	47.34	30.74	8.66	7.95	6.5	3.555	97.8
659	11/23/2012 9:46:33	12.29	47.33	30.74	8.78	7.96	6.5	3.453	99.4
660	11/23/2012 10:01:33	12.15	47.15	30.60	8.69	7.94	7.9	3.357	98.0
661	11/23/2012 10:16:33	12.22	47.16	30.61	8.70	7.95	7.6	3.271	98.4
662	11/23/2012 10:31:33	12.15	47.11	30.57	8.67	7.94	6.8	3.182	97.8
663	11/23/2012 10:46:33	12.02	46.93	30.44	8.66	7.92	6.4	3.081	97.3
664	11/23/2012 11:01:33	11.95	46.78	30.33	8.66	7.92	6.1	2.985	97.2
665	11/23/2012 11:16:34	11.87	46.63	30.21	8.72	7.92	5.4	2.888	97.5
666	11/23/2012 11:31:34	11.85	46.61	30.19	8.82	7.92	5.3	2.804	98.7
667	11/23/2012 11:46:33	12.22	46.88	30.41	8.96	7.95	5.3	2.699	101.1
668	11/23/2012 12:01:33	12.32	46.86	30.40	9.15	7.96	5.7	2.583	103.5
669	11/23/2012 12:16:33	12.45	46.84	30.39	9.25	7.97	6.0	2.493	104.8
670	11/23/2012 12:31:33	12.25	46.65	30.25	9.33	7.97	5.3	2.395	105.3
671	11/23/2012 12:46:33	12.31	46.50	30.14	9.48	7.98	5.4	2.289	107.0
672	11/23/2012 13:01:33	12.25	46.36	30.04	9.70	7.99	5.7	2.193	109.2
673	11/23/2012 13:16:33	12.31	46.24	29.95	9.80	8.00	5.8	2.115	110.5
674	11/23/2012 13:31:33	12.27	46.09	29.84	10.01	8.02	5.9	2.031	112.7
675	11/23/2012 13:46:33	12.39	46.09	29.85	10.12	8.03	4.7	1.962	114.2
676	11/23/2012 14:01:33	12.46	46.06	29.83	10.13	8.03	5.0	1.894	114.5
677	11/23/2012 14:16:34	12.34	46.05	29.81	10.13	8.04	4.6	1.859	114.2
678	11/23/2012 14:31:33	12.46	46.05	29.82	10.07	8.03	5.1	1.848	113.9
679	11/23/2012 14:46:33	12.30	46.11	29.85	9.99	8.02	4.7	1.845	112.5
680	11/23/2012 15:01:33	11.98	46.08	29.83	9.70	7.99	4.7	1.859	108.5
681	11/23/2012 15:16:33	12.08	46.12	29.86	9.70	7.99	4.9	1.904	108.8
682	11/23/2012 15:31:33	12.23	46.14	29.87	9.72	7.99	4.9	1.960	109.4
683	11/23/2012 15:46:33	12.10	46.05	29.81	9.73	7.99	4.5	2.002	109.1
684	11/23/2012 16:01:34	12.07	45.95	29.73	9.63	7.99	4.4	2.087	107.8
685	11/23/2012 16:16:33	12.04	45.34	29.30	9.49	7.97	11.9	2.159	106.0
686	11/23/2012 16:31:33	11.99	45.54	29.44	9.40	7.96	6.0	2.225	104.9
687	11/23/2012 16:46:34	12.01	45.98	29.75	9.37	7.96	5.2	2.289	104.8
688	11/23/2012 17:01:34	11.99	46.07	29.82	9.32	7.96	5.0	2.346	104.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	11/23/2012 17:16:34	11.98	46.10	29.84	9.27	7.96	5.0	2.427	103.7
690	11/23/2012 17:31:34	11.99	46.28	29.97	9.08	7.94	5.4	2.487	101.7
691	11/23/2012 17:46:34	12.03	46.27	29.96	9.02	7.94	5.3	2.546	101.0
692	11/23/2012 18:01:33	12.06	46.59	30.19	8.85	7.93	5.6	2.614	99.4
693	11/23/2012 18:16:33	12.08	46.73	30.29	8.69	7.91	5.7	2.680	97.7
694	11/23/2012 18:31:33	12.08	46.85	30.38	8.66	7.91	6.3	2.745	97.4
695	11/23/2012 18:46:33	12.07	46.87	30.39	8.66	7.91	6.3	2.802	97.4
696	11/23/2012 19:01:33	12.07	46.89	30.41	8.65	7.91	5.9	2.859	97.3
697	11/23/2012 19:16:33	12.09	46.96	30.46	8.63	7.91	6.1	2.932	97.1
698	11/23/2012 19:31:33	12.12	46.97	30.47	8.65	7.91	5.6	2.981	97.4
699	11/23/2012 19:46:33	12.16	46.98	30.48	8.64	7.92	5.7	3.031	97.4
700	11/23/2012 20:01:33	12.19	47.00	30.49	8.64	7.92	5.9	3.074	97.5
701	11/23/2012 20:16:33	12.21	47.04	30.52	8.64	7.92	5.9	3.133	97.6
702	11/23/2012 20:31:33	12.25	47.06	30.54	8.64	7.93	5.8	3.160	97.7
703	11/23/2012 20:46:33	12.27	47.09	30.56	8.64	7.93	5.1	3.186	97.7
704	11/23/2012 21:01:33	12.21	47.01	30.51	8.52	7.93	5.1	3.206	96.1
705	11/23/2012 21:16:34	12.16	46.96	30.46	8.45	7.92	4.6	3.212	95.3
706	11/23/2012 21:31:33	12.25	47.06	30.54	8.54	7.93	5.4	3.201	96.5
707	11/23/2012 21:46:33	12.23	47.06	30.54	8.54	7.92	5.3	3.160	96.5
708	11/23/2012 22:01:33	12.26	47.07	30.55	8.55	7.93	5.7	3.116	96.6
709	11/23/2012 22:16:33	11.92	46.55	30.16	8.58	7.92	6.2	3.073	96.1
710	11/23/2012 22:31:34	11.96	46.78	30.32	8.37	7.90	5.7	3.016	93.9
711	11/23/2012 22:46:34	11.90	46.81	30.34	8.44	7.90	5.9	2.938	94.5
712	11/23/2012 23:01:34	11.90	46.94	30.44	8.35	7.90	5.6	2.870	93.6
713	11/23/2012 23:16:34	11.86	46.97	30.46	8.33	7.89	5.7	2.786	93.3
714	11/23/2012 23:31:34	11.84	46.89	30.40	8.39	7.90	5.4	2.739	93.9
715	11/23/2012 23:46:34	11.80	46.79	30.32	8.51	7.91	5.5	2.655	95.1
716	11/24/2012 0:01:34	11.73	46.68	30.24	8.59	7.91	5.4	2.580	95.8
717	11/24/2012 0:16:34	11.72	46.57	30.16	8.66	7.91	5.3	2.528	96.5
718	11/24/2012 0:31:34	11.75	46.52	30.13	8.68	7.92	5.1	2.471	96.8
719	11/24/2012 0:46:34	11.68	46.48	30.10	8.66	7.91	5.0	2.420	96.4
720	11/24/2012 1:01:34	11.64	46.36	30.01	8.76	7.92	5.0	2.346	97.4
721	11/24/2012 1:16:34	11.60	46.28	29.95	8.84	7.93	4.9	2.311	98.2
722	11/24/2012 1:31:34	11.61	46.17	29.87	8.91	7.94	4.8	2.279	98.9
723	11/24/2012 1:46:34	11.61	46.14	29.85	8.98	7.95	4.7	2.250	99.6
724	11/24/2012 2:01:33	11.63	46.10	29.82	9.07	7.96	4.5	2.242	100.7
725	11/24/2012 2:16:33	11.58	46.07	29.80	9.10	7.95	4.7	2.243	100.9
726	11/24/2012 2:31:33	11.54	46.08	29.80	9.06	7.95	4.7	2.261	100.4
727	11/24/2012 2:46:34	11.54	46.08	29.81	9.11	7.96	5.6	2.278	101.0
728	11/24/2012 3:01:34	11.59	46.18	29.88	8.94	7.94	4.8	2.320	99.2
729	11/24/2012 3:16:34	11.64	46.23	29.92	8.91	7.93	5.1	2.372	99.0
730	11/24/2012 3:31:34	11.63	46.17	29.87	8.84	7.92	5.2	2.425	98.2
731	11/24/2012 3:46:34	11.69	46.16	29.87	8.79	7.92	5.1	2.494	97.8
732	11/24/2012 4:01:34	11.73	46.20	29.90	8.76	7.92	5.3	2.561	97.5
733	11/24/2012 4:16:34	11.69	46.07	29.81	8.75	7.92	5.1	2.632	97.3
734	11/24/2012 4:31:34	11.78	46.39	30.04	8.68	7.91	5.5	2.698	96.8
735	11/24/2012 4:46:34	11.90	46.66	30.24	8.59	7.91	5.5	2.767	96.2
736	11/24/2012 5:01:34	11.97	46.85	30.38	8.57	7.91	5.7	2.851	96.2
737	11/24/2012 5:16:34	12.03	46.94	30.45	8.57	7.92	5.9	2.922	96.4
738	11/24/2012 5:31:33	12.07	46.99	30.48	8.58	7.92	5.9	2.991	96.5
739	11/24/2012 5:46:33	12.10	47.04	30.51	8.59	7.92	6.7	3.061	96.7
740	11/24/2012 6:01:33	12.15	47.11	30.57	8.59	7.93	7.5	3.140	96.9
741	11/24/2012 6:16:33	12.24	47.19	30.63	8.62	7.93	7.8	3.222	97.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	11/24/2012 6:31:33	12.30	47.23	30.67	8.64	7.94	7.8	3.301	97.9
743	11/24/2012 6:46:33	12.40	47.32	30.74	8.70	7.95	9.1	3.389	98.7
744	11/24/2012 7:01:33	12.49	47.41	30.80	8.76	7.97	10.8	3.461	99.7
745	11/24/2012 7:16:33	12.54	47.46	30.84	8.82	7.98	10.2	3.537	100.5
746	11/24/2012 7:31:34	12.59	47.49	30.86	8.84	7.99	10.1	3.611	100.9
747	11/24/2012 7:46:33	12.68	47.53	30.89	8.90	8.00	9.5	3.675	101.7
748	11/24/2012 8:01:33	12.76	47.55	30.91	8.94	8.01	7.9	3.724	102.4
749	11/24/2012 8:16:33	12.78	47.55	30.91	8.92	8.01	6.5	3.766	102.2
750	11/24/2012 8:31:33	12.47	47.60	30.94	8.76	7.99	6.7	3.806	99.7
751	11/24/2012 8:46:33	12.25	47.17	30.62	8.48	7.96	6.3	3.812	95.8
752	11/24/2012 9:01:34	12.53	47.42	30.81	8.66	7.99	6.4	3.827	98.7
753	11/24/2012 9:16:34	12.34	47.33	30.74	8.56	7.96	5.6	3.800	97.1
754	11/24/2012 9:31:33	12.41	47.35	30.75	8.65	7.96	7.5	3.765	98.2
755	11/24/2012 9:46:34	12.48	47.38	30.78	8.71	7.97	7.2	3.711	99.1
756	11/24/2012 10:01:34	12.50	47.37	30.77	8.71	7.98	7.0	3.650	99.1
757	11/24/2012 10:16:33	12.67	47.45	30.84	8.84	7.98	6.7	3.553	101.0
758	11/24/2012 10:31:33	12.73	47.44	30.83	8.89	7.99	6.5	3.456	101.7
759	11/24/2012 10:46:34	12.43	47.22	30.66	8.77	7.97	7.1	3.362	99.5
760	11/24/2012 11:01:33	12.37	47.17	30.62	8.76	7.96	7.0	3.257	99.3
761	11/24/2012 11:16:33	12.27	47.02	30.51	8.74	7.95	5.9	3.150	98.8
762	11/24/2012 11:31:33	12.23	46.93	30.44	8.73	7.94	5.5	3.053	98.6
763	11/24/2012 11:46:33	12.20	46.88	30.41	8.74	7.94	5.8	2.951	98.6
764	11/24/2012 12:01:34	12.15	46.81	30.35	8.75	7.94	5.9	2.849	98.6
765	11/24/2012 12:16:33	12.28	46.86	30.39	8.87	7.94	6.2	2.739	100.2
766	11/24/2012 12:31:33	12.63	47.12	30.59	9.12	7.98	5.3	2.634	103.9
767	11/24/2012 12:46:34	12.41	46.92	30.45	9.08	7.97	6.9	2.515	102.9
768	11/24/2012 13:01:33	12.62	46.97	30.49	9.28	7.99	5.8	2.406	105.6
769	11/24/2012 13:16:34	12.35	46.78	30.34	9.29	7.98	6.1	2.276	105.0
770	11/24/2012 13:31:34	12.30	46.72	30.29	9.29	7.98	6.4	2.181	104.9
771	11/24/2012 13:46:33	12.29	46.61	30.22	9.40	7.98	6.1	2.058	106.1
772	11/24/2012 14:01:33	12.26	46.61	30.21	9.41	7.98	5.7	1.948	106.2
773	11/24/2012 14:16:33	12.45	46.51	30.15	9.90	8.02	5.6	1.864	112.1
774	11/24/2012 14:31:34	12.51	46.49	30.14	9.87	8.03	5.6	1.791	111.9
775	11/24/2012 14:46:33	12.16	46.24	29.95	9.82	8.01	6.5	1.705	110.3
776	11/24/2012 15:01:33	12.08	46.07	29.82	9.99	8.03	4.8	1.675	112.0
777	11/24/2012 15:16:34	12.09	46.06	29.81	9.94	8.03	4.7	1.632	111.5
778	11/24/2012 15:31:33	12.30	46.14	29.88	10.16	8.05	5.9	1.649	114.5
779	11/24/2012 15:46:34	12.24	46.17	29.90	10.02	8.03	5.1	1.669	112.8
780	11/24/2012 16:01:34	12.15	46.15	29.88	9.97	8.03	4.3	1.688	112.0
781	11/24/2012 16:16:33	12.10	46.12	29.86	9.91	8.02	4.3	1.760	111.2
782	11/24/2012 16:31:33	12.08	46.10	29.84	9.85	8.01	4.3	1.817	110.5
783	11/24/2012 16:46:33	12.08	46.00	29.77	9.76	8.00	4.7	1.889	109.3
784	11/24/2012 17:01:33	12.06	45.95	29.74	9.65	7.99	4.9	1.983	108.1
785	11/24/2012 17:16:33	12.06	45.89	29.69	9.54	7.98	5.4	2.068	106.8
786	11/24/2012 17:31:34	12.07	45.92	29.71	9.49	7.98	5.3	2.127	106.3
787	11/24/2012 17:46:33	12.07	45.95	29.73	9.44	7.98	5.3	2.190	105.8
788	11/24/2012 18:01:33	12.08	46.02	29.78	9.37	7.97	5.3	2.312	105.0
789	11/24/2012 18:16:34	12.11	46.22	29.93	9.22	7.96	5.6	2.355	103.4
790	11/24/2012 18:31:34	12.13	46.33	30.01	9.07	7.95	5.7	2.438	102.0
791	11/24/2012 18:46:33	12.15	46.52	30.14	8.84	7.93	5.9	2.512	99.5
792	11/24/2012 19:01:33	12.18	46.61	30.21	8.75	7.92	6.1	2.598	98.6
793	11/24/2012 19:16:33	12.19	46.70	30.28	8.73	7.92	6.2	2.667	98.3
794	11/24/2012 19:31:34	12.21	46.74	30.31	8.71	7.92	6.1	2.721	98.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	11/24/2012 19:46:33	12.22	46.76	30.32	8.70	7.92	5.9	2.796	98.1
796	11/24/2012 20:01:33	12.26	46.76	30.33	8.68	7.92	6.4	2.849	98.0
797	11/24/2012 20:16:33	12.29	46.76	30.33	8.68	7.93	6.4	2.934	98.1
798	11/24/2012 20:31:33	12.32	46.81	30.36	8.68	7.93	6.8	2.979	98.2
799	11/24/2012 20:46:34	12.39	46.87	30.41	8.69	7.94	7.2	3.043	98.5
800	11/24/2012 21:01:34	12.46	46.94	30.46	8.70	7.95	7.3	3.123	98.7
801	11/24/2012 21:16:34	12.49	47.00	30.50	8.70	7.95	7.6	3.145	98.8
802	11/24/2012 21:31:33	12.53	47.05	30.55	8.71	7.95	7.0	3.177	99.1
803	11/24/2012 21:46:33	12.57	47.09	30.57	8.72	7.95	5.7	3.198	99.2
804	11/24/2012 22:01:34	12.62	47.12	30.60	8.62	7.96	5.2	3.226	98.2
805	11/24/2012 22:16:33	12.50	46.99	30.50	8.53	7.95	4.6	3.241	96.9
806	11/24/2012 22:31:33	12.62	47.14	30.61	8.66	7.96	6.4	3.194	98.7
807	11/24/2012 22:46:34	12.55	47.07	30.56	8.64	7.95	6.5	3.170	98.3
808	11/24/2012 23:01:33	12.52	47.00	30.51	8.60	7.94	6.8	3.127	97.7
809	11/24/2012 23:16:33	12.43	46.87	30.41	8.51	7.93	6.4	3.073	96.4
810	11/24/2012 23:31:34	12.34	46.83	30.38	8.47	7.92	6.5	2.985	95.8
811	11/24/2012 23:46:34	12.34	46.84	30.38	8.46	7.92	6.3	2.916	95.6
812	11/25/2012 0:01:33	12.36	46.85	30.39	8.46	7.92	6.1	2.849	95.7
813	11/25/2012 0:16:34	12.33	46.83	30.38	8.47	7.92	5.9	2.789	95.8
814	11/25/2012 0:31:33	12.31	46.77	30.33	8.44	7.91	5.7	2.733	95.4
815	11/25/2012 0:46:34	12.30	46.70	30.28	8.44	7.92	5.4	2.658	95.3
816	11/25/2012 1:01:34	12.30	46.70	30.28	8.42	7.91	6.7	2.593	95.1
817	11/25/2012 1:16:33	12.28	46.64	30.24	8.44	7.91	6.1	2.534	95.3
818	11/25/2012 1:31:34	12.25	46.54	30.16	8.50	7.91	5.1	2.493	95.9
819	11/25/2012 1:46:33	12.25	46.55	30.17	8.47	7.91	5.3	2.428	95.6
820	11/25/2012 2:01:33	12.21	46.40	30.06	8.59	7.91	4.8	2.387	96.7
821	11/25/2012 2:16:34	12.18	46.27	29.97	8.68	7.93	4.6	2.338	97.6
822	11/25/2012 2:31:33	12.18	46.25	29.96	8.66	7.92	4.7	2.316	97.4
823	11/25/2012 2:46:34	12.17	46.22	29.93	8.68	7.93	4.8	2.298	97.6
824	11/25/2012 3:01:33	12.16	46.16	29.89	8.75	7.93	4.5	2.300	98.3
825	11/25/2012 3:16:33	12.17	46.22	29.93	8.75	7.92	4.5	2.318	98.3
826	11/25/2012 3:31:34	12.17	46.24	29.95	8.76	7.93	4.5	2.314	98.5
827	11/25/2012 3:46:33	12.18	46.26	29.96	8.69	7.92	4.8	2.367	97.8
828	11/25/2012 4:01:33	12.18	46.29	29.98	8.73	7.92	5.1	2.417	98.1
829	11/25/2012 4:16:34	12.19	46.33	30.01	8.68	7.92	5.5	2.453	97.7
830	11/25/2012 4:31:33	12.20	46.22	29.93	8.67	7.92	5.7	2.520	97.5
831	11/25/2012 4:46:34	12.20	46.25	29.95	8.66	7.92	5.6	2.596	97.5
832	11/25/2012 5:01:33	12.22	46.36	30.04	8.64	7.91	5.7	2.666	97.2
833	11/25/2012 5:16:33	12.26	46.51	30.14	8.61	7.92	5.6	2.744	97.1
834	11/25/2012 5:31:34	12.30	46.61	30.22	8.59	7.92	5.7	2.810	97.0
835	11/25/2012 5:46:33	12.36	46.77	30.34	8.60	7.92	6.1	2.886	97.4
836	11/25/2012 6:01:33	12.41	46.87	30.41	8.62	7.93	5.9	2.936	97.7
837	11/25/2012 6:16:33	12.43	46.92	30.44	8.63	7.93	6.3	3.029	97.9
838	11/25/2012 6:31:34	12.48	47.00	30.51	8.66	7.94	6.9	3.106	98.3
839	11/25/2012 6:46:34	12.51	47.05	30.54	8.68	7.95	7.3	3.178	98.7
840	11/25/2012 7:01:33	12.62	47.18	30.64	8.74	7.96	7.9	3.260	99.6
841	11/25/2012 7:16:33	12.73	47.30	30.73	8.78	7.97	9.4	3.346	100.4
842	11/25/2012 7:31:33	12.79	47.37	30.79	8.80	7.98	9.7	3.427	100.8
843	11/25/2012 7:46:34	12.97	47.57	30.93	8.89	8.00	10.9	3.506	102.2
844	11/25/2012 8:01:33	13.05	47.68	31.02	8.92	8.01	11.3	3.576	102.8
845	11/25/2012 8:16:33	13.11	47.78	31.09	8.96	8.01	10.4	3.647	103.5
846	11/25/2012 8:31:33	13.15	47.85	31.14	8.97	8.02	10.5	3.702	103.7
847	11/25/2012 8:46:34	13.22	47.97	31.23	9.01	8.03	8.8	3.754	104.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	11/25/2012 9:01:34	13.24	48.01	31.26	9.01	8.03	7.4	3.785	104.4
849	11/25/2012 9:16:34	13.25	48.02	31.27	8.97	8.03	6.5	3.817	104.0
850	11/25/2012 9:31:33	13.11	47.75	31.07	8.79	8.01	7.0	3.814	101.5
851	11/25/2012 9:46:34	13.20	47.96	31.23	8.88	8.02	7.3	3.804	102.8
852	11/25/2012 10:01:34	13.22	47.99	31.25	8.91	8.03	7.1	3.777	103.2
853	11/25/2012 10:16:33	13.13	47.77	31.08	8.88	8.01	8.0	3.723	102.6
854	11/25/2012 10:31:34	13.10	47.69	31.03	8.89	8.01	9.4	3.651	102.6
855	11/25/2012 10:46:33	12.99	47.47	30.86	8.96	8.00	6.2	3.569	103.1
856	11/25/2012 11:01:33	13.16	47.70	31.04	8.98	8.01	6.2	3.475	103.8
857	11/25/2012 11:16:33	13.04	47.56	30.93	8.93	8.00	6.1	3.370	102.9
858	11/25/2012 11:31:34	12.78	47.21	30.67	8.73	7.97	7.5	3.270	99.8
859	11/25/2012 11:46:33	12.73	47.14	30.61	8.71	7.96	7.0	3.166	99.4
860	11/25/2012 12:01:33	12.68	47.07	30.56	8.67	7.95	6.7	3.062	98.9
861	11/25/2012 12:16:33	12.61	46.95	30.48	8.66	7.94	6.4	2.948	98.6
862	11/25/2012 12:31:33	12.56	46.84	30.39	8.66	7.93	6.7	2.834	98.5
863	11/25/2012 12:46:34	12.65	46.95	30.47	8.77	7.95	6.8	2.730	99.9
864	11/25/2012 13:01:33	12.75	47.03	30.54	8.95	7.97	6.2	2.601	102.2
865	11/25/2012 13:16:33	12.68	46.91	30.45	8.94	7.96	6.1	2.484	101.9
866	11/25/2012 13:31:34	12.81	47.03	30.54	9.01	7.98	6.1	2.369	103.0
867	11/25/2012 13:46:33	12.63	46.68	30.28	9.16	7.97	5.7	2.232	104.2
868	11/25/2012 14:01:33	12.67	46.74	30.33	9.10	7.97	5.9	2.133	103.6
869	11/25/2012 14:16:33	12.68	46.62	30.24	9.33	7.98	6.1	2.000	106.2
870	11/25/2012 14:31:34	12.60	46.54	30.18	9.18	7.97	6.4	1.883	104.3
871	11/25/2012 14:46:34	12.65	46.53	30.17	9.38	7.99	6.2	1.762	106.7
872	11/25/2012 15:01:34	12.65	46.55	30.18	9.35	7.99	5.6	1.697	106.3
873	11/25/2012 15:16:34	12.65	46.46	30.13	9.33	7.99	5.7	1.597	106.1
874	11/25/2012 15:31:34	12.58	46.40	30.07	9.27	7.98	5.4	1.537	105.1
875	11/25/2012 15:46:34	12.55	46.28	29.99	9.32	7.99	5.1	1.500	105.6
876	11/25/2012 16:01:33	12.54	46.16	29.90	9.41	8.00	5.1	1.455	106.6
877	11/25/2012 16:16:34	12.59	46.17	29.91	9.47	8.00	5.0	1.476	107.3
878	11/25/2012 16:31:34	12.53	46.05	29.82	9.59	8.01	4.5	1.473	108.5
879	11/25/2012 16:46:33	12.52	46.07	29.84	9.55	8.00	4.6	1.529	108.0
880	11/25/2012 17:01:34	12.48	46.03	29.80	9.48	8.00	4.7	1.606	107.2
881	11/25/2012 17:16:33	12.47	46.04	29.81	9.43	7.99	4.6	1.672	106.6
882	11/25/2012 17:31:34	12.48	45.82	29.66	9.33	7.98	5.0	1.758	105.4
883	11/25/2012 17:46:34	12.48	45.87	29.69	9.26	7.97	5.4	1.832	104.6
884	11/25/2012 18:01:33	12.48	45.73	29.60	9.19	7.96	5.6	1.916	103.7
885	11/25/2012 18:16:34	12.49	45.80	29.64	9.15	7.96	5.4	2.009	103.4
886	11/25/2012 18:31:33	12.49	45.87	29.69	9.12	7.96	5.9	2.092	103.0
887	11/25/2012 18:46:33	12.50	45.93	29.74	9.07	7.95	5.6	2.170	102.6
888	11/25/2012 19:01:34	12.52	46.14	29.88	8.98	7.95	5.7	2.265	101.7
889	11/25/2012 19:16:33	12.53	46.27	29.98	8.87	7.94	6.2	2.343	100.5
890	11/25/2012 19:31:33	12.54	46.48	30.13	8.74	7.93	6.5	2.410	99.1
891	11/25/2012 19:46:34	12.55	46.57	30.20	8.70	7.93	6.9	2.508	98.8
892	11/25/2012 20:01:34	12.56	46.64	30.25	8.69	7.93	7.2	2.588	98.6
893	11/25/2012 20:16:33	12.57	46.69	30.29	8.68	7.93	7.2	2.668	98.7
894	11/25/2012 20:31:34	12.60	46.72	30.31	8.67	7.93	7.0	2.755	98.6
895	11/25/2012 20:46:34	12.62	46.70	30.29	8.67	7.94	7.8	2.823	98.6
896	11/25/2012 21:01:33	12.65	46.76	30.34	8.67	7.94	8.4	2.899	98.7
897	11/25/2012 21:16:33	12.71	46.87	30.42	8.69	7.94	9.3	2.967	99.0
898	11/25/2012 21:31:33	12.75	46.98	30.50	8.69	7.95	9.4	3.031	99.2
899	11/25/2012 21:46:34	12.80	47.09	30.58	8.70	7.96	9.5	3.085	99.5
900	11/25/2012 22:01:33	12.88	47.26	30.71	8.76	7.97	9.5	3.155	100.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	11/25/2012 22:16:33	12.93	47.40	30.81	8.81	7.98	8.4	3.197	101.2
902	11/25/2012 22:31:33	12.96	47.46	30.86	8.83	7.98	7.4	3.229	101.5
903	11/25/2012 22:46:33	12.96	47.49	30.88	8.82	7.98	6.7	3.258	101.4
904	11/25/2012 23:01:33	12.92	47.50	30.88	8.68	7.98	5.6	3.265	99.8
905	11/25/2012 23:16:33	12.97	47.52	30.90	8.73	7.98	7.0	3.260	100.4
906	11/25/2012 23:31:34	12.96	47.51	30.89	8.76	7.98	7.5	3.234	100.7
907	11/25/2012 23:46:33	12.91	47.36	30.78	8.69	7.97	7.5	3.190	99.7
908	11/26/2012 0:01:33	12.75	47.04	30.54	8.53	7.94	7.6	3.133	97.4
909	11/26/2012 0:16:33	12.67	46.89	30.43	8.44	7.93	7.2	3.071	96.2
910	11/26/2012 0:31:33	12.69	46.98	30.50	8.41	7.93	6.5	2.996	95.9
911	11/26/2012 0:46:33	12.71	47.00	30.52	8.46	7.93	6.2	2.924	96.5
912	11/26/2012 1:01:33	12.66	46.88	30.43	8.46	7.93	5.8	2.845	96.4
913	11/26/2012 1:16:33	12.61	46.83	30.38	8.40	7.92	5.9	2.777	95.5
914	11/26/2012 1:31:34	12.59	46.78	30.35	8.38	7.92	6.0	2.720	95.2
915	11/26/2012 1:46:33	12.51	46.59	30.21	8.37	7.91	5.8	2.656	94.9
916	11/26/2012 2:01:33	12.51	46.61	30.23	8.33	7.91	5.8	2.595	94.4
917	11/26/2012 2:16:34	12.49	46.54	30.18	8.33	7.91	5.7	2.541	94.4
918	11/26/2012 2:31:34	12.47	46.49	30.14	8.36	7.91	5.5	2.482	94.7
919	11/26/2012 2:46:33	12.48	46.47	30.12	8.35	7.91	5.4	2.450	94.6
920	11/26/2012 3:01:34	12.47	46.29	30.00	8.42	7.91	5.1	2.414	95.3
921	11/26/2012 3:16:34	12.47	46.25	29.96	8.45	7.92	5.0	2.374	95.5
922	11/26/2012 3:31:34	12.46	46.22	29.94	8.42	7.92	4.8	2.363	95.2
923	11/26/2012 3:46:33	12.45	46.17	29.90	8.47	7.91	4.6	2.362	95.7
924	11/26/2012 4:01:33	12.46	46.28	29.98	8.46	7.91	4.8	2.372	95.7
925	11/26/2012 4:16:34	12.46	46.30	30.00	8.46	7.91	5.0	2.379	95.7
926	11/26/2012 4:31:34	12.46	46.31	30.01	8.42	7.91	5.3	2.418	95.3
927	11/26/2012 4:46:34	12.46	46.34	30.03	8.49	7.91	5.4	2.477	96.1
928	11/26/2012 5:01:33	12.48	46.38	30.06	8.52	7.91	5.7	2.529	96.5
929	11/26/2012 5:16:33	12.47	46.15	29.90	8.48	7.91	6.3	2.594	95.9
930	11/26/2012 5:31:34	12.47	46.18	29.91	8.49	7.91	6.3	2.664	96.0
931	11/26/2012 5:46:33	12.53	46.47	30.12	8.50	7.92	6.1	2.733	96.4
932	11/26/2012 6:01:34	12.56	46.58	30.21	8.49	7.92	6.2	2.811	96.4
933	11/26/2012 6:16:33	12.63	46.76	30.34	8.51	7.93	6.2	2.873	96.8
934	11/26/2012 6:31:33	12.68	46.91	30.45	8.57	7.94	6.2	2.950	97.6
935	11/26/2012 6:46:33	12.74	47.08	30.57	8.62	7.95	6.5	3.032	98.4
936	11/26/2012 7:01:33	12.77	47.17	30.64	8.64	7.95	6.8	3.109	98.8
937	11/26/2012 7:16:33	12.83	47.33	30.76	8.70	7.96	7.5	3.187	99.6
938	11/26/2012 7:31:34	12.90	47.59	30.94	8.74	7.98	8.9	3.274	100.4
939	11/26/2012 7:46:34	12.96	47.83	31.12	8.78	7.99	9.0	3.363	101.0
940	11/26/2012 8:01:34	13.00	48.01	31.25	8.80	8.00	9.8	3.450	101.5
941	11/26/2012 8:16:33	13.00	48.13	31.34	8.81	8.00	9.9	3.527	101.7
942	11/26/2012 8:31:33	13.00	48.28	31.45	8.83	8.00	9.7	3.599	102.0
943	11/26/2012 8:46:33	13.00	48.37	31.51	8.81	8.00	8.5	3.673	101.8
944	11/26/2012 9:01:33	12.99	48.53	31.63	8.82	8.01	7.5	3.741	102.0
945	11/26/2012 9:16:34	12.99	48.56	31.65	8.82	8.01	7.2	3.787	101.9
946	11/26/2012 9:31:34	12.99	48.60	31.68	8.81	8.01	7.2	3.821	101.8
947	11/26/2012 9:46:34	12.98	48.66	31.72	8.79	8.01	6.1	3.862	101.6
948	11/26/2012 10:01:34	12.97	48.41	31.54	8.66	8.00	6.0	3.866	100.0
949	11/26/2012 10:16:33	12.98	48.56	31.65	8.65	8.00	6.2	3.851	100.0
950	11/26/2012 10:31:34	12.98	48.69	31.75	8.73	8.01	6.2	3.831	100.9
951	11/26/2012 10:46:33	12.98	48.61	31.69	8.72	8.01	6.7	3.782	100.7
952	11/26/2012 11:01:33	13.01	47.99	31.24	8.84	8.00	6.6	3.715	102.0
953	11/26/2012 11:16:33	13.04	48.17	31.37	8.85	8.00	5.9	3.632	102.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	11/26/2012 11:31:33	13.00	47.97	31.22	8.83	7.99	6.0	3.531	101.8
955	11/26/2012 11:46:33	12.93	47.71	31.04	8.70	7.98	9.5	3.436	100.0
956	11/26/2012 12:01:34	12.92	47.61	30.96	8.72	7.98	6.2	3.337	100.2
957	11/26/2012 12:16:34	12.93	47.54	30.91	8.74	7.98	6.0	3.217	100.4
958	11/26/2012 12:31:34	12.94	47.46	30.86	8.75	7.97	5.6	3.103	100.5
959	11/26/2012 12:46:33	12.92	47.33	30.76	8.74	7.97	5.3	3.002	100.4
960	11/26/2012 13:01:34	12.90	47.18	30.65	8.72	7.96	6.7	2.889	100.0
961	11/26/2012 13:16:34	12.88	47.14	30.62	8.78	7.96	7.0	2.769	100.6
962	11/26/2012 13:31:34	12.94	45.40	29.37	8.91	7.98	6.2	2.650	101.4
963	11/26/2012 13:46:34	12.88	47.06	30.56	8.95	7.97	6.1	2.515	102.5
964	11/26/2012 14:01:33	12.92	47.17	30.65	8.95	7.98	6.9	2.404	102.7
965	11/26/2012 14:16:33	12.82	46.84	30.40	8.94	7.97	8.2	2.270	102.1
966	11/26/2012 14:31:33	12.84	46.88	30.43	8.98	7.97	7.7	2.151	102.7
967	11/26/2012 14:46:34	12.81	46.71	30.31	9.12	7.98	7.2	2.022	104.1
968	11/26/2012 15:01:34	12.85	46.79	30.36	9.17	8.00	6.6	1.892	104.9
969	11/26/2012 15:16:34	12.82	46.66	30.27	9.20	8.00	6.9	1.790	105.0
970	11/26/2012 15:31:34	12.79	46.57	30.21	9.13	7.99	6.9	1.668	104.2
971	11/26/2012 15:46:34	12.73	46.31	30.02	9.05	7.97	8.5	1.574	103.0
972	11/26/2012 16:01:34	12.71	46.18	29.92	9.06	7.97	9.2	1.490	103.0
973	11/26/2012 16:16:34	12.70	46.05	29.83	9.08	7.97	9.2	1.448	103.1
974	11/26/2012 16:31:34	12.69	45.95	29.76	9.07	7.97	7.3	1.415	102.9
975	11/26/2012 16:46:34	12.69	45.90	29.72	9.05	7.98	6.8	1.401	102.7
976	11/26/2012 17:01:34	12.69	46.03	29.81	9.12	7.97	8.4	1.444	103.6
977	11/26/2012 17:16:34	12.68	45.99	29.79	9.13	7.97	5.7	1.474	103.6
978	11/26/2012 17:31:33	12.67	45.99	29.79	9.10	7.97	5.6	1.526	103.3
979	11/26/2012 17:46:33	12.67	46.01	29.80	9.07	7.96	5.8	1.605	103.0
980	11/26/2012 18:01:34	12.66	45.82	29.66	9.02	7.96	6.4	1.684	102.3
981	11/26/2012 18:16:34	12.67	45.90	29.72	9.01	7.96	6.4	1.775	102.2
982	11/26/2012 18:31:34	12.68	45.76	29.62	8.95	7.95	6.8	1.854	101.4
983	11/26/2012 18:46:33	12.69	45.68	29.56	8.91	7.94	6.5	1.934	101.0
984	11/26/2012 19:01:33	12.69	45.74	29.61	8.90	7.94	6.2	2.029	100.9
985	11/26/2012 19:16:33	12.69	45.89	29.71	8.89	7.94	6.5	2.113	100.9
986	11/26/2012 19:31:34	12.71	46.13	29.89	8.84	7.95	6.4	2.204	100.5
987	11/26/2012 19:46:33	12.72	46.33	30.03	8.74	7.94	6.4	2.275	99.5
988	11/26/2012 20:01:34	12.74	46.50	30.15	8.67	7.93	6.4	2.368	98.7
989	11/26/2012 20:16:33	12.75	46.57	30.21	8.64	7.93	6.7	2.470	98.4
990	11/26/2012 20:31:33	12.75	46.64	30.25	8.61	7.93	7.5	2.546	98.2
991	11/26/2012 20:46:33	12.76	46.70	30.30	8.61	7.93	7.2	2.626	98.1
992	11/26/2012 21:01:33	12.76	46.70	30.30	8.60	7.93	7.0	2.712	98.1
993	11/26/2012 21:16:34	12.78	46.80	30.37	8.61	7.94	8.2	2.800	98.3
994	11/26/2012 21:31:34	12.79	46.88	30.43	8.61	7.94	7.8	2.874	98.3
995	11/26/2012 21:46:34	12.82	47.02	30.53	8.62	7.95	9.5	2.952	98.6
996	11/26/2012 22:01:34	12.84	47.18	30.65	8.62	7.95	9.2	3.026	98.7
997	11/26/2012 22:16:34	12.86	47.30	30.73	8.63	7.96	8.8	3.099	98.9
998	11/26/2012 22:31:34	12.88	47.51	30.89	8.67	7.96	9.7	3.165	99.5
999	11/26/2012 22:46:34	12.89	47.72	31.04	8.69	7.97	8.7	3.224	99.9
1000	11/26/2012 23:01:34	12.90	47.83	31.12	8.70	7.98	8.3	3.275	100.0
1001	11/26/2012 23:16:34	12.91	47.93	31.19	8.70	7.98	6.8	3.318	100.1
1002	11/26/2012 23:31:34	12.92	47.97	31.22	8.69	7.98	5.9	3.344	100.0
1003	11/26/2012 23:46:33	12.89	47.83	31.12	8.56	7.97	5.9	3.349	98.4
1004	11/27/2012 0:01:34	12.91	47.97	31.23	8.59	7.98	6.2	3.335	98.9
1005	11/27/2012 0:16:34	12.91	47.97	31.22	8.63	7.98	6.8	3.302	99.3
1006	11/27/2012 0:31:34	12.89	47.85	31.13	8.58	7.98	6.6	3.255	98.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1007	11/27/2012 0:46:34	12.79	47.35	30.77	8.47	7.95	6.6	3.198	96.9
1008	11/27/2012 1:01:34	12.78	47.27	30.71	8.48	7.95	6.8	3.120	97.0
1009	11/27/2012 1:16:34	12.78	47.35	30.77	8.44	7.95	6.7	3.050	96.6
1010	11/27/2012 1:31:34	12.79	47.45	30.84	8.46	7.95	6.5	2.982	96.8
1011	11/27/2012 1:46:34	12.75	47.22	30.67	8.40	7.94	6.0	2.903	96.0
1012	11/27/2012 2:01:33	12.70	46.93	30.47	8.37	7.92	6.4	2.844	95.5
1013	11/27/2012 2:16:34	12.67	46.81	30.37	8.35	7.92	6.3	2.774	95.1
1014	11/27/2012 2:31:34	12.66	46.73	30.32	8.31	7.92	5.8	2.709	94.6
1015	11/27/2012 2:46:34	12.63	46.69	30.29	8.27	7.91	6.0	2.655	94.1
1016	11/27/2012 3:01:33	12.62	46.73	30.32	8.24	7.91	5.6	2.595	93.8
1017	11/27/2012 3:16:33	12.62	46.70	30.29	8.24	7.91	5.5	2.551	93.7
1018	11/27/2012 3:31:33	12.62	46.64	30.25	8.32	7.91	5.4	2.507	94.5
1019	11/27/2012 3:46:33	12.60	46.51	30.15	8.34	7.91	5.2	2.467	94.7
1020	11/27/2012 4:01:34	12.59	46.42	30.09	8.35	7.91	5.1	2.448	94.8
1021	11/27/2012 4:16:34	12.58	46.35	30.04	8.30	7.91	5.0	2.448	94.1
1022	11/27/2012 4:31:33	12.54	46.36	30.05	8.30	7.90	4.8	2.433	94.1
1023	11/27/2012 4:46:34	12.59	46.51	30.16	8.36	7.91	5.1	2.457	95.0
1024	11/27/2012 5:01:33	12.57	46.50	30.15	8.30	7.90	5.4	2.491	94.2
1025	11/27/2012 5:16:33	12.58	46.52	30.16	8.33	7.91	5.3	2.524	94.6
1026	11/27/2012 5:31:33	12.61	46.58	30.20	8.38	7.91	5.3	2.578	95.3
1027	11/27/2012 5:46:34	12.59	46.44	30.11	8.39	7.91	6.4	2.633	95.2
1028	11/27/2012 6:01:34	12.60	46.47	30.13	8.39	7.91	6.1	2.700	95.2
1029	11/27/2012 6:16:34	12.64	46.65	30.26	8.41	7.92	6.2	2.758	95.7
1030	11/27/2012 6:31:34	12.68	46.81	30.38	8.41	7.92	5.9	2.833	95.8
1031	11/27/2012 6:46:34	12.74	47.11	30.60	8.45	7.94	6.1	2.906	96.5
1032	11/27/2012 7:01:33	12.77	47.28	30.72	8.50	7.94	6.2	2.975	97.2
1033	11/27/2012 7:16:33	12.80	47.42	30.82	8.54	7.95	6.2	3.057	97.7
1034	11/27/2012 7:31:34	12.82	47.54	30.90	8.55	7.96	6.6	3.131	98.0
1035	11/27/2012 7:46:34	12.82	47.60	30.95	8.56	7.96	6.6	3.215	98.1
1036	11/27/2012 8:01:34	12.85	47.81	31.11	8.60	7.97	7.6	3.298	98.7
1037	11/27/2012 8:16:34	12.88	48.00	31.25	8.61	7.98	8.0	3.379	99.1
1038	11/27/2012 8:31:34	12.89	48.16	31.36	8.63	7.99	8.3	3.454	99.3
1039	11/27/2012 8:46:34	12.89	48.32	31.47	8.65	7.99	9.0	3.544	99.6
1040	11/27/2012 9:01:34	12.89	48.46	31.58	8.66	8.00	7.9	3.617	99.9
1041	11/27/2012 9:16:33	12.88	48.54	31.64	8.68	8.00	6.9	3.685	100.0
1042	11/27/2012 9:31:33	12.88	48.64	31.70	8.69	8.00	6.4	3.747	100.2
1043	11/27/2012 9:46:34	12.87	48.70	31.75	8.70	8.01	5.9	3.802	100.3
1044	11/27/2012 10:01:34	12.87	48.76	31.79	8.70	8.01	5.8	3.855	100.4
1045	11/27/2012 10:16:34	12.88	48.80	31.82	8.71	8.01	5.3	3.874	100.6
1046	11/27/2012 10:31:33	12.87	48.82	31.84	8.70	8.01	5.0	3.896	100.5
1047	11/27/2012 10:46:33	12.87	48.65	31.71	8.54	8.00	5.4	3.905	98.5
1048	11/27/2012 11:01:34	12.86	48.82	31.84	8.61	8.01	5.0	3.877	99.3
1049	11/27/2012 11:16:34	12.86	48.81	31.83	8.63	8.01	5.8	3.834	99.6
1050	11/27/2012 11:31:34	12.87	48.77	31.80	8.63	8.01	6.0	3.763	99.6
1051	11/27/2012 11:46:34	12.93	48.23	31.41	8.72	8.00	6.1	3.700	100.5
1052	11/27/2012 12:01:33	12.92	48.02	31.26	8.67	7.99	5.8	3.604	99.8
1053	11/27/2012 12:16:33	12.92	47.95	31.21	8.61	7.98	5.3	3.487	99.1
1054	11/27/2012 12:31:33	12.91	47.84	31.13	8.61	7.97	6.7	3.386	99.1
1055	11/27/2012 12:46:34	12.93	47.88	31.16	8.65	7.98	5.8	3.279	99.6
1056	11/27/2012 13:01:33	12.93	47.86	31.14	8.68	7.98	5.2	3.163	99.9
1057	11/27/2012 13:16:34	12.93	47.69	31.02	8.70	7.98	5.4	3.033	100.0
1058	11/27/2012 13:31:34	12.93	47.51	30.89	8.72	7.97	5.4	2.919	100.2
1059	11/27/2012 13:46:34	12.92	47.39	30.80	8.71	7.97	6.6	2.798	100.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	11/27/2012 14:01:34	12.95	47.42	30.83	8.79	7.98	6.5	2.666	101.0
1061	11/27/2012 14:16:34	12.92	47.28	30.72	8.82	7.98	6.9	2.555	101.2
1062	11/27/2012 14:31:34	12.97	47.42	30.82	8.94	7.99	6.7	2.416	102.7
1063	11/27/2012 14:46:33	12.96	47.23	30.69	8.89	7.98	7.0	2.304	102.1
1064	11/27/2012 15:01:33	12.94	47.01	30.53	8.90	7.97	6.8	2.176	102.0
1065	11/27/2012 15:16:33	12.97	46.98	30.51	9.00	7.98	7.6	2.045	103.2
1066	11/27/2012 15:31:33	12.97	46.90	30.45	9.08	7.99	7.5	1.923	104.1
1067	11/27/2012 15:46:33	12.97	46.89	30.44	9.14	7.99	6.8	1.793	104.8
1068	11/27/2012 16:01:34	12.91	46.70	30.31	9.07	7.99	9.8	1.688	103.8
1069	11/27/2012 16:16:34	12.87	46.57	30.21	9.00	7.98	7.3	1.578	102.9
1070	11/27/2012 16:31:34	12.82	46.36	30.06	8.97	7.97	6.5	1.500	102.3
1071	11/27/2012 16:46:34	12.79	46.18	29.92	8.98	7.97	6.1	1.434	102.2
1072	11/27/2012 17:01:33	12.77	46.07	29.85	8.97	7.96	5.7	1.389	102.1
1073	11/27/2012 17:16:34	12.76	46.05	29.83	8.89	7.96	6.2	1.394	101.1
1074	11/27/2012 17:31:33	12.77	46.11	29.88	9.01	7.96	5.5	1.401	102.5
1075	11/27/2012 17:46:33	12.76	46.15	29.91	9.01	7.96	5.3	1.445	102.5
1076	11/27/2012 18:01:33	12.76	46.17	29.92	8.98	7.96	5.3	1.502	102.2
1077	11/27/2012 18:16:34	12.75	46.19	29.93	8.96	7.96	5.6	1.582	102.0
1078	11/27/2012 18:31:34	12.74	45.83	29.67	8.86	7.95	6.6	1.674	100.6
1079	11/27/2012 18:46:33	12.75	45.90	29.73	8.87	7.94	6.4	1.746	100.8
1080	11/27/2012 19:01:34	12.76	45.60	29.51	8.80	7.94	6.2	1.825	99.9
1081	11/27/2012 19:16:34	12.75	45.62	29.52	8.77	7.93	6.3	1.913	99.6
1082	11/27/2012 19:31:34	12.75	45.80	29.65	8.76	7.93	5.9	1.993	99.5
1083	11/27/2012 19:46:34	12.76	45.97	29.77	8.74	7.94	5.9	2.080	99.4
1084	11/27/2012 20:01:34	12.79	46.34	30.04	8.71	7.94	6.1	2.161	99.2
1085	11/27/2012 20:16:34	12.80	46.56	30.20	8.62	7.94	6.2	2.254	98.3
1086	11/27/2012 20:31:34	12.79	46.67	30.28	8.57	7.93	6.5	2.342	97.8
1087	11/27/2012 20:46:34	12.80	46.76	30.34	8.53	7.93	6.7	2.441	97.4
1088	11/27/2012 21:01:34	12.81	46.88	30.43	8.52	7.93	7.3	2.529	97.3
1089	11/27/2012 21:16:34	12.81	46.95	30.48	8.50	7.93	7.3	2.611	97.2
1090	11/27/2012 21:31:34	12.83	47.08	30.58	8.51	7.94	7.9	2.717	97.4
1091	11/27/2012 21:46:34	12.84	47.15	30.63	8.51	7.94	8.5	2.785	97.5
1092	11/27/2012 22:01:34	12.84	47.22	30.68	8.52	7.95	9.0	2.877	97.5
1093	11/27/2012 22:16:34	12.83	47.37	30.79	8.53	7.95	10.2	2.962	97.8
1094	11/27/2012 22:31:34	12.84	47.49	30.88	8.54	7.96	10.3	3.031	97.9
1095	11/27/2012 22:46:33	12.85	47.76	31.07	8.58	7.97	10.5	3.118	98.5
1096	11/27/2012 23:01:33	12.85	47.94	31.20	8.61	7.98	8.6	3.190	98.9
1097	11/27/2012 23:16:34	12.84	48.06	31.29	8.63	7.99	8.7	3.264	99.2
1098	11/27/2012 23:31:33	12.83	48.13	31.34	8.63	7.99	7.2	3.328	99.3
1099	11/27/2012 23:46:33	12.83	48.19	31.38	8.64	7.99	6.4	3.386	99.3
1100	11/28/2012 0:01:34	12.84	48.24	31.41	8.64	8.00	6.3	3.413	99.4
1101	11/28/2012 0:16:34	12.83	48.22	31.40	8.57	8.00	5.1	3.438	98.6
1102	11/28/2012 0:31:34	12.83	48.12	31.32	8.50	7.99	5.6	3.459	97.7
1103	11/28/2012 0:46:34	12.83	48.21	31.39	8.53	7.99	6.0	3.427	98.1
1104	11/28/2012 1:01:34	12.83	48.21	31.39	8.54	7.99	5.9	3.401	98.2
1105	11/28/2012 1:16:34	12.81	47.98	31.22	8.49	7.98	6.2	3.353	97.5
1106	11/28/2012 1:31:34	12.76	47.68	31.01	8.40	7.96	7.2	3.283	96.2
1107	11/28/2012 1:46:34	12.74	47.61	30.96	8.40	7.96	7.0	3.219	96.2
1108	11/28/2012 2:01:34	12.70	47.58	30.93	8.43	7.96	5.9	3.136	96.4
1109	11/28/2012 2:16:34	12.71	47.68	31.00	8.45	7.96	6.2	3.055	96.7
1110	11/28/2012 2:31:34	12.70	47.30	30.73	8.40	7.94	7.3	2.980	96.0
1111	11/28/2012 2:46:34	12.69	47.21	30.67	8.39	7.94	7.9	2.908	95.8
1112	11/28/2012 3:01:34	12.67	47.15	30.62	8.40	7.94	8.9	2.868	95.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1113	11/28/2012 3:16:34	12.65	47.06	30.56	8.39	7.93	7.8	2.806	95.7
1114	11/28/2012 3:31:34	12.62	46.95	30.47	8.40	7.93	7.6	2.739	95.6
1115	11/28/2012 3:46:34	12.61	46.91	30.44	8.40	7.93	7.4	2.705	95.6
1116	11/28/2012 4:01:34	12.60	46.87	30.42	8.37	7.92	7.6	2.676	95.2
1117	11/28/2012 4:16:33	12.59	46.77	30.35	8.38	7.92	7.3	2.647	95.3
1118	11/28/2012 4:31:34	12.58	46.74	30.32	8.37	7.92	7.0	2.607	95.2
1119	11/28/2012 4:46:34	12.57	46.71	30.30	8.35	7.92	7.2	2.627	94.9
1120	11/28/2012 5:01:33	12.57	46.72	30.31	8.41	7.92	7.3	2.602	95.5
1121	11/28/2012 5:16:34	12.57	46.73	30.32	8.44	7.92	6.7	2.620	96.0
1122	11/28/2012 5:31:34	12.62	46.96	30.48	8.40	7.92	7.0	2.646	95.6
1123	11/28/2012 5:46:33	12.65	47.04	30.54	8.40	7.93	6.4	2.643	95.7
1124	11/28/2012 6:01:34	12.62	47.04	30.54	8.41	7.93	6.7	2.709	95.8
1125	11/28/2012 6:16:34	12.64	47.14	30.61	8.44	7.93	6.5	2.741	96.2
1126	11/28/2012 6:31:33	12.63	47.15	30.62	8.44	7.93	6.8	2.795	96.2
1127	11/28/2012 6:46:33	12.66	47.28	30.71	8.46	7.94	6.1	2.829	96.5
1128	11/28/2012 7:01:33	12.67	47.38	30.79	8.46	7.94	5.6	2.910	96.6
1129	11/28/2012 7:16:33	12.69	47.51	30.88	8.46	7.95	5.7	2.974	96.7
1130	11/28/2012 7:31:33	12.72	47.72	31.03	8.50	7.96	6.2	3.035	97.3
1131	11/28/2012 7:46:33	12.74	47.80	31.10	8.56	7.97	6.1	3.109	98.0
1132	11/28/2012 8:01:34	12.76	47.84	31.12	8.56	7.97	6.1	3.192	98.1
1133	11/28/2012 8:16:34	12.78	47.95	31.20	8.56	7.98	6.5	3.281	98.3
1134	11/28/2012 8:31:34	12.80	48.13	31.33	8.60	7.99	6.5	3.381	98.8
1135	11/28/2012 8:46:34	12.83	48.27	31.43	8.64	8.00	6.7	3.466	99.3
1136	11/28/2012 9:01:34	12.86	48.33	31.48	8.66	8.01	6.4	3.539	99.7
1137	11/28/2012 9:16:33	12.87	48.40	31.53	8.67	8.01	6.2	3.653	99.9
1138	11/28/2012 9:31:33	12.88	48.53	31.63	8.69	8.02	6.2	3.733	100.2
1139	11/28/2012 9:46:33	12.87	48.41	31.54	8.69	8.03	5.8	3.799	100.1
1140	11/28/2012 10:01:34	12.87	48.46	31.58	8.69	8.03	5.1	3.853	100.1
1141	11/28/2012 10:16:33	12.87	48.50	31.60	8.72	8.03	5.0	3.921	100.5
1142	11/28/2012 10:31:33	12.88	48.60	31.67	8.71	8.03	4.8	3.969	100.4
1143	11/28/2012 10:46:34	12.88	48.59	31.67	8.71	8.03	4.3	3.978	100.4
1144	11/28/2012 11:01:34	12.88	48.60	31.68	8.65	8.04	4.2	3.994	99.7
1145	11/28/2012 11:16:34	12.87	48.51	31.62	8.55	8.03	4.3	3.998	98.6
1146	11/28/2012 11:31:34	12.88	48.58	31.66	8.57	8.03	4.6	3.983	98.9
1147	11/28/2012 11:46:33	12.88	48.56	31.65	8.58	8.02	5.2	3.932	98.9
1148	11/28/2012 12:01:33	12.88	48.55	31.64	8.60	8.02	4.9	3.873	99.1
1149	11/28/2012 12:16:34	12.87	48.32	31.48	8.62	8.01	5.1	3.807	99.3
1150	11/28/2012 12:31:34	12.85	47.94	31.19	8.61	7.99	5.2	3.711	98.9
1151	11/28/2012 12:46:34	12.85	47.82	31.11	8.62	7.98	5.1	3.606	99.0
1152	11/28/2012 13:01:34	12.84	47.75	31.06	8.64	7.98	5.7	3.517	99.2
1153	11/28/2012 13:16:34	12.80	47.48	30.86	8.65	7.98	7.0	3.399	99.1
1154	11/28/2012 13:31:34	12.79	47.38	30.79	8.62	7.97	7.8	3.277	98.6
1155	11/28/2012 13:46:34	12.80	47.37	30.78	8.63	7.97	8.0	3.167	98.8
1156	11/28/2012 14:01:33	12.81	47.30	30.73	8.63	7.97	7.7	3.047	98.8
1157	11/28/2012 14:16:33	12.81	47.26	30.70	8.64	7.96	8.3	2.933	98.9
1158	11/28/2012 14:31:34	12.81	47.17	30.64	8.64	7.96	8.5	2.790	98.9
1159	11/28/2012 14:46:34	12.79	47.07	30.57	8.67	7.96	8.9	2.697	99.1
1160	11/28/2012 15:01:34	12.88	47.43	30.83	8.73	7.98	9.2	2.567	100.2
1161	11/28/2012 15:16:34	12.88	47.43	30.83	8.71	7.98	10.3	2.423	100.0
1162	11/28/2012 15:31:34	12.79	46.94	30.47	8.64	7.95	13.6	2.307	98.7
1163	11/28/2012 15:46:34	12.84	47.19	30.66	8.73	7.97	11.4	2.199	99.9
1164	11/28/2012 16:01:34	12.83	47.09	30.59	8.71	7.96	11.5	2.066	99.7
1165	11/28/2012 16:16:34	12.80	46.86	30.42	8.75	7.96	12.5	1.951	100.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	11/28/2012 16:31:34	12.80	46.86	30.41	8.76	7.96	12.6	1.833	100.0
1167	11/28/2012 16:46:34	12.77	46.71	30.30	8.75	7.96	12.1	1.736	99.8
1168	11/28/2012 17:01:34	12.74	46.44	30.11	8.74	7.95	11.4	1.628	99.5
1169	11/28/2012 17:16:34	12.71	46.28	30.00	8.73	7.94	12.6	1.562	99.3
1170	11/28/2012 17:31:33	12.69	46.18	29.92	8.73	7.93	11.6	1.498	99.2
1171	11/28/2012 17:46:33	12.67	46.13	29.89	8.70	7.93	11.5	1.465	98.8
1172	11/28/2012 18:01:33	12.65	46.13	29.88	8.71	7.93	11.8	1.487	98.8
1173	11/28/2012 18:16:33	12.67	46.17	29.92	8.76	7.93	10.1	1.485	99.5
1174	11/28/2012 18:31:34	12.69	46.24	29.96	8.75	7.93	9.6	1.541	99.4
1175	11/28/2012 18:46:34	12.69	46.27	29.99	8.73	7.93	9.2	1.606	99.2
1176	11/28/2012 19:01:34	12.69	46.29	30.00	8.70	7.93	8.9	1.678	98.9
1177	11/28/2012 19:16:34	12.69	45.92	29.74	8.69	7.92	9.0	1.762	98.6
1178	11/28/2012 19:31:33	12.70	45.94	29.75	8.68	7.92	8.7	1.848	98.5
1179	11/28/2012 19:46:33	12.70	45.66	29.55	8.68	7.91	8.8	1.940	98.4
1180	11/28/2012 20:01:33	12.68	45.61	29.51	8.68	7.91	8.9	2.031	98.3
1181	11/28/2012 20:16:34	12.69	45.87	29.70	8.66	7.92	8.4	2.102	98.2
1182	11/28/2012 20:31:33	12.72	46.26	29.98	8.62	7.92	8.3	2.205	98.1
1183	11/28/2012 20:46:33	12.73	46.50	30.15	8.60	7.93	8.2	2.282	97.9
1184	11/28/2012 21:01:34	12.73	46.58	30.21	8.58	7.93	8.4	2.369	97.8
1185	11/28/2012 21:16:33	12.70	46.66	30.27	8.54	7.92	10.4	2.456	97.3
1186	11/28/2012 21:31:33	12.70	46.67	30.28	8.52	7.91	10.9	2.545	97.1
1187	11/28/2012 21:46:34	12.71	46.73	30.32	8.52	7.92	11.1	2.630	97.0
1188	11/28/2012 22:01:34	12.72	46.88	30.43	8.52	7.93	10.8	2.717	97.2
1189	11/28/2012 22:16:34	12.72	46.94	30.47	8.52	7.93	11.2	2.801	97.2
1190	11/28/2012 22:31:34	12.74	47.04	30.54	8.53	7.94	11.7	2.876	97.4
1191	11/28/2012 22:46:34	12.75	47.20	30.66	8.54	7.95	11.6	2.958	97.7
1192	11/28/2012 23:01:33	12.75	47.37	30.78	8.56	7.95	11.4	3.050	97.9
1193	11/28/2012 23:16:33	12.76	47.52	30.89	8.59	7.96	11.4	3.127	98.3
1194	11/28/2012 23:31:33	12.77	47.72	31.03	8.60	7.97	11.9	3.190	98.5
1195	11/28/2012 23:46:33	12.78	47.85	31.13	8.60	7.98	10.4	3.282	98.7
1196	11/29/2012 0:01:34	12.78	47.95	31.20	8.60	7.99	10.1	3.338	98.7
1197	11/29/2012 0:16:34	12.77	48.01	31.24	8.61	7.99	8.9	3.368	98.8
1198	11/29/2012 0:31:34	12.78	48.06	31.28	8.58	7.99	8.4	3.417	98.6
1199	11/29/2012 0:46:34	12.77	48.04	31.26	8.58	7.99	7.0	3.454	98.5
1200	11/29/2012 1:01:34	12.77	48.06	31.28	8.55	8.00	6.5	3.463	98.1
1201	11/29/2012 1:16:34	12.76	48.00	31.24	8.49	7.99	6.4	3.457	97.4
1202	11/29/2012 1:31:34	12.76	47.97	31.22	8.50	7.99	7.0	3.435	97.5
1203	11/29/2012 1:46:34	12.77	48.06	31.28	8.54	8.00	6.3	3.400	98.0
1204	11/29/2012 2:01:34	12.66	47.70	31.02	8.52	7.97	9.8	3.355	97.4
1205	11/29/2012 2:16:33	12.67	47.79	31.08	8.55	7.98	10.1	3.310	97.9
1206	11/29/2012 2:31:33	12.61	47.51	30.88	8.55	7.96	12.1	3.234	97.6
1207	11/29/2012 2:46:33	12.57	47.44	30.83	8.56	7.95	14.3	3.155	97.5
1208	11/29/2012 3:01:34	12.56	47.43	30.82	8.56	7.95	16.2	3.094	97.6
1209	11/29/2012 3:16:34	12.60	47.56	30.91	8.57	7.97	14.6	3.045	97.8
1210	11/29/2012 3:31:34	12.59	47.38	30.78	8.56	7.96	16.9	2.989	97.6
1211	11/29/2012 3:46:34	12.57	47.28	30.71	8.56	7.95	19.5	2.932	97.5
1212	11/29/2012 4:01:34	12.55	47.18	30.64	8.55	7.94	21.1	2.877	97.3
1213	11/29/2012 4:16:34	12.55	47.15	30.62	8.55	7.94	21.1	2.834	97.3
1214	11/29/2012 4:31:34	12.54	47.13	30.60	8.54	7.94	21.1	2.798	97.2
1215	11/29/2012 4:46:33	12.52	47.07	30.56	8.53	7.94	20.0	2.760	97.0
1216	11/29/2012 5:01:33	12.50	47.01	30.51	8.53	7.93	18.9	2.745	96.9
1217	11/29/2012 5:16:34	12.49	46.99	30.50	8.52	7.93	16.9	2.755	96.8
1218	11/29/2012 5:31:34	12.49	46.99	30.50	8.42	7.94	14.7	2.732	95.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1219	11/29/2012 5:46:34	12.50	47.01	30.51	8.56	7.94	17.0	2.739	97.3
1220	11/29/2012 6:01:34	12.51	47.07	30.56	8.60	7.94	16.1	2.753	97.8
1221	11/29/2012 6:16:34	12.50	47.12	30.59	8.57	7.93	15.0	2.771	97.4
1222	11/29/2012 6:31:34	12.52	47.18	30.63	8.59	7.94	13.8	2.804	97.7
1223	11/29/2012 6:46:33	12.56	47.31	30.73	8.60	7.95	10.7	2.841	97.9
1224	11/29/2012 7:01:33	12.58	47.40	30.80	8.60	7.96	9.7	2.905	98.0
1225	11/29/2012 7:16:34	12.58	47.45	30.83	8.60	7.97	9.6	2.961	98.1
1226	11/29/2012 7:31:34	12.62	47.55	30.91	8.59	7.97	7.8	3.018	98.1
1227	11/29/2012 7:46:34	12.64	47.70	31.02	8.57	7.98	8.1	3.087	98.0
1228	11/29/2012 8:01:33	12.63	47.59	30.94	8.59	7.97	8.8	3.174	98.2
1229	11/29/2012 8:16:33	12.62	47.49	30.86	8.60	7.97	10.0	3.226	98.2
1230	11/29/2012 8:31:34	12.62	47.39	30.79	8.60	7.97	10.6	3.331	98.1
1231	11/29/2012 8:46:34	12.63	47.46	30.84	8.59	7.97	10.9	3.408	98.0
1232	11/29/2012 9:01:34	12.66	47.63	30.96	8.57	7.97	11.1	3.490	98.0
1233	11/29/2012 9:16:33	12.69	47.66	30.99	8.59	7.98	9.7	3.576	98.2
1234	11/29/2012 9:31:34	12.73	47.83	31.12	8.61	8.00	9.0	3.643	98.6
1235	11/29/2012 9:46:33	12.75	48.02	31.25	8.63	8.00	8.6	3.735	99.0
1236	11/29/2012 10:01:34	12.77	48.12	31.33	8.65	8.02	7.6	3.799	99.3
1237	11/29/2012 10:16:34	12.78	48.22	31.40	8.66	8.02	7.3	3.880	99.5
1238	11/29/2012 10:31:34	12.73	47.81	31.10	8.66	8.02	6.2	3.944	99.2
1239	11/29/2012 10:46:34	12.77	48.29	31.45	8.64	8.03	6.4	3.992	99.3
1240	11/29/2012 11:01:34	12.76	48.17	31.36	8.57	8.03	6.5	3.983	98.5
1241	11/29/2012 11:16:34	12.77	48.21	31.39	8.56	8.03	5.4	4.034	98.3
1242	11/29/2012 11:31:34	12.75	48.15	31.35	8.69	8.04	5.6	4.036	99.8
1243	11/29/2012 11:46:34	12.76	48.13	31.33	8.53	8.02	5.6	3.988	97.9
1244	11/29/2012 12:01:34	12.77	48.33	31.48	8.51	8.02	5.8	3.989	97.8
1245	11/29/2012 12:16:34	12.76	48.36	31.50	8.55	8.03	6.9	3.950	98.3
1246	11/29/2012 12:31:34	12.75	48.07	31.29	8.59	8.02	6.5	3.884	98.6
1247	11/29/2012 12:46:33	12.74	47.96	31.21	8.58	8.01	7.5	3.826	98.4
1248	11/29/2012 13:01:34	12.74	47.88	31.15	8.57	8.01	8.8	3.728	98.2
1249	11/29/2012 13:16:33	12.71	47.57	30.93	8.55	7.99	10.1	3.649	97.8
1250	11/29/2012 13:31:33	12.71	47.34	30.76	8.57	7.98	8.7	3.568	97.9
1251	11/29/2012 13:46:34	12.75	47.68	31.00	8.59	8.00	8.8	3.444	98.4
1252	11/29/2012 14:01:33	12.72	47.54	30.90	8.56	7.98	10.0	3.344	97.9
1253	11/29/2012 14:16:33	12.69	47.36	30.77	8.55	7.97	13.9	3.233	97.6
1254	11/29/2012 14:31:33	12.68	47.24	30.69	8.54	7.97	12.4	3.140	97.4
1255	11/29/2012 14:46:33	12.64	46.95	30.47	8.54	7.95	13.1	3.020	97.2
1256	11/29/2012 15:01:33	12.65	46.94	30.47	8.52	7.95	12.3	2.898	97.1
1257	11/29/2012 15:16:34	12.61	46.66	30.26	8.53	7.95	14.7	2.787	96.9
1258	11/29/2012 15:31:33	12.62	46.69	30.29	8.52	7.94	14.4	2.659	96.9
1259	11/29/2012 15:46:34	12.64	46.82	30.38	8.51	7.95	13.7	2.548	96.8
1260	11/29/2012 16:01:34	12.67	46.87	30.42	8.53	7.96	12.1	2.416	97.2
1261	11/29/2012 16:16:34	12.57	46.41	30.08	8.53	7.93	17.0	2.293	96.8
1262	11/29/2012 16:31:34	12.60	46.40	30.08	8.53	7.94	15.6	2.197	96.9
1263	11/29/2012 16:46:33	12.63	46.44	30.11	8.52	7.93	14.8	2.071	96.8
1264	11/29/2012 17:01:34	12.57	46.14	29.89	8.51	7.92	17.5	1.971	96.5
1265	11/29/2012 17:16:34	12.55	45.94	29.74	8.51	7.92	18.8	1.866	96.3
1266	11/29/2012 17:31:33	12.57	45.89	29.71	8.50	7.91	18.9	1.769	96.2
1267	11/29/2012 17:46:34	12.54	45.73	29.59	8.50	7.91	19.7	1.670	96.1
1268	11/29/2012 18:01:34	12.51	45.53	29.45	8.49	7.90	20.1	1.624	95.8
1269	11/29/2012 18:16:34	12.50	45.41	29.36	8.49	7.90	18.9	1.601	95.8
1270	11/29/2012 18:31:33	12.51	45.39	29.35	8.45	7.90	17.6	1.560	95.3
1271	11/29/2012 18:46:33	12.51	45.40	29.35	8.52	7.90	18.7	1.572	96.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1272	11/29/2012 19:01:33	12.51	45.41	29.36	8.56	7.90	19.5	1.623	96.5
1273	11/29/2012 19:16:33	12.51	45.44	29.39	8.55	7.90	17.1	1.625	96.5
1274	11/29/2012 19:31:34	12.50	45.25	29.25	8.56	7.90	15.8	1.674	96.5
1275	11/29/2012 19:46:33	12.50	45.01	29.07	8.56	7.90	16.2	1.786	96.3
1276	11/29/2012 20:01:33	12.49	44.64	28.81	8.56	7.90	16.8	1.852	96.2
1277	11/29/2012 20:16:34	12.48	44.24	28.53	8.56	7.90	16.3	1.939	96.0
1278	11/29/2012 20:31:34	12.49	44.43	28.66	8.54	7.90	15.1	2.024	95.9
1279	11/29/2012 20:46:33	12.49	44.26	28.54	8.55	7.90	15.3	2.132	95.9
1280	11/29/2012 21:01:34	12.49	44.10	28.42	8.56	7.90	15.3	2.211	95.9
1281	11/29/2012 21:16:34	12.51	44.60	28.78	8.54	7.91	13.3	2.297	96.0
1282	11/29/2012 21:31:33	12.53	44.51	28.72	8.55	7.91	12.3	2.390	96.1
1283	11/29/2012 21:46:34	12.57	45.55	29.46	8.54	7.92	16.3	2.460	96.5
1284	11/29/2012 22:01:33	12.57	45.59	29.49	8.54	7.91	16.2	2.534	96.6
1285	11/29/2012 22:16:33	12.56	45.52	29.44	8.54	7.91	17.7	2.630	96.5
1286	11/29/2012 22:31:34	12.58	45.44	29.39	8.56	7.92	21.0	2.708	96.7
1287	11/29/2012 22:46:33	12.59	45.63	29.52	8.54	7.92	19.4	2.801	96.6
1288	11/29/2012 23:01:34	12.59	45.74	29.61	8.54	7.92	21.1	2.895	96.7
1289	11/29/2012 23:16:33	12.61	45.98	29.77	8.54	7.93	26.9	2.986	96.8
1290	11/29/2012 23:31:33	12.64	46.21	29.94	8.55	7.94	25.4	3.076	97.0
1291	11/29/2012 23:46:33	12.66	46.43	30.10	8.56	7.95	26.9	3.170	97.3
1292	11/30/2012 0:01:33	12.69	46.68	30.28	8.59	7.96	25.1	3.251	97.8
1293	11/30/2012 0:16:33	12.71	46.85	30.40	8.59	7.96	25.1	3.351	97.9
1294	11/30/2012 0:31:34	12.73	47.02	30.53	8.58	7.97	21.9	3.414	97.9
1295	11/30/2012 0:46:33	12.74	47.06	30.56	8.56	7.97	16.5	3.470	97.7
1296	11/30/2012 1:01:34	12.74	47.13	30.61	8.54	7.98	14.4	3.517	97.6
1297	11/30/2012 1:16:33	12.74	47.12	30.60	8.45	7.97	10.8	3.551	96.6
1298	11/30/2012 1:31:33	12.73	47.06	30.56	8.40	7.97	8.4	3.570	95.9
1299	11/30/2012 1:46:33	12.74	47.10	30.59	8.46	7.97	11.8	3.580	96.6
1300	11/30/2012 2:01:34	12.75	47.17	30.64	8.49	7.98	13.0	3.537	97.1
1301	11/30/2012 2:16:34	12.74	47.12	30.60	8.47	7.97	14.7	3.518	96.7
1302	11/30/2012 2:31:33	12.71	46.41	30.09	8.47	7.95	10.6	3.472	96.4
1303	11/30/2012 2:46:33	12.65	45.37	29.34	8.49	7.93	19.7	3.435	96.0
1304	11/30/2012 3:01:34	12.71	46.72	30.31	8.46	7.96	16.1	3.380	96.4
1305	11/30/2012 3:16:33	12.70	46.49	30.14	8.49	7.95	18.0	3.323	96.6
1306	11/30/2012 3:31:34	12.67	46.19	29.93	8.50	7.95	16.4	3.248	96.6
1307	11/30/2012 3:46:33	12.65	45.93	29.74	8.50	7.94	14.1	3.180	96.4
1308	11/30/2012 4:01:34	12.63	45.73	29.59	8.46	7.93	13.3	3.125	95.8
1309	11/30/2012 4:16:34	12.62	45.69	29.57	8.42	7.92	12.0	3.083	95.4
1310	11/30/2012 4:31:33	12.61	45.64	29.53	8.39	7.92	10.8	3.020	94.9
1311	11/30/2012 4:46:33	12.61	45.72	29.59	8.38	7.92	11.1	2.965	94.9
1312	11/30/2012 5:01:33	12.61	45.73	29.59	8.36	7.92	10.9	2.946	94.6
1313	11/30/2012 5:16:34	12.61	45.71	29.58	8.34	7.92	10.1	2.899	94.5
1314	11/30/2012 5:31:33	12.60	45.36	29.33	8.32	7.91	10.3	2.897	94.0
1315	11/30/2012 5:46:33	12.59	45.20	29.21	8.35	7.91	11.2	2.849	94.2
1316	11/30/2012 6:01:34	12.58	45.00	29.08	8.33	7.91	10.4	2.838	93.9
1317	11/30/2012 6:16:33	12.57	44.76	28.90	8.30	7.90	10.5	2.832	93.4
1318	11/30/2012 6:31:33	12.58	45.10	29.15	8.25	7.90	9.3	2.846	93.1
1319	11/30/2012 6:46:34	12.58	45.01	29.08	8.35	7.91	11.1	2.857	94.1
1320	11/30/2012 7:01:33	12.59	44.76	28.90	8.34	7.90	11.8	2.862	94.0
1321	11/30/2012 7:16:34	12.58	44.98	29.05	8.39	7.91	10.9	2.899	94.6
1322	11/30/2012 7:31:34	12.60	45.50	29.43	8.37	7.92	11.5	2.913	94.7
1323	11/30/2012 7:46:34	12.61	45.42	29.37	8.37	7.91	14.3	2.958	94.6
1324	11/30/2012 8:01:34	12.63	45.54	29.46	8.38	7.92	15.6	3.006	94.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1325	11/30/2012 8:16:33	12.64	45.71	29.58	8.40	7.92	15.8	3.090	95.2
1326	11/30/2012 8:31:33	12.65	45.75	29.61	8.42	7.93	14.3	3.159	95.3
1327	11/30/2012 8:46:33	12.67	45.97	29.77	8.41	7.93	15.0	3.211	95.4
1328	11/30/2012 9:01:34	12.69	46.18	29.92	8.46	7.95	15.9	3.291	96.1
1329	11/30/2012 9:16:34	12.72	46.40	30.08	8.52	7.96	18.2	3.383	96.9
1330	11/30/2012 9:31:33	12.72	46.44	30.11	8.52	7.96	16.4	3.459	97.0
1331	11/30/2012 9:46:33	12.73	46.53	30.17	8.53	7.96	16.7	3.530	97.2
1332	11/30/2012 10:01:34	12.74	46.63	30.25	8.54	7.97	13.7	3.598	97.3
1333	11/30/2012 10:16:34	12.76	46.63	30.25	8.55	7.97	13.2	3.658	97.5
1334	11/30/2012 10:31:33	12.78	46.68	30.28	8.58	7.97	15.3	3.736	97.9
1335	11/30/2012 10:46:34	12.81	46.73	30.32	8.61	7.98	15.0	3.790	98.3
1336	11/30/2012 11:01:34	12.83	46.75	30.34	8.62	7.99	12.5	3.838	98.5
1337	11/30/2012 11:16:33	12.86	46.76	30.35	8.64	7.99	10.9	3.894	98.8
1338	11/30/2012 11:31:33	12.87	46.77	30.36	8.64	7.99	10.5	3.923	98.8
1339	11/30/2012 11:46:33	12.89	46.79	30.37	8.51	7.99	8.4	3.936	97.4
1340	11/30/2012 12:01:33	12.85	46.71	30.31	8.52	7.98	9.3	3.945	97.3
1341	11/30/2012 12:16:33	12.83	46.72	30.32	8.50	7.98	9.9	3.951	97.1
1342	11/30/2012 12:31:34	12.86	46.77	30.36	8.55	7.99	10.8	3.910	97.8
1343	11/30/2012 12:46:34	12.95	45.98	29.79	8.44	7.95	8.3	3.880	96.3
1344	11/30/2012 13:01:34	12.98	46.03	29.82	8.49	7.96	9.5	3.839	97.0
1345	11/30/2012 13:16:34	12.86	46.68	30.29	8.52	7.98	11.3	3.781	97.4
1346	11/30/2012 13:31:33	12.84	46.61	30.24	8.50	7.98	13.1	3.695	97.1
1347	11/30/2012 13:46:34	12.84	46.48	30.15	8.49	7.97	14.1	3.622	96.9
1348	11/30/2012 14:01:33	12.86	45.93	29.75	8.47	7.96	15.9	3.532	96.5
1349	11/30/2012 14:16:33	13.03	43.53	28.04	8.46	7.92	14.5	3.433	95.7
1350	11/30/2012 14:31:33	12.98	43.62	28.10	8.42	7.91	12.2	3.353	95.2
1351	11/30/2012 14:46:33	12.90	44.95	29.05	8.43	7.93	14.2	3.243	95.6
1352	11/30/2012 15:01:34	12.93	44.35	28.62	8.43	7.92	17.7	3.116	95.5
1353	11/30/2012 15:16:33	12.95	44.21	28.52	8.43	7.91	15.8	3.020	95.4
1354	11/30/2012 15:31:33	12.95	44.20	28.51	8.46	7.91	13.4	2.893	95.8
1355	11/30/2012 15:46:34	12.96	44.61	28.81	8.44	7.92	11.0	2.789	95.8
1356	11/30/2012 16:01:34	12.94	44.59	28.79	8.46	7.92	11.3	2.682	95.9
1357	11/30/2012 16:16:34	12.93	44.48	28.71	8.44	7.91	11.8	2.568	95.6
1358	11/30/2012 16:31:33	12.92	44.23	28.53	8.43	7.91	12.6	2.456	95.4
1359	11/30/2012 16:46:34	12.90	43.92	28.31	8.38	7.90	12.6	2.344	94.7
1360	11/30/2012 17:01:34	12.87	43.91	28.30	8.37	7.89	13.0	2.233	94.5
1361	11/30/2012 17:16:34	12.86	44.10	28.44	8.42	7.90	12.4	2.107	95.1
1362	11/30/2012 17:31:33	12.81	44.17	28.49	8.37	7.89	13.3	2.004	94.5
1363	11/30/2012 17:46:33	12.79	44.09	28.43	8.34	7.89	13.6	1.897	94.1
1364	11/30/2012 18:01:34	12.77	44.05	28.40	8.33	7.89	13.7	1.801	93.9
1365	11/30/2012 18:16:34	12.74	44.04	28.39	8.29	7.88	13.6	1.755	93.4
1366	11/30/2012 18:31:34	12.73	44.04	28.39	8.27	7.88	13.4	1.669	93.2
1367	11/30/2012 18:46:33	12.74	43.99	28.36	8.25	7.87	13.3	1.633	92.9
1368	11/30/2012 19:01:33	12.74	43.96	28.33	8.20	7.87	11.3	1.609	92.4
1369	11/30/2012 19:16:33	12.72	43.97	28.34	8.29	7.87	11.6	1.602	93.4
1370	11/30/2012 19:31:33	12.73	43.97	28.34	8.31	7.87	11.2	1.613	93.6
1371	11/30/2012 19:46:34	12.74	43.96	28.34	8.30	7.88	10.9	1.665	93.5
1372	11/30/2012 20:01:34	12.75	43.78	28.20	8.31	7.87	10.7	1.721	93.5
1373	11/30/2012 20:16:34	12.77	43.58	28.06	8.30	7.87	11.1	1.808	93.4
1374	11/30/2012 20:31:34	12.78	42.88	27.56	8.32	7.87	12.2	1.868	93.4
1375	11/30/2012 20:46:34	12.79	42.50	27.30	8.34	7.86	11.9	1.966	93.4
1376	11/30/2012 21:01:34	12.79	42.36	27.20	8.34	7.86	11.8	2.060	93.3
1377	11/30/2012 21:16:34	12.81	43.14	27.75	8.32	7.87	12.8	2.142	93.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1378	11/30/2012 21:31:34	12.81	42.39	27.22	8.36	7.87	15.5	2.233	93.6
1379	11/30/2012 21:46:33	12.83	43.16	27.77	8.36	7.87	11.8	2.305	94.0
1380	11/30/2012 22:01:34	12.83	43.19	27.79	8.38	7.88	11.8	2.401	94.2
1381	11/30/2012 22:16:33	12.87	44.15	28.48	8.36	7.88	14.7	2.501	94.5
1382	11/30/2012 22:31:33	12.90	44.32	28.60	8.37	7.88	14.9	2.576	94.7
1383	11/30/2012 22:46:33	12.87	44.10	28.44	8.39	7.88	14.9	2.660	94.8
1384	11/30/2012 23:01:33	12.87	44.29	28.57	8.39	7.89	15.3	2.747	94.9
1385	11/30/2012 23:16:34	12.87	44.40	28.65	8.40	7.90	18.0	2.828	95.0
1386	11/30/2012 23:31:34	12.86	44.28	28.57	8.42	7.90	18.4	2.924	95.2
1387	11/30/2012 23:46:34	12.85	44.27	28.56	8.44	7.91	23.5	3.023	95.4
1388	12/1/2012 0:01:34	12.85	44.54	28.75	8.50	7.92	30.0	3.108	96.1
1389	12/1/2012 0:16:34	12.87	44.82	28.95	8.52	7.93	27.8	3.184	96.6
1390	12/1/2012 0:31:34	12.91	44.98	29.07	8.58	7.94	29.4	3.270	97.4
1391	12/1/2012 0:46:33	12.97	45.04	29.11	8.71	7.96	33.6	3.353	99.0
1392	12/1/2012 1:01:33	13.03	45.01	29.10	8.81	7.97	32.5	3.415	100.2
1393	12/1/2012 1:16:33	13.05	44.96	29.06	8.82	7.98	25.3	3.478	100.4
1394	12/1/2012 1:31:34	13.08	44.72	28.89	8.86	7.99	20.8	3.500	100.8
1395	12/1/2012 1:46:33	13.12	44.80	28.95	8.87	8.00	20.6	3.566	101.0
1396	12/1/2012 2:01:33	13.13	44.66	28.85	8.81	8.00	19.3	3.574	100.4
1397	12/1/2012 2:16:33	13.03	44.73	28.89	8.66	7.97	16.7	3.593	98.5
1398	12/1/2012 2:31:33	12.97	44.86	28.99	8.56	7.95	15.9	3.589	97.3
1399	12/1/2012 2:46:34	12.94	44.64	28.82	8.48	7.95	13.4	3.562	96.2
1400	12/1/2012 3:01:33	13.07	44.86	28.99	8.75	7.98	17.8	3.506	99.7
1401	12/1/2012 3:16:33	12.96	44.64	28.83	8.60	7.96	14.3	3.479	97.6
1402	12/1/2012 3:31:34	12.88	44.26	28.55	8.56	7.94	12.2	3.421	96.9
1403	12/1/2012 3:46:33	12.89	44.29	28.58	8.60	7.94	13.2	3.358	97.3
1404	12/1/2012 4:01:33	12.92	44.57	28.78	8.56	7.94	20.3	3.285	97.0
1405	12/1/2012 4:16:33	12.91	44.60	28.80	8.56	7.94	14.5	3.225	97.0
1406	12/1/2012 4:31:33	12.83	44.11	28.44	8.47	7.91	11.4	3.182	95.6
1407	12/1/2012 4:46:33	12.81	43.91	28.30	8.44	7.90	10.4	3.107	95.2
1408	12/1/2012 5:01:33	12.80	43.82	28.24	8.44	7.90	12.1	3.055	95.2
1409	12/1/2012 5:16:34	12.79	43.64	28.10	8.42	7.90	10.9	3.042	94.8
1410	12/1/2012 5:31:34	12.83	44.13	28.46	8.36	7.91	9.7	2.961	94.4
1411	12/1/2012 5:46:34	12.82	44.00	28.37	8.32	7.90	9.7	2.957	93.9
1412	12/1/2012 6:01:33	12.81	43.89	28.28	8.28	7.90	9.7	2.906	93.4
1413	12/1/2012 6:16:33	12.82	44.01	28.37	8.22	7.89	9.3	2.859	92.7
1414	12/1/2012 6:31:33	12.81	43.96	28.34	8.17	7.89	9.2	2.842	92.1
1415	12/1/2012 6:46:33	12.81	43.87	28.27	8.16	7.89	8.3	2.844	92.0
1416	12/1/2012 7:01:34	12.81	43.84	28.25	8.28	7.89	9.1	2.839	93.3
1417	12/1/2012 7:16:34	12.80	43.81	28.23	8.33	7.89	9.7	2.852	93.8
1418	12/1/2012 7:31:34	12.81	43.82	28.23	8.35	7.89	9.0	2.843	94.2
1419	12/1/2012 7:46:33	12.81	43.86	28.26	8.36	7.89	9.7	2.864	94.2
1420	12/1/2012 8:01:34	12.80	43.77	28.20	8.36	7.89	10.3	2.915	94.2
1421	12/1/2012 8:16:34	12.79	43.60	28.08	8.36	7.89	10.5	2.939	94.1
1422	12/1/2012 8:31:33	12.82	43.19	27.79	8.49	7.91	15.1	3.004	95.5
1423	12/1/2012 8:46:34	12.87	43.70	28.15	8.51	7.93	17.8	3.058	96.0
1424	12/1/2012 9:01:33	12.88	43.90	28.29	8.52	7.93	16.1	3.125	96.2
1425	12/1/2012 9:16:34	12.87	43.97	28.34	8.49	7.92	16.8	3.196	95.9
1426	12/1/2012 9:31:33	12.89	44.12	28.45	8.52	7.93	18.9	3.253	96.4
1427	12/1/2012 9:46:34	12.95	44.34	28.61	8.63	7.95	23.4	3.346	97.8
1428	12/1/2012 10:01:34	12.97	44.57	28.78	8.65	7.95	20.9	3.400	98.1
1429	12/1/2012 10:16:34	12.98	44.58	28.79	8.64	7.95	16.9	3.498	98.1
1430	12/1/2012 10:31:34	13.00	44.57	28.78	8.66	7.96	18.6	3.536	98.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1431	12/1/2012 10:46:33	13.01	44.50	28.73	8.66	7.96	15.3	3.596	98.3
1432	12/1/2012 11:01:33	13.02	44.49	28.73	8.67	7.96	14.6	3.670	98.4
1433	12/1/2012 11:16:34	13.05	44.56	28.78	8.71	7.97	18.1	3.718	99.0
1434	12/1/2012 11:31:33	13.07	44.54	28.76	8.70	7.98	13.2	3.768	98.9
1435	12/1/2012 11:46:33	13.10	44.49	28.72	8.72	7.98	12.3	3.819	99.2
1436	12/1/2012 12:01:33	13.13	44.50	28.73	8.75	7.99	11.6	3.851	99.6
1437	12/1/2012 12:16:33	13.15	44.59	28.80	8.78	8.00	13.8	3.889	100.1
1438	12/1/2012 12:31:34	13.14	44.56	28.78	8.63	8.00	9.6	3.907	98.3
1439	12/1/2012 12:46:34	13.09	44.51	28.73	8.61	7.98	12.6	3.883	97.9
1440	12/1/2012 13:01:33	13.06	44.53	28.75	8.60	7.97	12.4	3.903	97.7
1441	12/1/2012 13:16:33	13.10	44.55	28.77	8.63	7.98	15.1	3.863	98.2
1442	12/1/2012 13:31:33	13.04	44.33	28.61	8.48	7.93	10.4	3.820	96.3
1443	12/1/2012 13:46:33	13.12	43.71	28.17	8.55	7.93	9.5	3.759	96.9
1444	12/1/2012 14:01:33	13.07	43.70	28.16	8.50	7.93	12.3	3.677	96.3
1445	12/1/2012 14:16:33	13.07	43.06	27.70	8.46	7.92	11.7	3.614	95.6
1446	12/1/2012 14:31:33	13.06	43.17	27.78	8.44	7.91	9.4	3.524	95.3
1447	12/1/2012 14:46:33	13.05	43.66	28.13	8.41	7.91	8.9	3.404	95.3
1448	12/1/2012 15:01:33	13.02	43.17	27.78	8.40	7.90	9.4	3.310	94.8
1449	12/1/2012 15:16:33	13.03	43.09	27.72	8.39	7.90	11.2	3.234	94.7
1450	12/1/2012 15:31:33	13.00	43.13	27.75	8.38	7.90	10.6	3.126	94.5
1451	12/1/2012 15:46:33	13.00	43.32	27.89	8.38	7.90	9.3	3.019	94.6
1452	12/1/2012 16:01:33	12.97	43.29	27.87	8.29	7.89	9.2	2.896	93.6
1453	12/1/2012 16:16:34	12.96	43.50	28.01	8.24	7.89	8.7	2.786	93.1
1454	12/1/2012 16:31:34	12.96	43.41	27.95	8.30	7.89	9.7	2.665	93.7
1455	12/1/2012 16:46:34	12.95	43.33	27.89	8.31	7.89	9.7	2.553	93.8
1456	12/1/2012 17:01:34	12.96	43.49	28.00	8.30	7.89	9.1	2.450	93.8
1457	12/1/2012 17:16:34	12.94	43.25	27.84	8.25	7.88	9.6	2.358	93.0
1458	12/1/2012 17:31:34	12.90	42.90	27.58	8.23	7.87	9.9	2.231	92.5
1459	12/1/2012 17:46:34	12.90	42.93	27.60	8.22	7.87	10.2	2.136	92.4
1460	12/1/2012 18:01:34	12.88	42.69	27.43	8.21	7.86	9.8	2.036	92.2
1461	12/1/2012 18:16:34	12.88	42.66	27.41	8.18	7.86	9.3	1.949	91.8
1462	12/1/2012 18:31:34	12.87	42.54	27.32	8.19	7.85	9.5	1.845	91.9
1463	12/1/2012 18:46:34	12.86	42.45	27.26	8.18	7.85	10.1	1.750	91.7
1464	12/1/2012 19:01:34	12.85	42.42	27.24	8.14	7.84	11.1	1.715	91.2
1465	12/1/2012 19:16:33	12.85	42.37	27.20	8.12	7.84	10.9	1.639	91.0
1466	12/1/2012 19:31:34	12.84	42.31	27.16	8.12	7.84	10.6	1.615	91.0
1467	12/1/2012 19:46:34	12.85	42.37	27.20	8.20	7.84	9.9	1.632	91.9
1468	12/1/2012 20:01:34	12.84	42.33	27.18	8.23	7.84	8.9	1.614	92.2
1469	12/1/2012 20:16:34	12.85	42.40	27.23	8.22	7.84	9.2	1.677	92.2
1470	12/1/2012 20:31:33	12.85	42.31	27.16	8.23	7.84	9.5	1.733	92.3
1471	12/1/2012 20:46:33	12.86	42.20	27.08	8.21	7.84	11.5	1.807	92.0
1472	12/1/2012 21:01:34	12.84	41.61	26.67	8.24	7.83	12.0	1.891	92.1
1473	12/1/2012 21:16:34	12.84	41.47	26.57	8.26	7.83	13.0	1.963	92.2
1474	12/1/2012 21:31:34	12.84	41.55	26.62	8.25	7.83	12.8	2.049	92.2
1475	12/1/2012 21:46:34	12.82	40.59	25.94	8.29	7.83	13.9	2.125	92.1
1476	12/1/2012 22:01:34	12.84	41.41	26.53	8.26	7.84	13.9	2.207	92.2
1477	12/1/2012 22:16:34	12.85	41.30	26.44	8.31	7.84	14.1	2.301	92.7
1478	12/1/2012 22:31:33	12.86	41.36	26.49	8.33	7.84	14.0	2.383	93.0
1479	12/1/2012 22:46:33	12.89	42.37	27.20	8.31	7.86	15.0	2.477	93.2
1480	12/1/2012 23:01:34	12.89	42.13	27.04	8.34	7.86	16.4	2.564	93.5
1481	12/1/2012 23:16:33	12.90	42.05	26.98	8.36	7.86	15.6	2.660	93.7
1482	12/1/2012 23:31:33	12.92	42.00	26.95	8.40	7.86	18.9	2.736	94.1
1483	12/1/2012 23:46:34	12.93	42.50	27.30	8.37	7.87	18.8	2.822	94.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1484	12/2/2012 0:01:33	12.95	42.35	27.19	8.43	7.88	24.6	2.922	94.7
1485	12/2/2012 0:16:33	12.98	42.56	27.34	8.49	7.89	37.2	3.017	95.4
1486	12/2/2012 0:31:33	13.00	42.78	27.50	8.51	7.90	36.5	3.108	95.9
1487	12/2/2012 0:46:33	13.05	43.03	27.68	8.54	7.91	32.4	3.182	96.4
1488	12/2/2012 1:01:33	13.15	43.61	28.10	8.64	7.95	38.2	3.273	98.0
1489	12/2/2012 1:16:34	13.19	43.86	28.28	8.67	7.96	40.1	3.391	98.5
1490	12/2/2012 1:31:34	13.24	44.12	28.47	8.68	7.97	47.0	3.476	98.8
1491	12/2/2012 1:46:34	13.26	44.30	28.59	8.67	7.98	40.1	3.513	98.9
1492	12/2/2012 2:01:34	13.27	44.31	28.60	8.61	7.99	31.9	3.585	98.2
1493	12/2/2012 2:16:34	13.28	44.36	28.64	8.64	7.99	26.7	3.634	98.5
1494	12/2/2012 2:31:34	13.25	44.15	28.48	8.54	7.98	25.1	3.614	97.2
1495	12/2/2012 2:46:33	13.25	44.17	28.50	8.53	7.98	22.4	3.614	97.2
1496	12/2/2012 3:01:33	13.28	44.40	28.67	8.60	7.99	24.4	3.638	98.1
1497	12/2/2012 3:16:33	13.26	44.28	28.58	8.58	7.98	22.8	3.583	97.9
1498	12/2/2012 3:31:34	13.21	43.99	28.37	8.55	7.97	23.1	3.534	97.3
1499	12/2/2012 3:46:34	13.18	43.85	28.27	8.56	7.96	20.9	3.506	97.2
1500	12/2/2012 4:01:33	13.15	43.55	28.05	8.53	7.95	21.3	3.468	96.7
1501	12/2/2012 4:16:34	13.11	43.29	27.87	8.52	7.94	20.8	3.425	96.5
1502	12/2/2012 4:31:34	13.02	42.43	27.25	8.51	7.92	14.7	3.344	95.7
1503	12/2/2012 4:46:33	13.05	42.67	27.42	8.44	7.91	16.2	3.286	95.1
1504	12/2/2012 5:01:33	13.02	42.54	27.33	8.35	7.89	18.0	3.273	94.0
1505	12/2/2012 5:16:33	13.02	42.31	27.17	8.37	7.89	15.3	3.196	94.1
1506	12/2/2012 5:31:33	12.96	41.97	26.92	8.41	7.88	15.5	3.142	94.3
1507	12/2/2012 5:46:33	12.96	41.99	26.94	8.39	7.88	14.4	3.116	94.1
1508	12/2/2012 6:01:33	12.95	41.62	26.68	8.40	7.88	14.5	3.061	94.0
1509	12/2/2012 6:16:33	12.91	41.55	26.63	8.40	7.87	13.5	3.020	93.9
1510	12/2/2012 6:31:33	12.91	41.56	26.63	8.38	7.87	18.1	2.977	93.8
1511	12/2/2012 6:46:34	12.91	41.55	26.63	8.39	7.87	14.4	2.914	93.8
1512	12/2/2012 7:01:34	12.90	41.42	26.53	8.39	7.87	13.8	2.920	93.7
1513	12/2/2012 7:16:33	12.90	41.21	26.38	8.35	7.87	15.5	2.883	93.2
1514	12/2/2012 7:31:34	12.89	40.99	26.23	8.35	7.87	16.3	2.853	93.1
1515	12/2/2012 7:46:33	12.88	40.73	26.04	8.32	7.86	15.6	2.851	92.7
1516	12/2/2012 8:01:33	12.89	40.89	26.16	8.34	7.87	16.2	2.868	92.9
1517	12/2/2012 8:16:34	12.89	40.88	26.15	8.36	7.87	15.6	2.861	93.2
1518	12/2/2012 8:31:34	12.88	40.88	26.15	8.37	7.87	14.4	2.886	93.3
1519	12/2/2012 8:46:33	12.89	40.99	26.23	8.35	7.86	13.9	2.901	93.1
1520	12/2/2012 9:01:33	12.91	41.48	26.58	8.38	7.87	13.4	2.952	93.7
1521	12/2/2012 9:16:33	12.92	41.50	26.59	8.36	7.87	15.0	2.985	93.5
1522	12/2/2012 9:31:34	12.93	41.55	26.63	8.36	7.87	16.6	3.057	93.5
1523	12/2/2012 9:46:33	12.94	41.74	26.76	8.36	7.87	16.7	3.131	93.6
1524	12/2/2012 10:01:33	12.96	41.75	26.77	8.39	7.88	15.1	3.174	94.0
1525	12/2/2012 10:16:33	12.97	41.91	26.88	8.39	7.88	14.0	3.254	94.1
1526	12/2/2012 10:31:34	12.97	41.44	26.55	8.44	7.89	12.6	3.332	94.4
1527	12/2/2012 10:46:33	13.02	41.93	26.89	8.44	7.91	14.7	3.391	94.8
1528	12/2/2012 11:01:33	13.03	42.14	27.05	8.47	7.91	14.3	3.461	95.2
1529	12/2/2012 11:16:34	13.06	42.50	27.31	8.49	7.92	14.1	3.540	95.7
1530	12/2/2012 11:31:33	13.09	42.85	27.55	8.51	7.94	13.4	3.596	96.1
1531	12/2/2012 11:46:33	13.11	42.95	27.63	8.53	7.94	12.9	3.626	96.4
1532	12/2/2012 12:01:34	13.16	43.55	28.05	8.52	7.96	13.4	3.688	96.6
1533	12/2/2012 12:16:33	13.18	43.67	28.14	8.51	7.97	13.5	3.733	96.6
1534	12/2/2012 12:31:34	13.20	43.86	28.28	8.52	7.97	12.6	3.770	96.8
1535	12/2/2012 12:46:34	13.19	43.82	28.25	8.37	7.97	11.3	3.775	95.2
1536	12/2/2012 13:01:34	13.17	43.70	28.16	8.41	7.96	11.7	3.801	95.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1537	12/2/2012 13:16:34	13.19	43.82	28.25	8.37	7.97	12.1	3.787	95.1
1538	12/2/2012 13:31:33	13.20	43.94	28.33	8.41	7.97	11.9	3.791	95.6
1539	12/2/2012 13:46:33	13.16	43.57	28.07	8.43	7.96	12.0	3.755	95.6
1540	12/2/2012 14:01:34	13.12	43.04	27.69	8.38	7.94	15.0	3.704	94.8
1541	12/2/2012 14:16:33	13.11	42.89	27.58	8.34	7.93	16.7	3.661	94.2
1542	12/2/2012 14:31:33	13.08	42.72	27.46	8.37	7.92	20.4	3.610	94.4
1543	12/2/2012 14:46:34	13.07	42.32	27.17	8.34	7.91	21.5	3.533	93.9
1544	12/2/2012 15:01:33	13.06	42.28	27.15	8.34	7.90	20.3	3.448	93.8
1545	12/2/2012 15:16:33	13.05	42.09	27.02	8.32	7.90	20.3	3.363	93.5
1546	12/2/2012 15:31:33	13.06	41.88	26.87	8.32	7.89	20.2	3.302	93.5
1547	12/2/2012 15:46:33	13.09	41.56	26.64	8.33	7.89	18.8	3.188	93.5
1548	12/2/2012 16:01:34	13.11	40.95	26.21	8.36	7.88	18.8	3.108	93.7
1549	12/2/2012 16:16:33	13.12	40.28	25.73	8.36	7.87	18.4	3.008	93.4
1550	12/2/2012 16:31:33	13.15	36.35	22.98	8.43	7.81	27.5	2.931	92.6
1551	12/2/2012 16:46:34	13.16	37.43	23.74	8.43	7.83	21.1	2.823	93.0
1552	12/2/2012 17:01:33	13.16	37.93	24.08	8.39	7.83	21.8	2.717	92.8
1553	12/2/2012 17:16:33	13.15	38.13	24.22	8.35	7.82	22.3	2.628	92.5
1554	12/2/2012 17:31:34	13.10	38.59	24.54	8.35	7.82	20.0	2.512	92.6
1555	12/2/2012 17:46:33	13.09	38.03	24.15	8.33	7.81	17.5	2.418	92.0
1556	12/2/2012 18:01:33	13.07	38.46	24.45	8.32	7.81	17.7	2.280	92.1
1557	12/2/2012 18:16:33	13.03	38.48	24.47	8.29	7.81	17.2	2.185	91.7
1558	12/2/2012 18:31:33	12.99	38.56	24.52	8.26	7.81	16.0	2.097	91.3
1559	12/2/2012 18:46:33	12.94	38.54	24.51	8.23	7.80	15.8	1.983	90.9
1560	12/2/2012 19:01:34	12.92	38.60	24.54	8.20	7.80	17.8	1.907	90.5
1561	12/2/2012 19:16:33	12.87	38.54	24.50	8.17	7.79	17.3	1.814	90.1
1562	12/2/2012 19:31:33	12.81	38.47	24.45	8.15	7.78	16.3	1.781	89.8
1563	12/2/2012 19:46:33	12.81	38.41	24.41	8.15	7.78	14.8	1.730	89.7
1564	12/2/2012 20:01:33	12.81	38.43	24.42	8.09	7.78	13.5	1.695	89.1
1565	12/2/2012 20:16:33	12.87	38.58	24.53	8.19	7.79	15.1	1.710	90.3
1566	12/2/2012 20:31:34	12.90	38.69	24.61	8.21	7.79	14.2	1.718	90.6
1567	12/2/2012 20:46:34	12.92	38.71	24.63	8.22	7.79	13.1	1.764	90.8
1568	12/2/2012 21:01:34	12.93	38.41	24.41	8.22	7.79	16.2	1.809	90.7
1569	12/2/2012 21:16:34	12.94	38.62	24.56	8.24	7.79	17.1	1.874	91.0
1570	12/2/2012 21:31:33	12.96	38.61	24.56	8.23	7.79	18.3	1.943	90.9
1571	12/2/2012 21:46:33	12.94	38.29	24.33	8.24	7.78	19.1	2.014	90.9
1572	12/2/2012 22:01:33	12.95	38.14	24.23	8.26	7.78	19.1	2.116	91.1
1573	12/2/2012 22:16:34	12.95	38.00	24.13	8.25	7.78	17.7	2.174	91.0
1574	12/2/2012 22:31:34	12.95	38.13	24.21	8.26	7.78	15.9	2.258	91.1
1575	12/2/2012 22:46:34	12.96	38.02	24.14	8.29	7.79	18.3	2.326	91.4
1576	12/2/2012 23:01:34	12.98	37.94	24.09	8.33	7.79	18.8	2.398	91.8
1577	12/2/2012 23:16:34	12.98	37.79	23.98	8.37	7.79	22.2	2.501	92.2
1578	12/2/2012 23:31:33	12.99	37.63	23.87	8.42	7.79	24.3	2.575	92.7
1579	12/2/2012 23:46:33	12.99	37.79	23.98	8.43	7.80	24.1	2.661	92.9
1580	12/3/2012 0:01:33	13.00	38.00	24.13	8.43	7.80	24.0	2.745	93.0
1581	12/3/2012 0:16:34	12.99	37.85	24.02	8.43	7.80	24.2	2.816	92.9
1582	12/3/2012 0:31:33	13.00	38.12	24.21	8.43	7.81	23.6	2.897	93.0
1583	12/3/2012 0:46:33	13.04	39.03	24.85	8.41	7.82	24.7	2.958	93.3
1584	12/3/2012 1:01:33	13.07	39.76	25.36	8.41	7.83	38.1	3.047	93.6
1585	12/3/2012 1:16:33	13.08	39.65	25.29	8.42	7.84	33.0	3.119	93.7
1586	12/3/2012 1:31:33	13.08	39.69	25.32	8.42	7.84	35.7	3.201	93.7
1587	12/3/2012 1:46:33	13.10	40.07	25.58	8.43	7.85	41.0	3.271	94.0
1588	12/3/2012 2:01:33	13.12	40.45	25.85	8.45	7.86	61.5	3.341	94.5
1589	12/3/2012 2:16:33	13.16	40.99	26.24	8.55	7.89	63.3	3.395	95.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1590	12/3/2012 2:31:34	13.18	41.34	26.48	8.58	7.91	34.0	3.451	96.4
1591	12/3/2012 2:46:33	13.18	41.49	26.59	8.57	7.92	16.1	3.484	96.4
1592	12/3/2012 3:01:34	13.19	41.63	26.69	8.49	7.93	13.5	3.519	95.6
1593	12/3/2012 3:16:33	13.17	41.27	26.44	8.48	7.91	14.2	3.533	95.2
1594	12/3/2012 3:31:33	13.18	41.54	26.63	8.47	7.92	15.0	3.530	95.3
1595	12/3/2012 3:46:34	13.18	41.40	26.52	8.44	7.92	14.2	3.515	94.9
1596	12/3/2012 4:01:34	13.17	41.31	26.46	8.47	7.91	26.1	3.474	95.1
1597	12/3/2012 4:16:34	13.15	40.87	26.15	8.39	7.89	22.3	3.449	94.1
1598	12/3/2012 4:31:33	13.11	40.37	25.80	8.36	7.86	24.6	3.408	93.4
1599	12/3/2012 4:46:33	13.10	40.12	25.62	8.36	7.85	50.5	3.323	93.3
1600	12/3/2012 5:01:33	13.06	39.64	25.28	8.33	7.84	34.4	3.286	92.6
1601	12/3/2012 5:16:34	13.04	39.49	25.17	8.29	7.83	25.2	3.219	92.1
1602	12/3/2012 5:31:33	12.98	38.96	24.80	8.26	7.81	23.7	3.157	91.4
1603	12/3/2012 5:46:33	12.92	38.42	24.42	8.24	7.80	21.9	3.099	90.9
1604	12/3/2012 6:01:33	12.87	38.00	24.13	8.26	7.80	18.3	3.053	90.9
1605	12/3/2012 6:16:33	12.94	38.43	24.43	8.27	7.81	19.2	2.998	91.2
1606	12/3/2012 6:31:34	12.92	38.23	24.29	8.27	7.81	17.8	2.943	91.1
1607	12/3/2012 6:46:33	12.94	38.25	24.30	8.24	7.80	15.9	2.919	90.9
1608	12/3/2012 7:01:34	12.89	38.05	24.16	8.27	7.80	15.4	2.870	91.0
1609	12/3/2012 7:16:34	12.88	38.00	24.13	8.24	7.80	14.7	2.831	90.7
1610	12/3/2012 7:31:34	12.80	37.57	23.82	8.25	7.80	13.6	2.797	90.5
1611	12/3/2012 7:46:34	12.70	37.11	23.50	8.27	7.79	13.8	2.787	90.3
1612	12/3/2012 8:01:33	12.67	36.92	23.37	8.24	7.78	13.3	2.766	89.9
1613	12/3/2012 8:16:33	12.71	37.11	23.50	8.23	7.78	13.0	2.742	89.9
1614	12/3/2012 8:31:34	12.68	36.92	23.37	8.17	7.77	12.3	2.751	89.1
1615	12/3/2012 8:46:34	12.73	37.11	23.50	8.26	7.78	14.5	2.756	90.2
1616	12/3/2012 9:01:33	12.71	37.07	23.47	8.34	7.78	12.7	2.774	91.1
1617	12/3/2012 9:16:33	12.63	36.57	23.13	8.33	7.77	13.2	2.792	90.7
1618	12/3/2012 9:31:34	12.77	37.21	23.57	8.26	7.78	15.1	2.817	90.4
1619	12/3/2012 9:46:34	12.88	38.01	24.13	8.29	7.80	19.8	2.867	91.3
1620	12/3/2012 10:01:34	12.90	38.16	24.24	8.27	7.80	25.0	2.908	91.1
1621	12/3/2012 10:16:34	12.89	38.31	24.34	8.29	7.81	27.2	2.952	91.4
1622	12/3/2012 10:31:34	12.93	38.71	24.62	8.31	7.82	21.2	3.015	91.8
1623	12/3/2012 10:46:34	12.95	38.92	24.77	8.33	7.83	18.3	3.084	92.1
1624	12/3/2012 11:01:34	13.03	40.15	25.64	8.39	7.87	25.2	3.136	93.4
1625	12/3/2012 11:16:33	13.11	41.27	26.44	8.43	7.91	23.1	3.203	94.5
1626	12/3/2012 11:31:33	13.09	41.27	26.44	8.42	7.92	20.3	3.282	94.4
1627	12/3/2012 11:46:33	13.01	40.56	25.93	8.43	7.90	21.6	3.336	94.1
1628	12/3/2012 12:01:33	13.06	40.98	26.22	8.45	7.92	22.5	3.396	94.6
1629	12/3/2012 12:16:34	13.12	41.59	26.66	8.45	7.93	21.7	3.455	95.0
1630	12/3/2012 12:31:34	13.17	42.20	27.09	8.45	7.95	18.6	3.518	95.3
1631	12/3/2012 12:46:34	13.17	42.27	27.15	8.45	7.95	15.6	3.560	95.3
1632	12/3/2012 13:01:33	13.12	41.95	26.92	8.46	7.95	16.8	3.596	95.2
1633	12/3/2012 13:16:34	13.15	42.11	27.03	8.34	7.96	12.8	3.631	93.9
1634	12/3/2012 13:31:34	13.17	42.25	27.13	8.25	7.94	11.9	3.669	93.0
1635	12/3/2012 13:46:33	13.08	41.06	26.29	8.31	7.91	11.7	3.668	93.0
1636	12/3/2012 14:01:33	13.16	42.21	27.10	8.31	7.95	14.5	3.653	93.7
1637	12/3/2012 14:16:33	13.13	41.65	26.70	8.30	7.94	12.5	3.655	93.3
1638	12/3/2012 14:31:34	13.08	41.09	26.31	8.28	7.93	11.3	3.620	92.7
1639	12/3/2012 14:46:34	13.10	41.46	26.57	8.33	7.94	17.2	3.557	93.5
1640	12/3/2012 15:01:33	13.00	38.58	24.53	8.38	7.89	15.6	3.529	92.7
1641	12/3/2012 15:16:34	12.96	39.09	24.89	8.37	7.89	16.6	3.450	92.7
1642	12/3/2012 15:31:34	12.99	39.43	25.13	8.28	7.87	28.5	3.382	91.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1643	12/3/2012 15:46:33	12.99	38.12	24.21	8.35	7.87	24.2	3.316	92.1
1644	12/3/2012 16:01:34	12.98	38.58	24.54	8.33	7.86	23.8	3.226	92.1
1645	12/3/2012 16:16:34	12.94	37.68	23.90	8.35	7.84	20.3	3.152	91.9
1646	12/3/2012 16:31:34	12.89	36.91	23.36	8.38	7.81	14.9	3.090	91.7
1647	12/3/2012 16:46:34	12.89	36.87	23.34	8.37	7.81	14.5	2.986	91.6
1648	12/3/2012 17:01:34	12.89	36.90	23.35	8.36	7.81	14.4	2.899	91.6
1649	12/3/2012 17:16:34	12.88	36.83	23.31	8.37	7.80	15.1	2.805	91.6
1650	12/3/2012 17:31:34	12.81	36.25	22.90	8.38	7.78	19.0	2.713	91.4
1651	12/3/2012 17:46:33	12.82	36.76	23.26	8.32	7.78	18.4	2.615	91.0
1652	12/3/2012 18:01:33	12.79	36.75	23.25	8.29	7.77	24.1	2.512	90.6
1653	12/3/2012 18:16:34	12.74	36.58	23.13	8.31	7.77	17.7	2.401	90.6
1654	12/3/2012 18:31:34	12.72	36.38	22.99	8.29	7.76	17.4	2.352	90.3
1655	12/3/2012 18:46:33	12.67	36.21	22.87	8.32	7.76	16.1	2.243	90.4
1656	12/3/2012 19:01:33	12.65	36.11	22.80	8.32	7.75	16.1	2.131	90.3
1657	12/3/2012 19:16:33	12.63	35.96	22.70	8.30	7.74	16.3	2.052	90.0
1658	12/3/2012 19:31:33	12.63	35.82	22.60	8.29	7.74	13.9	1.993	89.8
1659	12/3/2012 19:46:34	12.55	35.82	22.60	8.27	7.74	15.8	1.901	89.5
1660	12/3/2012 20:01:34	12.55	35.80	22.58	8.26	7.74	15.0	1.863	89.4
1661	12/3/2012 20:16:33	12.54	35.72	22.53	8.23	7.73	13.0	1.831	89.0
1662	12/3/2012 20:31:34	12.65	35.97	22.71	8.15	7.74	11.2	1.816	88.5
1663	12/3/2012 20:46:34	12.57	35.89	22.65	8.31	7.74	15.6	1.808	90.0
1664	12/3/2012 21:01:34	12.54	35.82	22.60	8.34	7.74	12.3	1.804	90.2
1665	12/3/2012 21:16:34	12.54	35.86	22.62	8.35	7.74	12.5	1.851	90.3
1666	12/3/2012 21:31:33	12.49	34.69	21.81	8.38	7.73	16.7	1.893	90.1
1667	12/3/2012 21:46:33	12.63	35.96	22.70	8.31	7.74	15.9	1.936	90.2
1668	12/3/2012 22:01:34	12.66	36.15	22.83	8.30	7.75	14.8	1.978	90.1
1669	12/3/2012 22:16:34	12.65	35.88	22.64	8.31	7.74	14.3	2.069	90.2
1670	12/3/2012 22:31:34	12.67	35.93	22.68	8.32	7.74	22.4	2.104	90.3
1671	12/3/2012 22:46:34	12.72	36.32	22.95	8.29	7.75	13.6	2.183	90.2
1672	12/3/2012 23:01:34	12.74	36.48	23.06	8.27	7.75	13.8	2.251	90.1
1673	12/3/2012 23:16:34	12.71	35.86	22.63	8.28	7.74	14.1	2.312	89.9
1674	12/3/2012 23:31:34	12.72	36.10	22.80	8.28	7.75	13.3	2.396	90.0
1675	12/3/2012 23:46:33	12.70	36.02	22.74	8.32	7.75	15.3	2.479	90.4
1676	12/4/2012 0:01:34	12.67	36.00	22.73	8.38	7.76	16.2	2.555	91.0
1677	12/4/2012 0:16:34	12.69	36.23	22.89	8.39	7.77	16.4	2.639	91.2
1678	12/4/2012 0:31:34	12.63	35.88	22.64	8.44	7.77	16.8	2.707	91.5
1679	12/4/2012 0:46:34	12.65	36.38	22.99	8.49	7.79	21.2	2.781	92.2
1680	12/4/2012 1:01:34	12.65	36.49	23.07	8.53	7.80	23.2	2.866	92.7
1681	12/4/2012 1:16:34	12.72	37.46	23.74	8.52	7.83	17.5	2.932	93.2
1682	12/4/2012 1:31:34	12.74	37.83	24.00	8.53	7.84	21.6	3.010	93.5
1683	12/4/2012 1:46:34	12.77	38.41	24.41	8.53	7.86	23.0	3.101	93.8
1684	12/4/2012 2:01:34	12.86	39.41	25.11	8.53	7.89	29.5	3.174	94.4
1685	12/4/2012 2:16:34	12.84	39.57	25.23	8.57	7.90	40.6	3.245	94.8
1686	12/4/2012 2:31:34	12.83	39.97	25.50	8.64	7.92	35.9	3.337	95.8
1687	12/4/2012 2:46:34	12.81	40.37	25.79	8.73	7.94	35.0	3.393	96.9
1688	12/4/2012 3:01:34	12.83	40.78	26.08	8.78	7.96	37.6	3.453	97.6
1689	12/4/2012 3:16:34	12.82	40.87	26.14	8.79	7.97	35.1	3.505	97.9
1690	12/4/2012 3:31:34	12.81	40.90	26.16	8.79	7.97	33.1	3.542	97.8
1691	12/4/2012 3:46:33	12.81	41.04	26.26	8.80	7.97	28.7	3.580	98.0
1692	12/4/2012 4:01:33	12.80	41.07	26.28	8.74	7.97	22.0	3.587	97.3
1693	12/4/2012 4:16:33	12.82	41.11	26.31	8.69	7.98	22.5	3.594	96.9
1694	12/4/2012 4:31:33	12.78	40.86	26.13	8.67	7.97	20.1	3.581	96.4
1695	12/4/2012 4:46:34	12.80	40.95	26.20	8.71	7.97	23.2	3.552	96.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1696	12/4/2012 5:01:34	12.78	40.88	26.15	8.71	7.97	25.0	3.503	96.8
1697	12/4/2012 5:16:34	12.71	40.23	25.69	8.67	7.93	25.5	3.455	96.0
1698	12/4/2012 5:31:34	12.66	39.86	25.42	8.71	7.92	27.0	3.405	96.1
1699	12/4/2012 5:46:34	12.62	39.56	25.21	8.71	7.91	29.6	3.336	95.9
1700	12/4/2012 6:01:34	12.68	39.63	25.27	8.62	7.91	35.2	3.288	95.2
1701	12/4/2012 6:16:34	12.77	39.88	25.45	8.54	7.91	26.0	3.223	94.5
1702	12/4/2012 6:31:34	12.76	40.23	25.69	8.56	7.92	32.7	3.170	94.9
1703	12/4/2012 6:46:34	12.77	39.97	25.50	8.50	7.91	24.5	3.107	94.1
1704	12/4/2012 7:01:34	12.69	39.29	25.02	8.55	7.89	28.8	3.052	94.2
1705	12/4/2012 7:16:34	12.70	39.34	25.06	8.51	7.89	26.9	3.012	93.8
1706	12/4/2012 7:31:34	12.57	38.28	24.31	8.61	7.86	28.4	2.964	94.2
1707	12/4/2012 7:46:34	12.52	37.88	24.03	8.68	7.84	31.6	2.932	94.7
1708	12/4/2012 8:01:34	12.47	37.43	23.72	8.71	7.83	30.3	2.891	94.8
1709	12/4/2012 8:16:33	12.49	37.51	23.78	8.68	7.83	28.6	2.863	94.5
1710	12/4/2012 8:31:34	12.63	38.74	24.64	8.48	7.86	20.6	2.837	93.1
1711	12/4/2012 8:46:34	12.61	38.75	24.64	8.44	7.86	17.2	2.826	92.7
1712	12/4/2012 9:01:34	12.54	38.22	24.27	8.55	7.84	19.6	2.813	93.5
1713	12/4/2012 9:16:34	12.52	37.94	24.08	8.59	7.84	18.4	2.811	93.8
1714	12/4/2012 9:31:34	12.52	37.97	24.09	8.66	7.84	21.7	2.828	94.6
1715	12/4/2012 9:46:34	12.52	37.86	24.02	8.67	7.84	21.6	2.833	94.5
1716	12/4/2012 10:01:34	12.56	38.51	24.47	8.64	7.85	21.4	2.867	94.6
1717	12/4/2012 10:16:33	12.60	38.83	24.70	8.62	7.86	20.4	2.896	94.6
1718	12/4/2012 10:31:33	12.63	39.05	24.86	8.58	7.87	27.4	2.909	94.3
1719	12/4/2012 10:46:33	12.68	39.52	25.19	8.56	7.89	24.1	2.954	94.4
1720	12/4/2012 11:01:34	12.69	39.60	25.24	8.60	7.90	27.4	2.990	94.9
1721	12/4/2012 11:16:33	12.67	39.49	25.16	8.62	7.90	21.5	3.020	95.1
1722	12/4/2012 11:31:33	12.69	39.69	25.30	8.63	7.91	18.9	3.075	95.2
1723	12/4/2012 11:46:33	12.63	39.09	24.88	8.68	7.89	25.3	3.124	95.4
1724	12/4/2012 12:01:33	12.63	38.99	24.81	8.68	7.89	19.7	3.171	95.4
1725	12/4/2012 12:16:33	12.66	39.52	25.19	8.64	7.90	21.1	3.226	95.3
1726	12/4/2012 12:31:33	12.77	40.65	25.98	8.64	7.95	20.8	3.285	95.9
1727	12/4/2012 12:46:34	12.76	40.59	25.94	8.64	7.95	18.8	3.336	96.0
1728	12/4/2012 13:01:34	12.79	40.74	26.05	8.63	7.95	18.0	3.377	95.9
1729	12/4/2012 13:16:33	12.76	40.43	25.83	8.63	7.94	15.9	3.429	95.8
1730	12/4/2012 13:31:34	12.77	40.53	25.90	8.63	7.95	15.9	3.474	95.8
1731	12/4/2012 13:46:33	12.76	40.28	25.73	8.64	7.94	14.4	3.508	95.8
1732	12/4/2012 14:01:34	12.77	40.46	25.85	8.62	7.95	14.2	3.529	95.7
1733	12/4/2012 14:16:33	12.79	40.68	26.01	8.60	7.95	14.4	3.567	95.5
1734	12/4/2012 14:31:33	12.78	40.70	26.02	8.47	7.95	16.0	3.583	94.1
Mean		12.44	46.02	29.81	8.69	7.94	10.36	2.83	98.20
Minimum		11.18	34.69	21.81	8.09	7.73	2.80	0.91	88.50
Maximum		13.28	49.77	32.48	10.16	8.05	63.30	4.13	114.50

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	12/4/2012 15:00:50	12.87	40.98	26.22	8.81	7.93	15.0	3.530	98.2
1	12/4/2012 15:15:50	12.86	41.03	26.26	8.64	7.94	14.8	3.537	96.3
2	12/4/2012 15:30:50	12.82	40.52	25.89	8.52	7.93	13.9	3.494	94.7
3	12/4/2012 15:45:50	12.85	40.70	26.02	8.52	7.93	14.2	3.447	94.8
4	12/4/2012 16:00:49	12.79	39.49	25.16	8.60	7.92	15.6	3.402	95.0
5	12/4/2012 16:15:49	12.74	38.45	24.44	8.71	7.89	18.1	3.342	95.7
6	12/4/2012 16:30:50	12.73	38.40	24.40	8.66	7.88	18.9	3.271	95.2
7	12/4/2012 16:45:49	12.72	38.24	24.29	8.65	7.88	19.4	3.186	95.0
8	12/4/2012 17:00:50	12.70	38.47	24.45	8.57	7.87	27.5	3.121	94.1
9	12/4/2012 17:15:50	12.68	38.36	24.37	8.55	7.87	27.8	3.037	93.8
10	12/4/2012 17:30:50	12.65	37.89	24.05	8.63	7.87	23.0	2.964	94.4
11	12/4/2012 17:45:50	12.64	37.74	23.94	8.64	7.86	22.0	2.865	94.5
12	12/4/2012 18:00:50	12.57	37.26	23.60	8.71	7.86	22.9	2.788	94.9
13	12/4/2012 18:15:50	12.53	36.69	23.21	8.72	7.84	22.4	2.703	94.7
14	12/4/2012 18:30:50	12.53	36.42	23.02	8.66	7.83	18.1	2.622	93.9
15	12/4/2012 18:45:50	12.52	36.63	23.16	8.72	7.83	22.2	2.520	94.6
16	12/4/2012 19:00:50	12.53	36.45	23.04	8.72	7.83	18.9	2.439	94.6
17	12/4/2012 19:15:50	12.51	36.54	23.10	8.70	7.83	19.5	2.368	94.4
18	12/4/2012 19:30:50	12.51	36.53	23.09	8.67	7.82	19.1	2.268	94.1
19	12/4/2012 19:45:50	12.52	36.71	23.21	8.64	7.82	18.6	2.188	93.8
20	12/4/2012 20:00:50	12.51	36.47	23.05	8.62	7.82	18.1	2.114	93.5
21	12/4/2012 20:15:50	12.52	36.50	23.07	8.58	7.81	18.8	2.043	93.1
22	12/4/2012 20:30:50	12.49	36.58	23.12	8.60	7.81	19.4	1.994	93.2
23	12/4/2012 20:45:50	12.49	36.46	23.04	8.58	7.81	19.1	1.923	93.0
24	12/4/2012 21:00:50	12.48	36.34	22.96	8.63	7.80	18.6	1.908	93.4
25	12/4/2012 21:15:50	12.47	36.53	23.09	8.61	7.80	18.6	1.890	93.3
26	12/4/2012 21:30:50	12.50	36.56	23.11	8.54	7.80	18.8	1.867	92.6
27	12/4/2012 21:45:50	12.55	36.52	23.09	8.54	7.80	16.6	1.892	92.7
28	12/4/2012 22:00:50	12.49	36.45	23.04	8.65	7.81	15.1	1.908	93.7
29	12/4/2012 22:15:50	12.53	36.64	23.16	8.60	7.81	15.9	1.951	93.3
30	12/4/2012 22:30:50	12.53	36.81	23.29	8.56	7.81	16.8	1.974	92.9
31	12/4/2012 22:45:50	12.53	36.87	23.33	8.57	7.81	15.9	2.038	93.2
32	12/4/2012 23:00:50	12.52	36.47	23.05	8.63	7.81	17.5	2.099	93.6
33	12/4/2012 23:15:50	12.52	36.12	22.80	8.64	7.81	17.3	2.152	93.5
34	12/4/2012 23:30:50	12.52	36.28	22.92	8.62	7.81	16.4	2.230	93.5
35	12/4/2012 23:45:50	12.53	36.22	22.88	8.62	7.81	16.2	2.293	93.4
36	12/5/2012 0:00:50	12.53	36.29	22.92	8.63	7.82	16.6	2.372	93.5
37	12/5/2012 0:15:50	12.54	35.82	22.60	8.66	7.82	16.0	2.440	93.7
38	12/5/2012 0:30:50	12.57	36.10	22.79	8.67	7.83	15.2	2.520	94.0
39	12/5/2012 0:45:50	12.57	36.03	22.74	8.74	7.82	19.7	2.600	94.7
40	12/5/2012 1:00:50	12.57	36.55	23.11	8.71	7.83	24.1	2.674	94.6
41	12/5/2012 1:15:50	12.60	36.30	22.94	8.73	7.84	18.8	2.759	94.7
42	12/5/2012 1:30:50	12.62	36.67	23.19	8.68	7.84	17.9	2.832	94.4
43	12/5/2012 1:45:50	12.64	36.97	23.40	8.68	7.85	16.8	2.908	94.5
44	12/5/2012 2:00:50	12.65	36.76	23.26	8.68	7.85	17.0	2.991	94.5
45	12/5/2012 2:15:50	12.67	37.26	23.60	8.69	7.87	17.7	3.078	94.8
46	12/5/2012 2:30:50	12.70	38.04	24.15	8.67	7.88	16.1	3.144	95.0
47	12/5/2012 2:45:50	12.74	38.78	24.67	8.62	7.90	19.0	3.231	94.9
48	12/5/2012 3:00:50	12.80	39.80	25.39	8.59	7.93	33.8	3.306	95.1
49	12/5/2012 3:15:50	12.82	40.10	25.60	8.61	7.94	34.2	3.364	95.5
50	12/5/2012 3:30:50	12.83	40.39	25.80	8.61	7.95	37.9	3.436	95.6
51	12/5/2012 3:45:50	12.89	40.89	26.16	8.66	7.97	34.4	3.485	96.6
52	12/5/2012 4:00:50	12.90	41.28	26.43	8.65	7.97	20.5	3.532	96.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	12/5/2012 4:15:50	12.90	41.29	26.44	8.63	7.97	18.3	3.548	96.3
54	12/5/2012 4:30:50	12.89	41.03	26.25	8.60	7.97	19.2	3.575	95.9
55	12/5/2012 4:45:50	12.88	40.96	26.21	8.58	7.96	18.8	3.581	95.6
56	12/5/2012 5:00:50	12.87	40.74	26.05	8.59	7.96	16.1	3.569	95.7
57	12/5/2012 5:15:50	12.85	40.48	25.87	8.60	7.95	16.5	3.550	95.6
58	12/5/2012 5:30:50	12.78	39.44	25.13	8.57	7.92	17.0	3.516	94.7
59	12/5/2012 5:45:50	12.76	39.22	24.98	8.51	7.91	20.7	3.466	93.9
60	12/5/2012 6:00:49	12.76	39.19	24.96	8.60	7.91	20.6	3.416	94.8
61	12/5/2012 6:15:50	12.78	39.66	25.29	8.55	7.92	24.5	3.347	94.6
62	12/5/2012 6:30:50	12.77	39.54	25.20	8.57	7.92	30.6	3.283	94.7
63	12/5/2012 6:45:50	12.75	39.04	24.85	8.56	7.90	29.6	3.223	94.3
64	12/5/2012 7:00:50	12.70	38.46	24.44	8.52	7.88	20.5	3.168	93.6
65	12/5/2012 7:15:50	12.65	37.74	23.94	8.64	7.86	18.7	3.100	94.4
66	12/5/2012 7:30:50	12.67	38.23	24.28	8.60	7.87	20.5	3.037	94.2
67	12/5/2012 7:45:50	12.64	37.88	24.04	8.64	7.86	16.8	2.993	94.6
68	12/5/2012 8:00:50	12.63	37.65	23.87	8.63	7.86	17.3	2.933	94.3
69	12/5/2012 8:15:50	12.62	37.70	23.91	8.61	7.86	15.8	2.885	94.1
70	12/5/2012 8:30:50	12.62	37.65	23.87	8.60	7.85	17.0	2.830	94.0
71	12/5/2012 8:45:50	12.63	37.75	23.95	8.57	7.85	15.8	2.795	93.7
72	12/5/2012 9:00:50	12.62	37.11	23.50	8.58	7.84	15.1	2.758	93.5
73	12/5/2012 9:15:50	12.62	37.24	23.59	8.57	7.83	14.1	2.727	93.5
74	12/5/2012 9:30:50	12.63	37.22	23.58	8.56	7.83	13.9	2.692	93.3
75	12/5/2012 9:45:50	12.64	37.07	23.47	8.55	7.82	13.3	2.668	93.2
76	12/5/2012 10:00:49	12.63	36.50	23.07	8.56	7.82	13.3	2.661	93.1
77	12/5/2012 10:15:50	12.64	37.01	23.43	8.54	7.82	13.2	2.635	93.1
78	12/5/2012 10:30:50	12.64	36.66	23.19	8.54	7.82	12.5	2.644	93.0
79	12/5/2012 10:45:50	12.64	36.81	23.29	8.49	7.82	12.2	2.648	92.5
80	12/5/2012 11:00:50	12.74	36.99	23.41	8.51	7.82	13.7	2.646	92.9
81	12/5/2012 11:15:50	12.74	36.88	23.34	8.53	7.81	12.5	2.680	93.1
82	12/5/2012 11:30:50	12.65	37.22	23.57	8.50	7.83	14.3	2.697	92.8
83	12/5/2012 11:45:50	12.64	37.47	23.75	8.50	7.83	15.2	2.734	92.8
84	12/5/2012 12:00:50	12.64	37.27	23.61	8.49	7.83	18.0	2.778	92.6
85	12/5/2012 12:15:50	12.66	37.37	23.68	8.48	7.83	18.2	2.810	92.6
86	12/5/2012 12:30:50	12.66	37.69	23.90	8.51	7.84	19.5	2.864	93.1
87	12/5/2012 12:45:50	12.67	37.99	24.12	8.53	7.86	16.4	2.911	93.4
88	12/5/2012 13:00:50	12.70	38.20	24.26	8.51	7.86	15.7	2.959	93.3
89	12/5/2012 13:15:50	12.70	38.35	24.37	8.53	7.87	15.9	3.009	93.6
90	12/5/2012 13:30:50	12.76	39.18	24.95	8.50	7.90	15.7	3.049	93.8
91	12/5/2012 13:45:50	12.78	39.56	25.22	8.50	7.91	14.2	3.112	93.9
92	12/5/2012 14:00:50	12.76	39.22	24.98	8.52	7.90	12.6	3.151	94.0
93	12/5/2012 14:15:50	12.77	39.22	24.98	8.54	7.90	12.5	3.182	94.3
94	12/5/2012 14:30:50	12.76	38.68	24.60	8.52	7.88	11.3	3.226	93.8
95	12/5/2012 14:45:50	12.76	38.71	24.62	8.55	7.88	11.3	3.262	94.1
96	12/5/2012 15:00:50	12.78	38.55	24.51	8.57	7.88	11.2	3.287	94.3
97	12/5/2012 15:15:50	12.82	39.48	25.16	8.54	7.91	11.1	3.296	94.5
98	12/5/2012 15:30:50	12.83	39.91	25.47	8.51	7.91	12.3	3.310	94.3
99	12/5/2012 15:45:50	12.78	39.42	25.12	8.45	7.90	11.9	3.313	93.4
100	12/5/2012 16:00:50	12.81	39.16	24.93	8.46	7.89	12.3	3.302	93.4
101	12/5/2012 16:15:50	12.80	38.91	24.76	8.51	7.89	13.2	3.280	93.9
102	12/5/2012 16:30:50	12.79	38.53	24.49	8.51	7.88	12.5	3.251	93.7
103	12/5/2012 16:45:50	12.76	38.35	24.37	8.51	7.86	14.5	3.228	93.6
104	12/5/2012 17:00:50	12.72	37.66	23.89	8.63	7.85	13.4	3.182	94.5
105	12/5/2012 17:15:50	12.69	37.94	24.08	8.64	7.87	13.4	3.126	94.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	12/5/2012 17:30:50	12.65	38.12	24.20	8.66	7.86	15.7	3.065	94.9
107	12/5/2012 17:45:50	12.62	38.27	24.31	8.65	7.87	15.5	2.998	94.8
108	12/5/2012 18:00:50	12.60	38.14	24.22	8.65	7.86	15.4	2.942	94.7
109	12/5/2012 18:15:50	12.61	37.76	23.95	8.63	7.85	15.2	2.874	94.4
110	12/5/2012 18:30:50	12.60	37.44	23.73	8.64	7.84	15.9	2.792	94.2
111	12/5/2012 18:45:50	12.61	37.20	23.56	8.64	7.83	14.4	2.736	94.2
112	12/5/2012 19:00:50	12.59	36.87	23.33	8.63	7.82	15.9	2.661	93.9
113	12/5/2012 19:15:50	12.59	36.63	23.16	8.63	7.81	13.5	2.583	93.8
114	12/5/2012 19:30:50	12.60	36.78	23.26	8.60	7.81	13.7	2.510	93.5
115	12/5/2012 19:45:50	12.52	36.63	23.16	8.60	7.81	13.3	2.435	93.3
116	12/5/2012 20:00:50	12.58	36.37	22.98	8.60	7.80	12.9	2.342	93.4
117	12/5/2012 20:15:50	12.59	36.44	23.03	8.58	7.80	13.0	2.285	93.2
118	12/5/2012 20:30:50	12.58	36.04	22.75	8.59	7.80	13.4	2.185	93.1
119	12/5/2012 20:45:50	12.55	36.32	22.95	8.56	7.80	13.4	2.137	92.8
120	12/5/2012 21:00:50	12.56	36.17	22.84	8.59	7.80	12.6	2.083	93.1
121	12/5/2012 21:15:50	12.54	36.25	22.89	8.59	7.79	12.8	2.031	93.1
122	12/5/2012 21:30:50	12.57	36.14	22.82	8.60	7.79	12.7	1.998	93.2
123	12/5/2012 21:45:50	12.57	36.07	22.77	8.62	7.79	12.7	1.959	93.4
124	12/5/2012 22:00:50	12.57	36.06	22.76	8.58	7.78	12.7	1.948	93.0
125	12/5/2012 22:15:50	12.57	35.88	22.64	8.58	7.78	12.4	1.952	92.9
126	12/5/2012 22:30:50	12.57	35.93	22.68	8.58	7.79	12.6	1.958	92.9
127	12/5/2012 22:45:50	12.57	36.17	22.84	8.57	7.79	12.0	1.962	92.9
128	12/5/2012 23:00:50	12.57	36.18	22.85	8.53	7.79	13.3	2.024	92.5
129	12/5/2012 23:15:50	12.55	36.00	22.73	8.58	7.79	11.9	2.070	92.9
130	12/5/2012 23:30:50	12.60	36.29	22.93	8.55	7.79	13.0	2.099	92.8
131	12/5/2012 23:45:50	12.60	36.22	22.88	8.52	7.79	13.2	2.155	92.5
132	12/6/2012 0:00:50	12.61	36.24	22.89	8.52	7.79	15.0	2.213	92.5
133	12/6/2012 0:15:50	12.64	36.48	23.06	8.50	7.79	13.5	2.263	92.4
134	12/6/2012 0:30:50	12.64	36.61	23.15	8.53	7.80	13.6	2.346	92.8
135	12/6/2012 0:45:50	12.65	36.74	23.24	8.52	7.81	14.4	2.409	92.8
136	12/6/2012 1:00:50	12.67	36.79	23.28	8.51	7.81	12.8	2.466	92.7
137	12/6/2012 1:15:50	12.69	37.19	23.55	8.51	7.82	14.0	2.547	92.9
138	12/6/2012 1:30:50	12.74	38.07	24.17	8.50	7.86	15.2	2.617	93.3
139	12/6/2012 1:45:50	12.77	38.70	24.61	8.51	7.88	14.5	2.691	93.7
140	12/6/2012 2:00:50	12.75	38.43	24.42	8.54	7.88	13.7	2.767	93.9
141	12/6/2012 2:15:50	12.75	38.52	24.49	8.54	7.88	14.5	2.846	94.0
142	12/6/2012 2:30:50	12.74	38.64	24.57	8.55	7.88	18.1	2.932	94.1
143	12/6/2012 2:45:50	12.69	38.23	24.28	8.58	7.88	14.8	3.008	94.1
144	12/6/2012 3:00:50	12.76	39.17	24.94	8.57	7.90	15.0	3.078	94.5
145	12/6/2012 3:15:50	12.78	39.49	25.17	8.58	7.91	16.0	3.164	94.8
146	12/6/2012 3:30:50	12.88	40.75	26.06	8.55	7.94	19.9	3.230	95.2
147	12/6/2012 3:45:50	12.92	41.25	26.41	8.55	7.96	20.1	3.296	95.5
148	12/6/2012 4:00:50	12.94	41.48	26.57	8.59	7.96	16.4	3.361	96.0
149	12/6/2012 4:15:50	12.94	41.60	26.66	8.58	7.97	15.8	3.424	96.0
150	12/6/2012 4:30:50	12.98	42.05	26.98	8.61	7.98	16.4	3.475	96.6
151	12/6/2012 4:45:50	12.93	41.86	26.85	8.68	7.97	16.7	3.514	97.2
152	12/6/2012 5:00:50	12.96	42.11	27.02	8.61	7.97	15.6	3.538	96.6
153	12/6/2012 5:15:50	12.99	42.27	27.14	8.54	7.98	15.9	3.554	96.0
154	12/6/2012 5:30:50	13.01	42.42	27.25	8.51	7.98	16.6	3.572	95.8
155	12/6/2012 5:45:50	13.01	42.53	27.32	8.53	7.98	15.1	3.557	96.0
156	12/6/2012 6:00:50	12.98	41.88	26.86	8.50	7.96	15.4	3.515	95.3
157	12/6/2012 6:15:50	12.47	38.42	24.41	8.51	7.87	11.9	3.491	92.9
158	12/6/2012 6:30:50	12.45	38.82	24.69	8.55	7.89	14.6	3.448	93.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	12/6/2012 6:45:50	12.47	39.14	24.91	8.59	7.90	12.1	3.372	94.2
160	12/6/2012 7:00:50	12.57	39.46	25.14	8.55	7.90	14.5	3.304	94.0
161	12/6/2012 7:15:50	12.48	38.96	24.78	8.57	7.89	13.5	3.251	93.9
162	12/6/2012 7:30:50	12.40	38.70	24.60	8.54	7.87	11.7	3.196	93.3
163	12/6/2012 7:45:50	12.33	38.30	24.32	8.53	7.86	10.7	3.108	92.9
164	12/6/2012 8:00:50	12.25	38.17	24.22	8.55	7.86	10.6	3.044	92.8
165	12/6/2012 8:15:50	12.33	38.02	24.12	8.54	7.86	10.0	2.983	92.9
166	12/6/2012 8:30:50	12.27	38.12	24.19	8.53	7.86	10.4	2.917	92.7
167	12/6/2012 8:45:50	12.27	38.16	24.22	8.50	7.85	9.9	2.860	92.3
168	12/6/2012 9:00:50	12.31	37.55	23.80	8.49	7.84	9.6	2.807	92.1
169	12/6/2012 9:15:50	12.42	37.86	24.01	8.50	7.85	10.2	2.737	92.5
170	12/6/2012 9:30:50	12.33	37.86	24.01	8.50	7.85	9.8	2.670	92.4
171	12/6/2012 9:45:50	12.36	37.66	23.87	8.53	7.84	9.7	2.632	92.7
172	12/6/2012 10:00:50	12.38	37.53	23.79	8.57	7.84	9.9	2.586	93.0
173	12/6/2012 10:15:50	12.38	37.72	23.92	8.64	7.85	9.7	2.549	93.9
174	12/6/2012 10:30:50	12.41	37.32	23.64	8.61	7.84	9.5	2.489	93.5
175	12/6/2012 10:45:50	12.44	37.74	23.93	8.74	7.86	9.4	2.466	95.1
176	12/6/2012 11:00:50	12.43	37.26	23.60	8.71	7.84	9.2	2.434	94.6
177	12/6/2012 11:15:50	12.46	37.22	23.57	8.61	7.83	9.7	2.426	93.6
178	12/6/2012 11:30:50	12.51	37.07	23.47	8.57	7.83	10.7	2.405	93.1
179	12/6/2012 11:45:50	12.43	37.17	23.54	8.47	7.82	9.4	2.411	92.0
180	12/6/2012 12:00:50	12.47	37.34	23.65	8.63	7.84	9.2	2.412	93.9
181	12/6/2012 12:15:50	12.45	37.03	23.43	8.49	7.82	8.8	2.431	92.2
182	12/6/2012 12:30:50	12.50	37.10	23.48	8.48	7.83	9.4	2.452	92.2
183	12/6/2012 12:45:50	12.53	37.90	24.04	8.40	7.85	10.7	2.486	91.7
184	12/6/2012 13:00:50	12.53	38.21	24.27	8.41	7.85	11.9	2.537	92.0
185	12/6/2012 13:15:50	12.55	38.13	24.21	8.40	7.85	11.9	2.567	91.8
186	12/6/2012 13:30:50	12.58	38.52	24.48	8.40	7.86	14.6	2.608	92.1
187	12/6/2012 13:45:50	12.59	38.72	24.63	8.42	7.87	15.5	2.662	92.3
188	12/6/2012 14:00:50	12.63	39.00	24.82	8.45	7.89	14.8	2.718	92.9
189	12/6/2012 14:15:50	12.62	39.06	24.86	8.45	7.88	11.6	2.755	92.9
190	12/6/2012 14:30:50	12.66	39.69	25.31	8.44	7.90	12.0	2.808	93.1
191	12/6/2012 14:45:50	12.61	39.10	24.89	8.46	7.88	11.1	2.861	92.9
192	12/6/2012 15:00:50	12.67	39.16	24.93	8.43	7.89	11.4	2.896	92.8
193	12/6/2012 15:15:50	12.72	39.00	24.82	8.53	7.89	12.5	2.957	94.0
194	12/6/2012 15:30:50	12.66	39.36	25.08	8.46	7.89	10.3	2.990	93.2
195	12/6/2012 15:45:50	12.62	39.15	24.92	8.48	7.89	10.1	3.022	93.3
196	12/6/2012 16:00:50	12.73	38.57	24.52	8.76	7.93	14.4	3.065	96.3
197	12/6/2012 16:15:50	12.73	38.39	24.39	8.72	7.91	15.4	3.083	95.8
198	12/6/2012 16:30:50	12.79	38.56	24.52	8.86	7.94	15.8	3.100	97.5
199	12/6/2012 16:45:50	12.71	39.00	24.82	8.71	7.93	12.3	3.111	95.9
200	12/6/2012 17:00:50	12.71	39.11	24.90	8.77	7.93	12.8	3.121	96.7
201	12/6/2012 17:15:50	12.80	39.54	25.21	8.69	7.93	13.0	3.113	96.0
202	12/6/2012 17:30:50	12.54	39.36	25.07	8.73	7.91	13.5	3.097	95.9
203	12/6/2012 17:45:50	12.33	38.42	24.40	8.79	7.88	16.6	3.078	95.7
204	12/6/2012 18:00:50	12.30	38.52	24.48	8.73	7.87	15.9	3.052	95.1
205	12/6/2012 18:15:50	12.29	38.56	24.50	8.70	7.87	18.1	3.008	94.8
206	12/6/2012 18:30:50	12.29	38.68	24.59	8.68	7.87	16.1	2.962	94.5
207	12/6/2012 18:45:50	12.28	38.67	24.58	8.65	7.87	15.1	2.901	94.2
208	12/6/2012 19:00:50	12.26	38.84	24.70	8.62	7.87	13.8	2.858	93.9
209	12/6/2012 19:15:50	12.24	38.78	24.65	8.61	7.87	13.9	2.769	93.8
210	12/6/2012 19:30:50	12.20	38.59	24.52	8.61	7.86	15.5	2.702	93.6
211	12/6/2012 19:45:50	12.24	37.94	24.07	8.63	7.85	16.6	2.651	93.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	12/6/2012 20:00:50	12.13	38.33	24.34	8.62	7.85	13.6	2.554	93.5
213	12/6/2012 20:15:50	12.17	37.85	24.00	8.65	7.84	16.6	2.491	93.7
214	12/6/2012 20:30:50	12.12	37.76	23.94	8.62	7.84	16.9	2.421	93.2
215	12/6/2012 20:45:50	12.09	37.46	23.73	8.64	7.83	18.1	2.349	93.3
216	12/6/2012 21:00:50	12.08	37.36	23.66	8.64	7.83	19.2	2.285	93.2
217	12/6/2012 21:15:50	11.91	37.50	23.75	8.59	7.82	18.9	2.209	92.3
218	12/6/2012 21:30:50	11.96	37.17	23.52	8.62	7.82	20.2	2.148	92.7
219	12/6/2012 21:45:50	11.96	36.92	23.35	8.68	7.82	20.9	2.106	93.2
220	12/6/2012 22:00:50	12.03	36.44	23.02	8.74	7.82	21.5	2.042	93.7
221	12/6/2012 22:15:50	12.05	36.39	22.98	8.75	7.82	21.6	2.005	93.9
222	12/6/2012 22:30:50	12.00	36.26	22.89	8.79	7.81	23.0	1.984	94.1
223	12/6/2012 22:45:50	11.99	36.56	23.10	8.65	7.81	20.3	1.980	92.8
224	12/6/2012 23:00:50	11.95	36.34	22.94	8.72	7.81	20.5	1.955	93.3
225	12/6/2012 23:15:50	11.87	36.30	22.92	8.71	7.81	20.8	1.975	93.0
226	12/6/2012 23:30:50	11.85	36.70	23.19	8.66	7.81	19.5	1.988	92.7
227	12/6/2012 23:45:50	11.90	36.56	23.09	8.71	7.81	19.9	2.014	93.3
228	12/7/2012 0:00:50	12.18	37.24	23.57	8.56	7.83	16.2	2.062	92.5
229	12/7/2012 0:15:50	12.19	37.34	23.64	8.58	7.82	17.2	2.085	92.8
230	12/7/2012 0:30:50	12.15	37.10	23.48	8.60	7.83	16.1	2.132	92.8
231	12/7/2012 0:45:50	12.18	37.49	23.75	8.57	7.83	17.0	2.197	92.7
232	12/7/2012 1:00:50	12.29	37.96	24.08	8.54	7.84	17.8	2.248	92.8
233	12/7/2012 1:15:50	12.37	38.52	24.48	8.54	7.86	15.8	2.308	93.2
234	12/7/2012 1:30:50	12.41	38.73	24.63	8.53	7.87	16.0	2.380	93.3
235	12/7/2012 1:45:50	12.40	38.69	24.59	8.53	7.86	15.8	2.459	93.2
236	12/7/2012 2:00:50	12.54	39.87	25.43	8.52	7.90	15.3	2.532	93.9
237	12/7/2012 2:15:50	12.58	40.49	25.86	8.54	7.91	15.4	2.614	94.4
238	12/7/2012 2:30:50	12.64	40.82	26.10	8.56	7.92	15.3	2.672	94.9
239	12/7/2012 2:45:50	12.67	41.24	26.40	8.58	7.93	16.0	2.759	95.3
240	12/7/2012 3:00:50	12.60	40.89	26.15	8.60	7.93	20.2	2.841	95.3
241	12/7/2012 3:15:50	12.59	40.82	26.10	8.59	7.92	17.8	2.910	95.1
242	12/7/2012 3:30:50	12.68	41.91	26.87	8.59	7.95	18.0	2.989	95.7
243	12/7/2012 3:45:50	12.62	41.28	26.43	8.62	7.94	16.9	3.065	95.7
244	12/7/2012 4:00:50	12.56	41.59	26.65	8.67	7.95	19.2	3.154	96.3
245	12/7/2012 4:15:50	12.71	42.78	27.49	8.64	7.97	21.1	3.225	96.8
246	12/7/2012 4:30:50	12.65	43.09	27.71	8.69	7.98	20.5	3.299	97.3
247	12/7/2012 4:45:50	12.75	43.98	28.35	8.67	7.99	17.7	3.369	97.7
248	12/7/2012 5:00:50	12.80	44.45	28.69	8.68	8.00	19.2	3.441	98.1
249	12/7/2012 5:15:50	12.77	44.38	28.63	8.70	8.00	18.0	3.501	98.2
250	12/7/2012 5:30:50	12.74	44.37	28.62	8.71	8.00	15.6	3.539	98.3
251	12/7/2012 5:45:50	12.64	44.16	28.47	8.74	8.00	15.9	3.580	98.3
252	12/7/2012 6:00:50	12.65	44.30	28.57	8.71	8.00	14.5	3.607	98.0
253	12/7/2012 6:15:50	12.76	44.31	28.58	8.60	7.99	14.1	3.609	97.0
254	12/7/2012 6:30:50	12.70	44.46	28.69	8.67	8.00	18.8	3.599	97.7
255	12/7/2012 6:45:50	12.72	44.46	28.69	8.68	8.00	17.5	3.567	97.9
256	12/7/2012 7:00:50	12.66	43.55	28.04	8.62	7.98	17.1	3.541	96.7
257	12/7/2012 7:15:50	12.58	42.84	27.53	8.50	7.96	16.9	3.478	95.0
258	12/7/2012 7:30:50	12.61	43.30	27.86	8.61	7.97	19.5	3.399	96.4
259	12/7/2012 7:45:50	11.88	40.36	25.75	8.68	7.92	14.9	3.334	94.5
260	12/7/2012 8:00:50	11.95	40.62	25.94	8.62	7.92	11.2	3.261	94.1
261	12/7/2012 8:15:50	11.86	40.25	25.67	8.65	7.91	11.2	3.180	94.1
262	12/7/2012 8:30:50	11.77	40.17	25.61	8.68	7.91	11.1	3.098	94.1
263	12/7/2012 8:45:50	11.80	39.98	25.48	8.68	7.91	10.4	3.031	94.2
264	12/7/2012 9:00:50	11.83	40.11	25.58	8.67	7.91	10.9	2.943	94.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	12/7/2012 9:15:50	11.80	40.57	25.90	8.68	7.92	10.3	2.870	94.4
266	12/7/2012 9:30:50	11.97	39.93	25.45	8.65	7.91	12.4	2.790	94.2
267	12/7/2012 9:45:50	11.90	39.55	25.19	8.67	7.90	14.4	2.717	94.1
268	12/7/2012 10:00:50	11.89	39.28	24.99	8.67	7.89	12.2	2.635	93.9
269	12/7/2012 10:15:50	11.90	39.60	25.22	8.83	7.91	10.4	2.554	95.8
270	12/7/2012 10:30:50	11.93	39.46	25.12	8.96	7.91	10.9	2.500	97.2
271	12/7/2012 10:45:50	11.93	38.94	24.76	8.86	7.90	12.8	2.408	95.9
272	12/7/2012 11:00:50	11.96	38.97	24.78	8.99	7.91	11.2	2.332	97.4
273	12/7/2012 11:15:50	11.97	38.68	24.58	9.05	7.90	11.2	2.272	97.9
274	12/7/2012 11:30:50	11.90	38.19	24.23	8.90	7.88	10.8	2.208	96.0
275	12/7/2012 11:45:50	11.91	37.96	24.07	8.92	7.88	11.3	2.168	96.1
276	12/7/2012 12:00:50	11.87	37.78	23.94	8.88	7.87	11.4	2.129	95.5
277	12/7/2012 12:15:50	12.11	38.94	24.76	8.82	7.89	11.0	2.118	95.9
278	12/7/2012 12:30:50	12.01	37.55	23.79	8.77	7.87	13.7	2.090	94.5
279	12/7/2012 12:45:50	11.95	38.21	24.25	8.77	7.87	11.2	2.094	94.7
280	12/7/2012 13:00:50	12.05	38.58	24.51	8.70	7.87	11.1	2.112	94.2
281	12/7/2012 13:15:50	11.94	38.21	24.25	8.78	7.87	10.8	2.132	94.7
282	12/7/2012 13:30:50	12.09	39.38	25.07	8.61	7.89	13.3	2.194	93.7
283	12/7/2012 13:45:50	11.99	38.81	24.67	8.64	7.87	12.0	2.224	93.6
284	12/7/2012 14:00:50	12.08	39.28	25.00	8.58	7.88	12.8	2.270	93.3
285	12/7/2012 14:15:50	12.08	39.40	25.08	8.56	7.88	13.1	2.327	93.2
286	12/7/2012 14:30:50	12.04	39.33	25.03	8.56	7.88	13.4	2.374	93.0
287	12/7/2012 14:45:50	12.07	39.37	25.06	8.53	7.88	12.4	2.428	92.8
288	12/7/2012 15:00:50	12.10	39.93	25.46	8.52	7.89	13.9	2.490	92.9
289	12/7/2012 15:15:50	12.11	40.09	25.57	8.52	7.90	13.4	2.522	93.0
290	12/7/2012 15:30:50	12.10	40.04	25.53	8.54	7.89	12.1	2.592	93.2
291	12/7/2012 15:45:50	12.10	40.24	25.67	8.55	7.90	12.0	2.650	93.4
292	12/7/2012 16:00:50	12.07	40.27	25.69	8.56	7.90	12.2	2.677	93.4
293	12/7/2012 16:15:50	12.10	40.52	25.87	8.56	7.91	11.9	2.740	93.6
294	12/7/2012 16:30:50	12.12	40.49	25.85	8.56	7.91	11.2	2.778	93.7
295	12/7/2012 16:45:50	12.13	40.79	26.07	8.56	7.92	11.3	2.818	93.8
296	12/7/2012 17:00:50	12.15	41.05	26.25	8.55	7.92	12.7	2.863	93.9
297	12/7/2012 17:15:50	12.17	40.72	26.02	8.56	7.92	11.6	2.900	93.9
298	12/7/2012 17:30:50	12.15	40.94	26.17	8.56	7.92	11.1	2.923	94.0
299	12/7/2012 17:45:50	12.07	40.51	25.87	8.57	7.91	11.7	2.972	93.7
300	12/7/2012 18:00:50	12.05	40.34	25.74	8.64	7.91	9.7	2.992	94.3
301	12/7/2012 18:15:50	12.23	41.27	26.40	8.51	7.92	10.1	2.988	93.6
302	12/7/2012 18:30:50	12.22	41.38	26.48	8.46	7.92	11.4	2.999	93.1
303	12/7/2012 18:45:50	12.21	41.30	26.43	8.48	7.92	11.4	3.005	93.3
304	12/7/2012 19:00:50	12.21	41.15	26.32	8.49	7.92	12.0	2.975	93.4
305	12/7/2012 19:15:50	12.19	41.10	26.29	8.48	7.92	13.3	2.944	93.2
306	12/7/2012 19:30:50	11.90	39.61	25.23	8.56	7.87	13.9	2.911	92.9
307	12/7/2012 19:45:50	11.86	39.50	25.15	8.61	7.88	13.4	2.868	93.3
308	12/7/2012 20:00:50	12.12	40.93	26.16	8.50	7.91	13.0	2.818	93.2
309	12/7/2012 20:15:50	11.98	40.28	25.70	8.53	7.89	12.4	2.751	92.9
310	12/7/2012 20:30:50	11.84	39.82	25.37	8.60	7.89	14.8	2.684	93.2
311	12/7/2012 20:45:50	11.77	39.48	25.13	8.65	7.88	13.1	2.628	93.5
312	12/7/2012 21:00:50	11.76	39.37	25.05	8.64	7.88	12.5	2.550	93.4
313	12/7/2012 21:15:50	11.69	39.20	24.93	8.63	7.87	11.5	2.481	93.0
314	12/7/2012 21:30:50	11.66	39.00	24.79	8.64	7.86	12.4	2.415	93.0
315	12/7/2012 21:45:50	11.57	38.76	24.62	8.63	7.86	13.6	2.348	92.7
316	12/7/2012 22:00:50	11.48	38.78	24.63	8.64	7.86	13.2	2.277	92.5
317	12/7/2012 22:15:50	11.45	38.75	24.60	8.61	7.86	14.0	2.222	92.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	12/7/2012 22:30:50	11.45	38.48	24.42	8.64	7.86	13.6	2.161	92.4
319	12/7/2012 22:45:50	11.43	38.44	24.39	8.70	7.86	14.4	2.101	92.9
320	12/7/2012 23:00:50	11.51	38.19	24.22	8.71	7.86	15.3	2.073	93.2
321	12/7/2012 23:15:50	11.44	38.09	24.14	8.73	7.86	17.4	2.033	93.1
322	12/7/2012 23:30:50	11.37	38.08	24.14	8.76	7.86	13.7	2.012	93.3
323	12/7/2012 23:45:50	11.33	37.83	23.96	8.76	7.86	13.4	2.002	93.2
324	12/8/2012 0:00:50	11.25	37.95	24.04	8.80	7.86	15.0	1.988	93.4
325	12/8/2012 0:15:50	11.38	38.01	24.09	8.70	7.86	14.6	1.997	92.7
326	12/8/2012 0:30:50	11.25	37.93	24.03	8.80	7.86	13.8	2.017	93.5
327	12/8/2012 0:45:50	11.36	38.24	24.25	8.72	7.86	13.3	2.047	93.0
328	12/8/2012 1:00:50	11.46	38.77	24.62	8.65	7.86	13.4	2.089	92.6
329	12/8/2012 1:15:50	11.52	38.55	24.47	8.67	7.86	13.3	2.130	92.9
330	12/8/2012 1:30:50	11.58	38.66	24.55	8.63	7.86	12.2	2.184	92.6
331	12/8/2012 1:45:50	11.69	38.91	24.73	8.59	7.86	13.3	2.244	92.5
332	12/8/2012 2:00:50	11.89	39.67	25.27	8.54	7.88	14.0	2.310	92.6
333	12/8/2012 2:15:50	11.90	39.74	25.32	8.55	7.88	13.4	2.372	92.8
334	12/8/2012 2:30:50	11.99	40.26	25.69	8.54	7.89	12.8	2.443	93.1
335	12/8/2012 2:45:50	11.96	40.01	25.51	8.56	7.89	13.7	2.522	93.1
336	12/8/2012 3:00:50	12.02	40.58	25.91	8.57	7.90	12.7	2.592	93.6
337	12/8/2012 3:15:50	12.02	41.02	26.22	8.61	7.92	14.4	2.679	94.3
338	12/8/2012 3:30:50	11.86	40.24	25.67	8.67	7.91	20.2	2.762	94.2
339	12/8/2012 3:45:50	11.81	40.23	25.66	8.66	7.90	15.8	2.835	94.1
340	12/8/2012 4:00:50	11.75	40.38	25.76	8.67	7.91	13.6	2.929	94.1
341	12/8/2012 4:15:50	11.68	40.57	25.89	8.69	7.91	11.8	3.004	94.2
342	12/8/2012 4:30:50	11.71	40.78	26.04	8.72	7.92	13.5	3.091	94.8
343	12/8/2012 4:45:50	11.81	41.29	26.41	8.71	7.93	16.3	3.185	95.1
344	12/8/2012 5:00:50	11.94	42.31	27.13	8.71	7.95	15.4	3.263	95.7
345	12/8/2012 5:15:50	12.37	44.13	28.44	8.60	7.98	20.9	3.352	96.2
346	12/8/2012 5:30:50	12.57	45.57	29.48	8.62	8.00	36.6	3.432	97.5
347	12/8/2012 5:45:50	12.52	45.53	29.45	8.64	8.00	30.8	3.509	97.5
348	12/8/2012 6:00:50	12.46	45.68	29.55	8.65	8.00	34.7	3.581	97.6
349	12/8/2012 6:15:50	12.42	45.86	29.69	8.66	8.01	34.5	3.626	97.7
350	12/8/2012 6:30:50	12.40	45.54	29.45	8.67	8.01	24.6	3.672	97.6
351	12/8/2012 6:45:50	12.38	45.91	29.71	8.63	8.01	23.9	3.706	97.3
352	12/8/2012 7:00:50	12.39	45.71	29.58	8.61	8.01	20.4	3.706	97.0
353	12/8/2012 7:15:50	12.39	45.91	29.72	8.60	8.01	23.1	3.697	97.0
354	12/8/2012 7:30:50	12.38	46.10	29.85	8.61	8.01	21.7	3.670	97.1
355	12/8/2012 7:45:50	12.36	45.90	29.71	8.62	8.01	22.6	3.620	97.1
356	12/8/2012 8:00:50	12.35	45.65	29.53	8.61	8.00	24.4	3.546	96.9
357	12/8/2012 8:15:50	12.07	44.06	28.38	8.52	7.96	20.6	3.477	94.6
358	12/8/2012 8:30:50	11.80	42.56	27.30	8.56	7.94	13.9	3.406	93.9
359	12/8/2012 8:45:50	11.83	42.83	27.50	8.55	7.94	15.6	3.288	93.9
360	12/8/2012 9:00:50	12.00	43.28	27.82	8.62	7.96	19.7	3.217	95.2
361	12/8/2012 9:15:50	11.64	41.95	26.86	8.61	7.93	11.2	3.132	93.8
362	12/8/2012 9:30:50	11.79	42.36	27.16	8.59	7.94	11.3	3.028	94.1
363	12/8/2012 9:45:50	11.95	42.71	27.41	8.58	7.95	10.4	2.947	94.5
364	12/8/2012 10:00:50	11.84	42.31	27.13	8.63	7.94	10.5	2.847	94.6
365	12/8/2012 10:15:50	11.78	42.15	27.01	8.71	7.94	9.9	2.755	95.3
366	12/8/2012 10:30:50	11.74	42.06	26.95	8.74	7.94	9.6	2.674	95.5
367	12/8/2012 10:45:50	11.56	40.73	26.00	8.77	7.92	11.2	2.546	94.9
368	12/8/2012 11:00:50	11.60	40.89	26.12	8.98	7.94	12.7	2.455	97.3
369	12/8/2012 11:15:50	11.56	40.85	26.09	9.06	7.95	11.5	2.367	98.2
370	12/8/2012 11:30:50	11.39	39.94	25.44	8.95	7.92	11.0	2.252	96.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	12/8/2012 11:45:50	11.30	39.57	25.17	9.00	7.91	11.0	2.150	96.4
372	12/8/2012 12:00:50	11.30	39.39	25.05	9.07	7.92	11.9	2.051	97.0
373	12/8/2012 12:15:50	11.28	39.29	24.98	9.12	7.92	12.6	1.973	97.4
374	12/8/2012 12:30:51	11.33	39.37	25.04	9.20	7.93	12.5	1.885	98.5
375	12/8/2012 12:45:51	11.34	39.31	25.00	8.94	7.91	13.2	1.809	95.7
376	12/8/2012 13:00:50	11.40	39.08	24.84	9.11	7.93	15.3	1.773	97.5
377	12/8/2012 13:15:50	11.44	39.54	25.16	9.03	7.93	11.5	1.751	96.9
378	12/8/2012 13:30:50	11.34	39.25	24.96	8.84	7.90	10.3	1.731	94.6
379	12/8/2012 13:45:50	11.36	39.00	24.78	8.94	7.90	10.4	1.727	95.6
380	12/8/2012 14:00:50	11.31	38.80	24.64	8.94	7.90	10.0	1.758	95.4
381	12/8/2012 14:15:50	11.42	39.35	25.03	8.88	7.90	13.5	1.794	95.2
382	12/8/2012 14:30:50	11.42	39.49	25.12	8.79	7.90	11.9	1.828	94.3
383	12/8/2012 14:45:50	11.42	39.32	25.01	8.84	7.90	13.4	1.896	94.8
384	12/8/2012 15:00:50	11.39	39.30	24.99	8.87	7.89	13.3	1.955	95.0
385	12/8/2012 15:15:50	11.37	39.05	24.81	8.87	7.89	14.5	2.018	94.9
386	12/8/2012 15:30:50	11.35	39.06	24.82	8.84	7.88	13.0	2.085	94.5
387	12/8/2012 15:45:50	11.40	39.33	25.01	8.75	7.89	12.7	2.139	93.8
388	12/8/2012 16:00:50	11.42	39.52	25.14	8.69	7.89	11.8	2.208	93.3
389	12/8/2012 16:15:50	11.55	40.27	25.68	8.60	7.90	14.0	2.278	92.9
390	12/8/2012 16:30:50	11.59	40.70	25.98	8.59	7.90	14.3	2.329	93.1
391	12/8/2012 16:45:50	11.63	40.76	26.02	8.60	7.91	13.7	2.394	93.2
392	12/8/2012 17:00:50	11.69	41.13	26.29	8.59	7.91	15.0	2.467	93.4
393	12/8/2012 17:15:50	11.69	41.28	26.39	8.61	7.92	15.5	2.527	93.7
394	12/8/2012 17:30:50	11.73	41.47	26.53	8.60	7.92	14.5	2.583	93.7
395	12/8/2012 17:45:50	11.75	41.65	26.66	8.61	7.92	14.5	2.644	94.0
396	12/8/2012 18:00:50	11.76	41.80	26.76	8.60	7.93	14.4	2.693	93.9
397	12/8/2012 18:15:50	11.76	41.99	26.90	8.62	7.93	14.1	2.758	94.2
398	12/8/2012 18:30:50	11.75	41.93	26.86	8.63	7.93	13.0	2.800	94.3
399	12/8/2012 18:45:50	11.75	41.92	26.85	8.65	7.93	12.0	2.835	94.6
400	12/8/2012 19:00:50	11.78	42.26	27.09	8.62	7.94	11.9	2.894	94.4
401	12/8/2012 19:15:50	11.77	42.30	27.12	8.62	7.94	11.2	2.915	94.4
402	12/8/2012 19:30:50	11.77	42.24	27.07	8.60	7.93	11.6	2.942	94.1
403	12/8/2012 19:45:50	11.82	42.51	27.27	8.55	7.94	11.4	2.956	93.8
404	12/8/2012 20:00:50	11.91	42.91	27.55	8.49	7.94	12.2	2.951	93.5
405	12/8/2012 20:15:50	11.89	42.90	27.55	8.47	7.94	11.5	2.955	93.3
406	12/8/2012 20:30:50	11.89	42.82	27.49	8.52	7.94	11.8	2.937	93.7
407	12/8/2012 20:45:50	11.87	42.64	27.36	8.50	7.94	12.4	2.895	93.4
408	12/8/2012 21:00:50	11.82	42.41	27.20	8.51	7.93	12.4	2.854	93.3
409	12/8/2012 21:15:50	11.74	41.93	26.85	8.56	7.93	13.5	2.821	93.5
410	12/8/2012 21:30:50	11.71	41.78	26.75	8.55	7.92	17.7	2.764	93.3
411	12/8/2012 21:45:50	11.61	41.29	26.40	8.58	7.91	22.0	2.682	93.2
412	12/8/2012 22:00:50	11.09	40.27	25.66	8.65	7.88	15.6	2.628	92.5
413	12/8/2012 22:15:50	10.98	40.34	25.71	8.66	7.88	14.7	2.558	92.4
414	12/8/2012 22:30:50	10.94	40.47	25.80	8.60	7.88	12.6	2.484	91.7
415	12/8/2012 22:45:50	11.08	40.10	25.54	8.60	7.88	12.2	2.425	91.8
416	12/8/2012 23:00:50	10.93	39.92	25.41	8.68	7.88	11.6	2.350	92.3
417	12/8/2012 23:15:50	10.95	39.90	25.40	8.73	7.88	11.9	2.290	92.8
418	12/8/2012 23:30:50	10.81	39.71	25.25	8.71	7.88	12.5	2.224	92.3
419	12/8/2012 23:45:50	10.75	39.70	25.25	8.76	7.88	12.1	2.175	92.8
420	12/9/2012 0:00:50	10.84	39.66	25.22	8.76	7.88	12.3	2.132	92.8
421	12/9/2012 0:15:50	10.86	39.68	25.24	8.73	7.88	12.0	2.089	92.6
422	12/9/2012 0:30:50	10.91	39.50	25.11	8.66	7.87	10.8	2.073	91.9
423	12/9/2012 0:45:50	11.05	39.93	25.42	8.64	7.88	10.6	2.039	92.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	12/9/2012 1:00:51	11.02	40.01	25.48	8.62	7.88	11.2	2.041	91.9
425	12/9/2012 1:15:50	10.50	39.23	24.91	8.89	7.89	12.3	2.062	93.4
426	12/9/2012 1:30:50	10.51	39.27	24.93	8.92	7.89	11.4	2.070	93.7
427	12/9/2012 1:45:50	10.77	39.64	25.20	8.75	7.88	11.1	2.109	92.6
428	12/9/2012 2:00:50	11.11	40.09	25.53	8.66	7.88	11.2	2.159	92.5
429	12/9/2012 2:15:50	11.14	40.14	25.57	8.66	7.89	12.0	2.206	92.6
430	12/9/2012 2:30:50	10.94	39.87	25.38	8.72	7.88	12.5	2.250	92.7
431	12/9/2012 2:45:50	11.03	39.84	25.35	8.69	7.88	11.9	2.332	92.6
432	12/9/2012 3:00:50	11.21	40.28	25.67	8.64	7.89	13.9	2.412	92.7
433	12/9/2012 3:15:50	11.18	40.18	25.60	8.66	7.89	12.2	2.475	92.7
434	12/9/2012 3:30:50	11.31	40.82	26.05	8.62	7.90	11.2	2.553	92.8
435	12/9/2012 3:45:50	11.35	40.98	26.17	8.63	7.90	11.4	2.631	93.1
436	12/9/2012 4:00:50	11.41	41.31	26.40	8.63	7.91	12.2	2.716	93.4
437	12/9/2012 4:15:50	11.38	41.55	26.57	8.65	7.92	11.5	2.781	93.6
438	12/9/2012 4:30:50	11.23	41.42	26.47	8.70	7.92	14.5	2.885	93.8
439	12/9/2012 4:45:50	11.27	41.79	26.74	8.70	7.92	13.4	2.970	94.0
440	12/9/2012 5:00:50	11.50	42.47	27.23	8.69	7.94	12.1	3.051	94.6
441	12/9/2012 5:15:50	11.34	42.34	27.13	8.73	7.94	15.1	3.142	94.8
442	12/9/2012 5:30:50	11.47	43.21	27.76	8.73	7.95	14.3	3.231	95.4
443	12/9/2012 5:45:50	11.90	44.84	28.93	8.64	7.97	20.6	3.324	96.0
444	12/9/2012 6:00:50	12.10	45.85	29.66	8.69	7.99	27.8	3.405	97.4
445	12/9/2012 6:15:50	12.13	46.04	29.80	8.75	8.00	33.5	3.500	98.2
446	12/9/2012 6:30:50	12.08	46.30	29.99	8.83	8.00	44.8	3.585	99.1
447	12/9/2012 6:45:50	12.09	46.27	29.97	8.83	8.00	39.7	3.656	99.1
448	12/9/2012 7:00:50	12.10	46.64	30.23	8.82	8.01	29.8	3.723	99.2
449	12/9/2012 7:15:50	12.13	46.85	30.39	8.81	8.01	21.2	3.757	99.2
450	12/9/2012 7:30:50	12.13	46.91	30.43	8.79	8.01	18.6	3.804	99.0
451	12/9/2012 7:45:50	12.14	47.00	30.49	8.78	8.01	16.2	3.818	99.0
452	12/9/2012 8:00:50	12.12	46.80	30.35	8.78	8.01	18.1	3.801	98.8
453	12/9/2012 8:15:50	12.16	47.05	30.53	8.78	8.01	19.1	3.771	99.0
454	12/9/2012 8:30:50	11.90	45.66	29.52	8.59	7.97	17.2	3.739	95.7
455	12/9/2012 8:45:50	11.81	45.57	29.45	8.74	7.99	22.5	3.666	97.2
456	12/9/2012 9:00:50	11.68	44.53	28.70	8.68	7.97	19.4	3.590	95.9
457	12/9/2012 9:15:50	11.50	44.06	28.36	8.73	7.96	15.4	3.504	95.7
458	12/9/2012 9:30:50	11.46	43.74	28.13	8.66	7.95	13.1	3.404	94.8
459	12/9/2012 9:45:50	11.50	43.61	28.04	8.67	7.95	11.7	3.303	94.9
460	12/9/2012 10:00:50	11.73	44.55	28.72	8.64	7.96	11.6	3.196	95.5
461	12/9/2012 10:15:50	11.75	44.21	28.47	8.68	7.96	11.9	3.088	95.8
462	12/9/2012 10:30:50	11.66	43.97	28.30	8.72	7.96	12.2	2.969	96.0
463	12/9/2012 10:45:50	11.56	43.39	27.88	8.79	7.95	11.6	2.855	96.3
464	12/9/2012 11:00:50	11.44	42.78	27.44	8.86	7.95	11.2	2.740	96.5
465	12/9/2012 11:15:50	11.33	41.92	26.83	8.89	7.94	12.2	2.635	96.2
466	12/9/2012 11:30:50	11.50	42.27	27.09	8.82	7.95	12.6	2.517	96.0
467	12/9/2012 11:45:51	11.48	41.97	26.87	8.95	7.95	12.5	2.367	97.3
468	12/9/2012 12:00:50	11.31	41.19	26.31	9.05	7.94	14.4	2.264	97.6
469	12/9/2012 12:15:50	11.16	40.64	25.92	9.08	7.93	13.3	2.154	97.4
470	12/9/2012 12:30:50	11.29	40.59	25.89	9.47	7.96	12.0	1.991	101.9
471	12/9/2012 12:45:50	11.24	40.28	25.67	9.42	7.95	13.0	1.875	101.0
472	12/9/2012 13:00:50	11.06	40.03	25.49	9.33	7.94	13.3	1.767	99.5
473	12/9/2012 13:15:50	11.10	39.90	25.40	9.28	7.94	13.4	1.668	99.1
474	12/9/2012 13:30:50	11.01	39.78	25.31	9.29	7.94	13.6	1.562	98.9
475	12/9/2012 13:45:50	10.94	39.46	25.09	9.33	7.94	13.2	1.504	99.1
476	12/9/2012 14:00:51	10.95	39.58	25.17	9.35	7.94	12.2	1.463	99.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	12/9/2012 14:15:50	10.95	39.37	25.02	9.33	7.94	12.2	1.425	99.1
478	12/9/2012 14:30:51	11.03	39.73	25.28	9.33	7.94	12.5	1.431	99.4
479	12/9/2012 14:45:51	11.00	39.80	25.33	9.24	7.93	11.7	1.447	98.4
480	12/9/2012 15:00:50	11.03	39.72	25.27	9.21	7.93	11.9	1.482	98.1
481	12/9/2012 15:15:51	10.96	39.70	25.26	9.23	7.93	11.4	1.530	98.1
482	12/9/2012 15:30:51	10.96	39.74	25.28	9.20	7.93	11.7	1.574	97.8
483	12/9/2012 15:45:51	10.97	39.80	25.32	9.17	7.93	11.7	1.658	97.6
484	12/9/2012 16:00:50	11.01	39.84	25.35	9.12	7.92	11.0	1.712	97.1
485	12/9/2012 16:15:50	11.01	40.02	25.48	9.09	7.92	11.4	1.777	96.9
486	12/9/2012 16:30:50	10.96	39.63	25.20	9.09	7.91	11.1	1.849	96.6
487	12/9/2012 16:45:51	10.96	39.78	25.31	9.05	7.91	11.2	1.923	96.3
488	12/9/2012 17:00:51	11.02	40.02	25.48	9.01	7.91	11.6	2.014	96.1
489	12/9/2012 17:15:51	11.07	40.26	25.65	8.95	7.91	12.0	2.088	95.6
490	12/9/2012 17:30:50	11.20	40.84	26.07	8.81	7.91	14.2	2.168	94.7
491	12/9/2012 17:45:50	11.27	41.21	26.33	8.73	7.91	15.0	2.263	94.1
492	12/9/2012 18:00:50	11.31	41.35	26.43	8.71	7.91	15.8	2.342	94.0
493	12/9/2012 18:15:50	11.33	41.78	26.73	8.69	7.92	17.3	2.408	94.1
494	12/9/2012 18:30:51	11.31	41.75	26.71	8.72	7.92	15.9	2.494	94.3
495	12/9/2012 18:45:50	11.31	41.68	26.67	8.73	7.92	15.5	2.573	94.4
496	12/9/2012 19:00:50	11.35	42.01	26.90	8.71	7.92	16.3	2.642	94.4
497	12/9/2012 19:15:50	11.39	42.25	27.07	8.70	7.93	17.4	2.707	94.4
498	12/9/2012 19:30:50	11.45	42.57	27.30	8.69	7.93	20.3	2.778	94.6
499	12/9/2012 19:45:50	11.47	42.91	27.54	8.70	7.94	21.1	2.831	94.9
500	12/9/2012 20:00:50	11.51	43.29	27.81	8.70	7.94	22.0	2.886	95.1
501	12/9/2012 20:15:50	11.55	43.51	27.97	8.68	7.95	20.3	2.930	95.1
502	12/9/2012 20:30:50	11.61	43.79	28.17	8.66	7.95	19.7	2.977	95.2
503	12/9/2012 20:45:50	11.61	44.14	28.42	8.67	7.95	17.8	3.008	95.4
504	12/9/2012 21:00:50	11.67	44.20	28.47	8.70	7.96	16.1	3.026	95.9
505	12/9/2012 21:15:50	11.67	44.27	28.52	8.68	7.96	18.9	3.052	95.7
506	12/9/2012 21:30:50	11.71	44.58	28.74	8.68	7.96	17.8	3.042	95.9
507	12/9/2012 21:45:50	11.65	44.09	28.39	8.67	7.95	16.2	3.019	95.4
508	12/9/2012 22:00:50	11.62	43.92	28.26	8.65	7.95	15.9	2.980	95.1
509	12/9/2012 22:15:50	11.49	43.45	27.93	8.65	7.94	17.2	2.937	94.6
510	12/9/2012 22:30:50	11.35	42.53	27.27	8.69	7.93	20.0	2.874	94.3
511	12/9/2012 22:45:50	11.25	42.25	27.06	8.71	7.92	24.4	2.801	94.2
512	12/9/2012 23:00:51	11.18	42.01	26.89	8.74	7.92	23.8	2.729	94.4
513	12/9/2012 23:15:50	11.13	41.86	26.78	8.76	7.91	20.8	2.650	94.4
514	12/9/2012 23:30:50	10.91	41.37	26.43	8.77	7.90	19.5	2.571	93.8
515	12/9/2012 23:45:51	10.97	41.67	26.64	8.74	7.91	14.5	2.495	93.7
516	12/10/2012 0:00:51	10.82	41.11	26.24	8.79	7.90	16.3	2.429	93.8
517	12/10/2012 0:15:50	10.74	40.95	26.12	8.78	7.89	12.6	2.357	93.4
518	12/10/2012 0:30:50	10.65	40.77	26.00	8.79	7.89	12.9	2.295	93.3
519	12/10/2012 0:45:50	10.56	40.76	25.98	8.80	7.89	12.5	2.244	93.2
520	12/10/2012 1:00:50	10.60	40.62	25.89	8.84	7.90	11.9	2.194	93.6
521	12/10/2012 1:15:50	10.64	40.52	25.82	8.87	7.90	11.8	2.148	94.0
522	12/10/2012 1:30:50	10.69	40.49	25.80	8.86	7.90	12.8	2.133	93.9
523	12/10/2012 1:45:51	10.83	40.99	26.15	8.78	7.90	11.1	2.121	93.7
524	12/10/2012 2:00:50	10.71	40.82	26.03	8.80	7.90	11.4	2.116	93.5
525	12/10/2012 2:15:50	10.47	40.46	25.76	8.89	7.90	10.4	2.144	93.8
526	12/10/2012 2:30:50	10.41	40.27	25.63	8.98	7.91	11.1	2.159	94.5
527	12/10/2012 2:45:50	10.81	40.95	26.12	8.80	7.90	11.2	2.212	93.8
528	12/10/2012 3:00:50	10.91	41.16	26.28	8.76	7.90	12.5	2.273	93.6
529	12/10/2012 3:15:50	10.73	41.09	26.22	8.82	7.90	13.1	2.308	93.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
530	12/10/2012 3:30:50	10.93	41.30	26.38	8.74	7.90	14.1	2.389	93.5
531	12/10/2012 3:45:50	10.96	41.36	26.42	8.74	7.91	15.5	2.469	93.6
532	12/10/2012 4:00:51	11.04	41.96	26.85	8.71	7.91	13.3	2.531	93.8
533	12/10/2012 4:15:50	11.06	41.84	26.77	8.72	7.91	12.8	2.613	93.8
534	12/10/2012 4:30:50	11.14	42.45	27.20	8.73	7.92	13.4	2.693	94.3
535	12/10/2012 4:45:51	11.16	42.79	27.44	8.74	7.93	14.5	2.772	94.6
536	12/10/2012 5:00:51	11.09	42.74	27.40	8.78	7.93	16.6	2.854	95.0
537	12/10/2012 5:15:50	11.09	42.85	27.48	8.80	7.93	15.4	2.939	95.2
538	12/10/2012 5:30:50	11.29	43.73	28.11	8.79	7.95	14.2	3.033	95.9
539	12/10/2012 5:45:50	11.52	44.63	28.76	8.77	7.96	16.7	3.122	96.5
540	12/10/2012 6:00:50	11.69	45.41	29.33	8.78	7.98	22.0	3.221	97.3
541	12/10/2012 6:15:50	11.88	46.21	29.92	8.79	7.99	32.7	3.317	98.1
542	12/10/2012 6:30:50	11.90	46.35	30.02	8.80	7.99	46.0	3.418	98.4
543	12/10/2012 6:45:50	11.96	46.98	30.47	8.80	8.00	47.2	3.511	98.8
544	12/10/2012 7:00:50	11.97	47.11	30.56	8.80	8.00	41.3	3.610	98.9
545	12/10/2012 7:15:50	11.99	47.53	30.86	8.79	8.01	37.4	3.696	98.9
546	12/10/2012 7:30:50	12.01	47.77	31.04	8.77	8.01	28.8	3.776	98.9
547	12/10/2012 7:45:50	12.01	47.95	31.17	8.75	8.01	22.3	3.837	98.8
548	12/10/2012 8:00:50	12.10	47.97	31.19	8.73	8.02	20.0	3.899	98.7
549	12/10/2012 8:15:50	12.13	48.26	31.40	8.71	8.02	17.0	3.941	98.7
550	12/10/2012 8:30:50	12.15	48.36	31.47	8.69	8.02	13.7	3.955	98.6
551	12/10/2012 8:45:50	12.13	48.24	31.39	8.66	8.02	13.6	3.969	98.2
552	12/10/2012 9:00:50	12.13	48.27	31.41	8.68	8.02	17.6	3.940	98.4
553	12/10/2012 9:15:50	12.07	48.15	31.31	8.69	8.01	17.9	3.900	98.3
554	12/10/2012 9:30:50	11.53	46.05	29.78	8.79	7.98	16.2	3.832	97.3
555	12/10/2012 9:45:50	11.29	45.05	29.06	8.80	7.97	12.5	3.752	96.6
556	12/10/2012 10:00:50	11.50	45.40	29.32	8.76	7.97	16.1	3.652	96.7
557	12/10/2012 10:15:50	11.45	44.86	28.93	8.75	7.96	13.1	3.536	96.3
558	12/10/2012 10:30:50	11.42	44.60	28.74	8.75	7.96	14.5	3.424	96.1
559	12/10/2012 10:45:50	11.47	44.94	28.98	8.74	7.96	21.6	3.307	96.2
560	12/10/2012 11:00:50	11.38	44.13	28.40	8.78	7.95	23.0	3.174	96.1
561	12/10/2012 11:15:50	11.59	44.71	28.83	8.76	7.96	13.1	3.054	96.6
562	12/10/2012 11:30:50	11.46	44.07	28.36	8.82	7.95	13.5	2.933	96.7
563	12/10/2012 11:45:50	11.48	43.75	28.14	8.87	7.95	13.0	2.786	97.1
564	12/10/2012 12:00:50	11.43	43.34	27.85	8.99	7.95	13.4	2.650	98.2
565	12/10/2012 12:15:50	11.37	42.84	27.48	8.94	7.94	14.4	2.519	97.3
566	12/10/2012 12:30:50	11.59	43.09	27.67	9.14	7.96	12.8	2.368	100.1
567	12/10/2012 12:45:50	11.46	42.68	27.38	9.07	7.95	15.1	2.219	98.8
568	12/10/2012 13:00:50	11.47	42.27	27.09	9.36	7.97	16.3	2.069	101.8
569	12/10/2012 13:15:50	11.36	41.76	26.72	9.38	7.96	16.4	1.918	101.5
570	12/10/2012 13:30:50	11.48	41.88	26.81	9.41	7.97	16.1	1.772	102.2
571	12/10/2012 13:45:50	11.31	41.33	26.42	9.36	7.96	16.6	1.636	101.1
572	12/10/2012 14:00:50	11.10	40.88	26.09	9.32	7.95	15.0	1.506	100.0
573	12/10/2012 14:15:50	10.99	40.44	25.78	9.38	7.95	14.8	1.376	100.2
574	12/10/2012 14:30:51	10.96	40.43	25.77	9.43	7.95	20.9	1.288	100.6
575	12/10/2012 14:45:51	10.94	40.29	25.67	9.46	7.95	22.0	1.213	100.8
576	12/10/2012 15:00:51	10.93	40.24	25.63	9.47	7.96	21.4	1.158	100.9
577	12/10/2012 15:15:50	10.99	40.25	25.64	9.46	7.95	18.8	1.155	100.9
578	12/10/2012 15:30:50	11.00	40.26	25.65	9.42	7.95	15.5	1.190	100.5
579	12/10/2012 15:45:50	10.99	40.48	25.80	9.36	7.95	13.7	1.221	99.9
580	12/10/2012 16:00:51	10.98	40.53	25.84	9.33	7.95	12.5	1.285	99.7
581	12/10/2012 16:15:51	10.97	40.55	25.85	9.34	7.95	13.4	1.365	99.7
582	12/10/2012 16:30:51	10.98	40.59	25.88	9.32	7.95	14.4	1.423	99.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	12/10/2012 16:45:51	10.89	39.74	25.28	9.26	7.92	14.2	1.507	98.3
584	12/10/2012 17:00:50	10.90	40.00	25.46	9.22	7.92	14.5	1.582	98.0
585	12/10/2012 17:15:51	10.93	40.23	25.62	9.17	7.92	14.4	1.673	97.6
586	12/10/2012 17:30:51	10.99	40.58	25.87	9.12	7.92	14.1	1.740	97.5
587	12/10/2012 17:45:51	10.96	40.52	25.83	9.09	7.92	13.5	1.822	97.0
588	12/10/2012 18:00:50	11.05	40.84	26.06	9.00	7.91	14.6	1.931	96.4
589	12/10/2012 18:15:50	11.13	41.28	26.37	8.94	7.92	15.6	2.027	96.1
590	12/10/2012 18:30:50	11.18	41.62	26.62	8.87	7.92	15.5	2.120	95.6
591	12/10/2012 18:45:50	11.24	42.20	27.03	8.80	7.92	16.5	2.217	95.2
592	12/10/2012 19:00:50	11.30	42.49	27.24	8.74	7.92	18.3	2.325	94.8
593	12/10/2012 19:15:50	11.31	42.85	27.49	8.71	7.92	20.6	2.412	94.7
594	12/10/2012 19:30:50	11.35	43.15	27.71	8.71	7.93	20.7	2.500	94.8
595	12/10/2012 19:45:50	11.38	43.38	27.87	8.72	7.93	24.1	2.596	95.1
596	12/10/2012 20:00:50	11.38	43.31	27.82	8.74	7.93	24.6	2.676	95.4
597	12/10/2012 20:15:50	11.41	43.55	27.99	8.74	7.94	26.3	2.752	95.5
598	12/10/2012 20:30:50	11.42	43.64	28.06	8.76	7.94	23.0	2.833	95.8
599	12/10/2012 20:45:50	11.46	43.84	28.20	8.75	7.94	23.0	2.897	95.8
600	12/10/2012 21:00:50	11.57	44.45	28.64	8.72	7.95	40.7	2.960	95.9
601	12/10/2012 21:15:50	11.67	45.39	29.32	8.70	7.96	30.3	3.022	96.4
602	12/10/2012 21:30:50	11.73	45.67	29.52	8.69	7.97	23.9	3.077	96.5
603	12/10/2012 21:45:50	11.78	46.20	29.90	8.63	7.98	20.3	3.120	96.2
604	12/10/2012 22:00:51	11.80	46.37	30.03	8.62	7.98	15.9	3.147	96.2
605	12/10/2012 22:15:50	11.81	46.45	30.08	8.58	7.98	13.3	3.172	95.9
606	12/10/2012 22:30:51	11.82	46.53	30.14	8.57	7.98	14.0	3.174	95.7
607	12/10/2012 22:45:50	11.85	46.65	30.23	8.56	7.98	15.8	3.148	95.8
608	12/10/2012 23:00:50	11.78	46.30	29.97	8.59	7.98	14.8	3.114	95.8
609	12/10/2012 23:15:51	11.74	46.15	29.87	8.60	7.97	17.7	3.047	95.7
610	12/10/2012 23:30:51	11.62	45.25	29.21	8.63	7.96	20.1	2.990	95.5
611	12/10/2012 23:45:50	11.49	44.43	28.62	8.72	7.95	34.6	2.919	95.8
612	12/11/2012 0:00:50	11.45	44.05	28.35	8.71	7.94	26.7	2.824	95.5
613	12/11/2012 0:15:50	11.40	43.87	28.22	8.71	7.94	20.0	2.748	95.3
614	12/11/2012 0:30:50	11.35	43.43	27.91	8.69	7.93	20.3	2.678	94.8
615	12/11/2012 0:45:50	11.23	42.88	27.51	8.68	7.91	14.9	2.593	94.1
616	12/11/2012 1:00:50	11.21	42.91	27.53	8.72	7.92	13.3	2.514	94.5
617	12/11/2012 1:15:50	11.12	42.53	27.26	8.80	7.92	15.3	2.444	95.1
618	12/11/2012 1:30:51	11.08	42.53	27.25	8.79	7.91	12.9	2.382	94.9
619	12/11/2012 1:45:51	11.06	42.44	27.19	8.80	7.91	13.0	2.320	94.9
620	12/11/2012 2:00:51	11.04	42.19	27.01	8.81	7.91	12.9	2.276	94.9
621	12/11/2012 2:15:50	11.02	42.00	26.87	8.82	7.91	13.0	2.240	94.9
622	12/11/2012 2:30:51	11.03	42.06	26.92	8.82	7.91	12.5	2.211	94.9
623	12/11/2012 2:45:50	11.04	42.07	26.93	8.75	7.91	12.0	2.200	94.1
624	12/11/2012 3:00:51	11.11	42.38	27.15	8.74	7.91	13.0	2.205	94.3
625	12/11/2012 3:15:51	11.13	42.54	27.26	8.73	7.91	13.1	2.226	94.3
626	12/11/2012 3:30:51	10.96	41.96	26.85	8.84	7.91	10.7	2.242	95.0
627	12/11/2012 3:45:50	11.13	42.47	27.22	8.75	7.91	13.7	2.293	94.5
628	12/11/2012 4:00:50	11.18	42.81	27.46	8.72	7.91	14.4	2.357	94.5
629	12/11/2012 4:15:51	11.16	42.73	27.40	8.73	7.91	14.3	2.416	94.5
630	12/11/2012 4:30:51	11.25	43.10	27.66	8.67	7.92	15.4	2.483	94.2
631	12/11/2012 4:45:51	11.34	43.70	28.09	8.63	7.93	13.8	2.569	94.2
632	12/11/2012 5:00:50	11.35	43.65	28.06	8.66	7.93	15.6	2.642	94.5
633	12/11/2012 5:15:50	11.39	43.81	28.18	8.67	7.94	16.4	2.716	94.8
634	12/11/2012 5:30:50	11.37	44.05	28.35	8.68	7.94	17.0	2.808	95.0
635	12/11/2012 5:45:50	11.42	44.33	28.55	8.71	7.94	18.0	2.901	95.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	12/11/2012 6:00:50	11.49	44.89	28.95	8.67	7.95	13.9	2.985	95.5
637	12/11/2012 6:15:51	11.78	46.34	30.00	8.57	7.97	28.0	3.077	95.6
638	12/11/2012 6:30:50	11.76	46.10	29.83	8.59	7.97	31.1	3.190	95.6
639	12/11/2012 6:45:50	11.82	46.57	30.17	8.57	7.98	30.4	3.294	95.8
640	12/11/2012 7:00:50	11.82	46.66	30.23	8.57	7.98	28.9	3.401	95.8
641	12/11/2012 7:15:50	11.91	47.29	30.69	8.55	7.99	29.3	3.514	96.0
642	12/11/2012 7:30:50	11.95	47.64	30.94	8.53	7.99	25.3	3.624	96.0
643	12/11/2012 7:45:50	12.04	48.41	31.51	8.47	8.00	28.9	3.720	95.9
644	12/11/2012 8:00:50	12.07	48.65	31.68	8.45	8.00	23.1	3.814	95.8
645	12/11/2012 8:15:50	12.10	48.82	31.80	8.46	8.01	19.3	3.895	96.0
646	12/11/2012 8:30:51	12.12	48.99	31.93	8.46	8.01	15.6	3.976	96.2
647	12/11/2012 8:45:50	12.13	49.05	31.97	8.46	8.01	14.8	4.036	96.2
648	12/11/2012 9:00:50	12.18	49.11	32.02	8.46	8.02	13.0	4.085	96.4
649	12/11/2012 9:15:50	12.21	49.06	31.98	8.48	8.02	11.4	4.121	96.6
650	12/11/2012 9:30:51	12.20	49.12	32.02	8.45	8.02	11.1	4.135	96.3
651	12/11/2012 9:45:51	12.19	49.08	31.99	8.44	8.01	13.0	4.137	96.1
652	12/11/2012 10:00:51	12.22	49.25	32.12	8.47	8.02	13.6	4.101	96.6
653	12/11/2012 10:15:50	12.16	48.84	31.82	8.46	8.01	15.0	4.040	96.2
654	12/11/2012 10:30:50	12.02	47.88	31.12	8.54	8.00	13.1	3.966	96.4
655	12/11/2012 10:45:51	12.00	47.65	30.95	8.57	7.99	10.8	3.872	96.6
656	12/11/2012 11:00:50	11.80	46.44	30.07	8.63	7.97	10.6	3.751	96.3
657	12/11/2012 11:15:50	11.75	46.05	29.79	8.63	7.97	11.8	3.622	96.0
658	12/11/2012 11:30:50	11.67	45.64	29.50	8.63	7.96	12.2	3.506	95.7
659	12/11/2012 11:45:50	11.75	46.47	30.09	8.53	7.97	22.3	3.369	95.1
660	12/11/2012 12:00:51	11.58	45.30	29.24	8.64	7.96	28.4	3.215	95.5
661	12/11/2012 12:15:50	11.61	45.46	29.36	8.63	7.96	20.5	3.080	95.5
662	12/11/2012 12:30:50	11.47	44.52	28.68	8.72	7.95	11.9	2.918	95.7
663	12/11/2012 12:45:50	11.53	44.75	28.85	8.68	7.95	13.1	2.754	95.6
664	12/11/2012 13:00:50	11.53	44.88	28.94	8.67	7.95	13.4	2.609	95.6
665	12/11/2012 13:15:50	11.46	44.31	28.54	8.73	7.94	12.5	2.453	95.8
666	12/11/2012 13:30:50	11.45	44.40	28.60	8.75	7.95	16.5	2.289	96.1
667	12/11/2012 13:45:50	11.43	44.21	28.47	8.85	7.95	14.7	2.125	97.0
668	12/11/2012 14:00:50	11.34	43.58	28.01	8.88	7.94	21.3	1.968	96.9
669	12/11/2012 14:15:50	11.26	43.37	27.86	8.92	7.94	20.5	1.816	97.1
670	12/11/2012 14:30:50	11.18	42.69	27.37	8.96	7.93	27.4	1.637	97.0
671	12/11/2012 14:45:50	11.09	42.30	27.09	8.96	7.92	22.1	1.465	96.7
672	12/11/2012 15:00:51	11.05	42.01	26.88	8.95	7.92	21.3	1.351	96.3
673	12/11/2012 15:15:51	11.01	41.69	26.66	8.97	7.91	18.0	1.226	96.3
674	12/11/2012 15:30:51	10.98	41.54	26.55	8.98	7.91	20.2	1.106	96.3
675	12/11/2012 15:45:51	10.96	41.43	26.47	8.99	7.91	28.0	1.022	96.4
676	12/11/2012 16:00:51	10.95	41.29	26.37	8.99	7.91	31.4	0.982	96.3
677	12/11/2012 16:15:51	10.97	41.44	26.48	8.98	7.91	19.9	0.941	96.2
678	12/11/2012 16:30:51	10.99	41.61	26.60	8.95	7.91	16.7	1.040	96.1
679	12/11/2012 16:45:51	11.00	41.68	26.65	8.93	7.91	15.8	1.087	95.9
680	12/11/2012 17:00:50	10.99	41.64	26.62	8.92	7.91	14.5	1.171	95.7
681	12/11/2012 17:15:51	10.96	41.50	26.52	8.92	7.91	15.2	1.281	95.6
682	12/11/2012 17:30:51	11.00	41.62	26.61	8.87	7.90	15.1	1.361	95.2
683	12/11/2012 17:45:51	10.96	41.28	26.37	8.87	7.89	15.1	1.451	94.9
684	12/11/2012 18:00:51	11.02	41.67	26.64	8.83	7.90	14.7	1.554	94.8
685	12/11/2012 18:15:51	10.99	41.16	26.28	8.84	7.89	14.2	1.640	94.6
686	12/11/2012 18:30:51	11.03	41.58	26.58	8.78	7.90	14.7	1.741	94.3
687	12/11/2012 18:45:51	11.06	41.65	26.63	8.77	7.90	15.0	1.849	94.3
688	12/11/2012 19:00:51	11.24	43.09	27.65	8.66	7.92	15.8	1.954	94.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	12/11/2012 19:15:51	11.31	43.47	27.93	8.61	7.92	17.8	2.051	93.8
690	12/11/2012 19:30:51	11.31	43.53	27.98	8.60	7.92	19.2	2.160	93.8
691	12/11/2012 19:45:50	11.36	43.59	28.02	8.59	7.92	19.8	2.271	93.8
692	12/11/2012 20:00:50	11.39	44.15	28.42	8.58	7.93	25.2	2.390	93.9
693	12/11/2012 20:15:50	11.42	44.30	28.52	8.56	7.93	24.3	2.484	93.9
694	12/11/2012 20:30:50	11.43	44.34	28.56	8.57	7.93	26.2	2.580	94.0
695	12/11/2012 20:45:50	11.47	44.54	28.70	8.57	7.94	29.5	2.678	94.1
696	12/11/2012 21:00:50	11.50	44.79	28.88	8.56	7.94	32.8	2.766	94.2
697	12/11/2012 21:15:50	11.51	44.79	28.88	8.58	7.94	31.4	2.858	94.5
698	12/11/2012 21:30:50	11.62	45.65	29.50	8.59	7.96	36.3	2.962	95.2
699	12/11/2012 21:45:50	11.71	46.51	30.12	8.60	7.97	35.7	3.020	95.9
700	12/11/2012 22:00:51	11.77	46.78	30.32	8.59	7.97	34.6	3.111	96.0
701	12/11/2012 22:15:50	11.81	47.15	30.58	8.59	7.98	33.3	3.193	96.2
702	12/11/2012 22:30:51	11.84	47.37	30.74	8.59	7.99	22.2	3.238	96.4
703	12/11/2012 22:45:50	11.87	47.54	30.87	8.60	7.99	19.2	3.294	96.6
704	12/11/2012 23:00:50	11.89	47.65	30.95	8.59	7.99	15.5	3.345	96.6
705	12/11/2012 23:15:50	11.92	47.81	31.07	8.57	7.99	14.2	3.367	96.5
706	12/11/2012 23:30:51	11.88	47.74	31.01	8.58	7.99	16.9	3.352	96.5
707	12/11/2012 23:45:50	11.91	47.82	31.07	8.60	7.99	18.0	3.319	96.8
708	12/12/2012 0:00:51	11.68	47.17	30.59	8.60	7.98	34.8	3.273	96.0
709	12/12/2012 0:15:51	11.60	46.93	30.42	8.62	7.97	28.8	3.221	96.0
710	12/12/2012 0:30:50	11.61	47.18	30.60	8.62	7.97	22.0	3.138	96.2
711	12/12/2012 0:45:51	11.53	46.49	30.10	8.65	7.97	21.6	3.036	96.0
712	12/12/2012 1:00:51	11.38	45.58	29.44	8.67	7.95	19.0	2.969	95.5
713	12/12/2012 1:15:50	11.31	45.02	29.03	8.65	7.94	18.8	2.873	94.9
714	12/12/2012 1:30:50	11.29	44.69	28.80	8.62	7.94	17.7	2.785	94.4
715	12/12/2012 1:45:50	11.29	45.24	29.19	8.59	7.94	16.1	2.726	94.3
716	12/12/2012 2:00:51	11.28	44.83	28.90	8.61	7.94	16.9	2.639	94.4
717	12/12/2012 2:15:51	11.17	44.37	28.56	8.64	7.93	16.4	2.576	94.3
718	12/12/2012 2:30:51	11.05	43.92	28.24	8.67	7.92	19.1	2.511	94.1
719	12/12/2012 2:45:50	11.08	44.13	28.39	8.64	7.92	15.4	2.456	93.9
720	12/12/2012 3:00:50	11.00	43.68	28.06	8.66	7.91	16.7	2.395	93.8
721	12/12/2012 3:15:50	10.96	43.45	27.90	8.66	7.91	17.2	2.360	93.7
722	12/12/2012 3:30:51	10.92	43.33	27.81	8.67	7.91	17.5	2.336	93.6
723	12/12/2012 3:45:51	10.93	43.28	27.78	8.66	7.91	18.0	2.308	93.5
724	12/12/2012 4:00:50	11.16	43.85	28.19	8.59	7.92	13.9	2.299	93.5
725	12/12/2012 4:15:50	10.92	43.27	27.77	8.65	7.91	15.9	2.321	93.4
726	12/12/2012 4:30:51	10.79	43.11	27.65	8.67	7.90	15.6	2.347	93.3
727	12/12/2012 4:45:50	10.99	43.72	28.09	8.63	7.91	16.7	2.388	93.5
728	12/12/2012 5:00:51	11.11	44.08	28.35	8.60	7.92	17.8	2.447	93.5
729	12/12/2012 5:15:51	10.99	43.80	28.15	8.63	7.91	17.6	2.511	93.5
730	12/12/2012 5:30:50	11.14	44.26	28.48	8.60	7.92	19.5	2.597	93.7
731	12/12/2012 5:45:51	11.23	44.71	28.81	8.58	7.93	22.1	2.684	93.9
732	12/12/2012 6:00:51	11.17	44.87	28.92	8.61	7.93	19.2	2.765	94.2
733	12/12/2012 6:15:50	11.44	45.77	29.58	8.58	7.95	30.5	2.854	94.7
734	12/12/2012 6:30:50	11.54	46.17	29.87	8.59	7.96	25.6	2.956	95.3
735	12/12/2012 6:45:50	11.61	46.48	30.09	8.60	7.97	25.2	3.056	95.7
736	12/12/2012 7:00:50	11.64	46.53	30.13	8.61	7.97	29.9	3.163	95.8
737	12/12/2012 7:15:50	11.67	46.89	30.39	8.63	7.98	27.4	3.271	96.2
738	12/12/2012 7:30:50	11.68	47.03	30.49	8.62	7.98	26.6	3.389	96.3
739	12/12/2012 7:45:50	11.71	47.36	30.73	8.63	7.99	20.8	3.496	96.6
740	12/12/2012 8:00:50	11.81	47.92	31.14	8.63	8.00	21.4	3.607	97.0
741	12/12/2012 8:15:51	11.89	48.37	31.47	8.65	8.01	22.7	3.717	97.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	12/12/2012 8:30:50	11.96	48.57	31.62	8.68	8.02	20.0	3.816	98.1
743	12/12/2012 8:45:50	12.04	48.83	31.81	8.71	8.02	18.4	3.919	98.7
744	12/12/2012 9:00:51	12.08	49.10	32.00	8.70	8.03	13.7	4.002	98.9
745	12/12/2012 9:15:51	12.10	49.15	32.04	8.69	8.03	13.0	4.090	98.8
746	12/12/2012 9:30:50	12.12	48.91	31.87	8.70	8.03	11.8	4.151	98.9
747	12/12/2012 9:45:50	12.14	49.16	32.05	8.67	8.03	10.5	4.204	98.7
748	12/12/2012 10:00:51	12.14	49.28	32.14	8.64	8.03	9.7	4.242	98.4
749	12/12/2012 10:15:50	12.15	49.33	32.18	8.60	8.03	8.8	4.264	98.0
750	12/12/2012 10:30:50	12.12	49.24	32.11	8.62	8.03	10.7	4.262	98.2
751	12/12/2012 10:45:50	12.11	49.21	32.09	8.62	8.03	13.3	4.218	98.1
752	12/12/2012 11:00:50	12.14	49.10	32.01	8.63	8.03	12.2	4.158	98.2
753	12/12/2012 11:15:51	12.17	48.83	31.82	8.70	8.02	10.5	4.070	99.0
754	12/12/2012 11:30:51	12.07	48.16	31.33	8.69	8.01	11.1	3.970	98.3
755	12/12/2012 11:45:50	11.81	46.76	30.30	8.64	7.98	10.4	3.857	96.6
756	12/12/2012 12:00:51	11.69	46.25	29.93	8.65	7.97	11.4	3.726	96.3
757	12/12/2012 12:15:51	11.65	46.11	29.83	8.62	7.97	12.4	3.583	95.8
758	12/12/2012 12:30:51	11.67	46.12	29.84	8.64	7.97	12.9	3.454	96.1
759	12/12/2012 12:45:50	11.52	45.71	29.54	8.62	7.96	20.5	3.310	95.3
760	12/12/2012 13:00:50	11.44	44.99	29.02	8.64	7.94	18.6	3.158	95.1
761	12/12/2012 13:15:50	11.46	44.92	28.97	8.65	7.94	16.1	3.013	95.1
762	12/12/2012 13:30:50	11.52	45.35	29.28	8.65	7.95	14.3	2.852	95.4
763	12/12/2012 13:45:50	11.43	44.76	28.85	8.68	7.94	15.0	2.684	95.4
764	12/12/2012 14:00:50	11.44	44.87	28.93	8.66	7.94	16.6	2.518	95.3
765	12/12/2012 14:15:50	11.59	44.85	28.93	8.70	7.95	17.0	2.362	96.0
766	12/12/2012 14:30:50	11.57	44.79	28.88	8.74	7.95	19.2	2.198	96.4
767	12/12/2012 14:45:50	11.46	44.63	28.76	8.69	7.94	23.9	2.012	95.5
768	12/12/2012 15:00:50	11.33	44.19	28.44	8.76	7.94	26.0	1.849	95.8
769	12/12/2012 15:15:51	11.31	44.04	28.34	8.81	7.94	26.3	1.672	96.3
770	12/12/2012 15:30:51	11.18	43.53	27.97	8.84	7.93	27.3	1.500	96.1
771	12/12/2012 15:45:50	11.10	43.00	27.59	8.82	7.92	27.1	1.333	95.5
772	12/12/2012 16:00:51	10.99	42.43	27.18	8.86	7.91	30.4	1.188	95.5
773	12/12/2012 16:15:51	10.94	42.27	27.06	8.90	7.91	38.1	1.035	95.7
774	12/12/2012 16:30:51	10.89	41.93	26.82	8.96	7.91	29.4	0.945	96.1
775	12/12/2012 16:45:50	10.88	42.00	26.87	8.96	7.91	30.2	0.837	96.0
776	12/12/2012 17:00:51	10.87	42.15	26.97	8.91	7.91	25.8	0.786	95.6
777	12/12/2012 17:15:51	10.87	42.03	26.89	8.93	7.91	24.8	0.845	95.7
778	12/12/2012 17:30:50	10.89	42.09	26.94	8.87	7.90	25.3	0.907	95.1
779	12/12/2012 17:45:50	10.91	42.10	26.94	8.85	7.91	20.6	1.027	95.0
780	12/12/2012 18:00:51	10.89	42.34	27.11	8.82	7.91	18.8	1.097	94.7
781	12/12/2012 18:15:51	10.76	41.07	26.21	8.82	7.88	17.3	1.225	93.9
782	12/12/2012 18:30:51	10.84	41.22	26.32	8.77	7.88	17.3	1.320	93.6
783	12/12/2012 18:45:51	10.89	41.43	26.47	8.73	7.88	16.9	1.403	93.4
784	12/12/2012 19:00:51	10.93	41.71	26.66	8.70	7.89	16.6	1.503	93.3
785	12/12/2012 19:15:50	10.93	41.61	26.60	8.68	7.89	16.5	1.617	93.0
786	12/12/2012 19:30:50	11.00	42.07	26.92	8.62	7.89	17.8	1.711	92.7
787	12/12/2012 19:45:51	11.11	42.60	27.30	8.54	7.90	17.5	1.828	92.4
788	12/12/2012 20:00:51	11.24	43.62	28.04	8.46	7.91	21.3	1.963	92.1
789	12/12/2012 20:15:51	11.24	43.53	27.97	8.45	7.91	20.7	2.071	92.0
790	12/12/2012 20:30:51	11.30	43.95	28.27	8.43	7.91	23.2	2.193	92.0
791	12/12/2012 20:45:51	11.31	44.17	28.43	8.42	7.91	26.4	2.319	92.0
792	12/12/2012 21:00:50	11.34	44.04	28.34	8.43	7.92	28.5	2.443	92.1
793	12/12/2012 21:15:50	11.35	44.69	28.80	8.41	7.92	36.0	2.539	92.3
794	12/12/2012 21:30:50	11.35	44.56	28.71	8.43	7.93	32.3	2.657	92.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	12/12/2012 21:45:50	11.38	44.86	28.92	8.45	7.94	35.4	2.766	92.8
796	12/12/2012 22:00:50	11.46	45.33	29.26	8.45	7.94	32.2	2.859	93.2
797	12/12/2012 22:15:50	11.57	46.47	30.08	8.67	7.96	32.2	2.952	96.3
798	12/12/2012 22:30:51	11.63	46.92	30.41	8.78	7.97	31.9	3.044	97.8
799	12/12/2012 22:45:51	11.71	47.56	30.88	8.87	7.98	36.1	3.155	99.3
800	12/12/2012 23:00:51	11.73	48.14	31.30	8.88	7.99	28.5	3.230	99.7
801	12/12/2012 23:15:50	11.74	48.24	31.37	8.87	7.99	22.7	3.316	99.7
802	12/12/2012 23:30:51	11.76	48.60	31.63	8.86	8.00	19.1	3.365	99.8
803	12/12/2012 23:45:51	11.78	48.74	31.73	8.86	8.00	14.6	3.416	99.9
804	12/13/2012 0:00:51	11.82	48.89	31.84	8.86	8.01	13.2	3.425	100.0
805	12/13/2012 0:15:51	11.80	48.90	31.85	8.83	8.00	13.9	3.457	99.7
806	12/13/2012 0:30:50	11.83	48.72	31.72	8.85	8.00	15.0	3.423	99.8
807	12/13/2012 0:45:50	11.80	48.66	31.67	8.85	8.00	13.4	3.400	99.8
808	12/13/2012 1:00:50	11.57	48.11	31.27	8.72	7.98	15.6	3.335	97.5
809	12/13/2012 1:15:50	11.44	47.38	30.74	8.65	7.97	16.9	3.253	96.2
810	12/13/2012 1:30:50	11.47	47.13	30.56	8.64	7.97	18.7	3.157	96.1
811	12/13/2012 1:45:51	11.23	46.27	29.92	8.60	7.96	21.8	3.098	94.8
812	12/13/2012 2:00:51	11.28	46.37	30.00	8.58	7.96	15.7	2.991	94.7
813	12/13/2012 2:15:51	11.29	46.49	30.09	8.58	7.96	14.5	2.899	94.8
814	12/13/2012 2:30:51	11.17	46.12	29.82	8.56	7.95	15.0	2.806	94.1
815	12/13/2012 2:45:50	11.10	45.67	29.49	8.60	7.94	15.1	2.741	94.3
816	12/13/2012 3:00:51	10.99	45.04	29.03	8.54	7.94	13.8	2.673	93.1
817	12/13/2012 3:15:50	10.92	45.67	29.48	8.50	7.94	12.3	2.580	92.7
818	12/13/2012 3:30:51	10.80	44.40	28.57	8.52	7.92	12.3	2.514	92.2
819	12/13/2012 3:45:50	10.65	43.85	28.17	8.52	7.91	12.3	2.463	91.7
820	12/13/2012 4:00:51	10.50	44.54	28.65	8.54	7.92	12.5	2.397	91.9
821	12/13/2012 4:15:50	10.45	43.95	28.23	8.54	7.91	12.1	2.371	91.5
822	12/13/2012 4:30:50	10.48	43.80	28.13	8.51	7.90	12.5	2.338	91.2
823	12/13/2012 4:45:50	10.46	43.72	28.07	8.53	7.91	13.0	2.276	91.3
824	12/13/2012 5:00:50	10.47	43.84	28.16	8.46	7.90	11.1	2.263	90.6
825	12/13/2012 5:15:50	10.52	43.98	28.26	8.49	7.91	11.4	2.270	91.2
826	12/13/2012 5:30:50	10.26	43.65	28.01	8.51	7.90	12.0	2.346	90.7
827	12/13/2012 5:45:51	10.70	44.18	28.41	8.50	7.91	12.8	2.375	91.6
828	12/13/2012 6:00:50	10.71	44.49	28.63	8.53	7.92	15.7	2.443	92.1
829	12/13/2012 6:15:50	10.81	44.43	28.59	8.53	7.92	13.6	2.523	92.3
830	12/13/2012 6:30:51	10.98	45.08	29.07	8.53	7.93	17.0	2.600	93.0
831	12/13/2012 6:45:51	10.84	44.93	28.95	8.57	7.93	13.9	2.698	93.0
832	12/13/2012 7:00:50	10.99	45.51	29.37	8.61	7.94	16.6	2.798	94.0
833	12/13/2012 7:15:51	11.13	46.23	29.89	8.63	7.95	22.4	2.883	94.8
834	12/13/2012 7:30:50	11.18	46.46	30.06	8.67	7.96	18.1	2.986	95.4
835	12/13/2012 7:45:51	11.26	46.83	30.33	8.68	7.96	18.9	3.096	95.9
836	12/13/2012 8:00:51	11.30	47.18	30.58	8.72	7.97	20.6	3.209	96.6
837	12/13/2012 8:15:51	11.35	47.46	30.79	8.76	7.98	23.7	3.318	97.2
838	12/13/2012 8:30:51	11.32	47.75	31.00	8.78	7.98	20.0	3.433	97.6
839	12/13/2012 8:45:51	11.37	48.26	31.37	8.80	7.99	19.4	3.531	98.1
840	12/13/2012 9:00:51	11.45	48.53	31.56	8.82	8.00	18.9	3.639	98.6
841	12/13/2012 9:15:50	11.60	48.85	31.80	8.89	8.01	19.6	3.756	99.9
842	12/13/2012 9:30:50	11.72	49.08	31.98	8.99	8.02	16.4	3.850	101.4
843	12/13/2012 9:45:50	11.74	49.52	32.30	8.98	8.02	17.6	3.960	101.5
844	12/13/2012 10:00:51	11.75	49.53	32.31	8.98	8.02	13.6	4.042	101.5
845	12/13/2012 10:15:51	11.76	49.76	32.47	8.95	8.02	12.8	4.117	101.4
846	12/13/2012 10:30:51	11.77	49.55	32.32	8.95	8.02	11.6	4.179	101.2
847	12/13/2012 10:45:51	11.77	49.77	32.48	8.93	8.02	11.1	4.239	101.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	12/13/2012 11:00:50	11.77	49.55	32.32	8.94	8.02	10.0	4.259	101.1
849	12/13/2012 11:15:50	11.73	49.27	32.11	8.90	8.02	12.2	4.278	100.4
850	12/13/2012 11:30:50	11.74	49.63	32.38	8.88	8.02	12.3	4.238	100.5
851	12/13/2012 11:45:50	11.76	49.37	32.19	8.90	8.02	12.7	4.191	100.6
852	12/13/2012 12:00:50	11.86	49.23	32.09	8.95	8.02	10.9	4.126	101.3
853	12/13/2012 12:15:51	11.88	49.40	32.21	8.91	8.02	10.4	4.012	100.9
854	12/13/2012 12:30:50	11.66	47.82	31.06	8.79	7.99	10.2	3.902	98.4
855	12/13/2012 12:45:51	11.66	47.98	31.17	8.75	7.99	9.8	3.775	98.1
856	12/13/2012 13:00:51	11.59	47.59	30.89	8.74	7.98	11.5	3.634	97.7
857	12/13/2012 13:15:51	11.53	47.29	30.67	8.71	7.98	13.9	3.481	97.1
858	12/13/2012 13:30:50	11.33	46.50	30.10	8.66	7.96	18.0	3.337	95.7
859	12/13/2012 13:45:50	11.23	46.09	29.79	8.66	7.96	16.6	3.185	95.3
860	12/13/2012 14:00:51	11.20	45.93	29.68	8.64	7.95	14.6	3.034	95.0
861	12/13/2012 14:15:50	11.28	45.85	29.62	8.65	7.96	13.4	2.877	95.3
862	12/13/2012 14:30:51	11.24	45.73	29.54	8.70	7.95	14.2	2.705	95.6
863	12/13/2012 14:45:51	11.33	45.85	29.63	8.62	7.95	14.9	2.547	95.0
864	12/13/2012 15:00:51	11.32	45.39	29.30	8.63	7.95	15.7	2.398	94.9
865	12/13/2012 15:15:51	11.20	45.64	29.47	8.69	7.95	18.4	2.192	95.4
866	12/13/2012 15:30:51	11.10	45.50	29.37	8.69	7.95	19.8	2.013	95.2
867	12/13/2012 15:45:51	11.03	45.19	29.15	8.72	7.95	23.3	1.846	95.1
868	12/13/2012 16:00:51	10.97	44.82	28.88	8.74	7.95	22.2	1.680	95.1
869	12/13/2012 16:15:51	10.79	44.28	28.48	8.73	7.93	23.0	1.477	94.3
870	12/13/2012 16:30:51	10.65	43.79	28.13	8.69	7.92	21.6	1.307	93.5
871	12/13/2012 16:45:50	10.53	43.16	27.67	8.70	7.91	22.8	1.141	93.1
872	12/13/2012 17:00:51	10.52	43.21	27.71	8.71	7.92	21.9	0.983	93.1
873	12/13/2012 17:15:51	10.36	42.91	27.49	8.76	7.91	20.2	0.850	93.2
874	12/13/2012 17:30:50	10.26	42.68	27.32	8.79	7.91	18.3	0.720	93.3
875	12/13/2012 17:45:51	10.36	43.03	27.57	8.69	7.91	18.6	0.691	92.5
876	12/13/2012 18:00:50	10.30	42.77	27.39	8.76	7.91	16.1	0.720	93.0
877	12/13/2012 18:15:51	10.30	42.85	27.44	8.76	7.91	14.4	0.805	93.1
878	12/13/2012 18:30:51	10.34	42.97	27.53	8.69	7.91	14.4	0.933	92.5
879	12/13/2012 18:45:50	10.22	42.51	27.20	8.70	7.90	13.9	1.054	92.2
880	12/13/2012 19:00:51	10.18	42.42	27.14	8.68	7.90	13.8	1.141	91.9
881	12/13/2012 19:15:51	10.24	41.93	26.79	8.66	7.89	14.5	1.243	91.6
882	12/13/2012 19:30:50	10.27	41.95	26.81	8.63	7.89	14.2	1.327	91.3
883	12/13/2012 19:45:50	10.34	42.26	27.03	8.59	7.89	13.6	1.424	91.1
884	12/13/2012 20:00:51	10.37	42.48	27.19	8.56	7.90	13.6	1.532	91.0
885	12/13/2012 20:15:50	10.41	42.27	27.04	8.56	7.90	14.2	1.631	91.0
886	12/13/2012 20:30:51	10.60	43.13	27.66	8.49	7.91	14.6	1.743	91.0
887	12/13/2012 20:45:50	10.77	43.98	28.27	8.43	7.92	16.9	1.861	91.0
888	12/13/2012 21:00:50	10.87	44.33	28.52	8.39	7.92	18.2	2.002	90.9
889	12/13/2012 21:15:50	10.88	44.51	28.65	8.37	7.92	20.2	2.131	90.8
890	12/13/2012 21:30:51	10.89	44.70	28.78	8.36	7.92	22.2	2.264	90.8
891	12/13/2012 21:45:51	10.89	44.71	28.79	8.38	7.92	23.6	2.403	91.0
892	12/13/2012 22:00:50	10.98	45.33	29.24	8.40	7.93	24.9	2.514	91.6
893	12/13/2012 22:15:51	11.04	45.65	29.47	8.40	7.94	30.8	2.626	91.9
894	12/13/2012 22:30:51	11.08	45.98	29.71	8.43	7.95	31.8	2.744	92.5
895	12/13/2012 22:45:50	11.14	46.55	30.12	8.55	7.96	30.1	2.834	94.2
896	12/13/2012 23:00:51	11.22	47.17	30.57	8.66	7.97	28.6	2.941	95.7
897	12/13/2012 23:15:51	11.27	47.47	30.79	8.68	7.98	26.3	3.039	96.2
898	12/13/2012 23:30:51	11.35	48.04	31.21	8.69	7.99	25.0	3.143	96.7
899	12/13/2012 23:45:50	11.41	48.40	31.47	8.65	7.99	22.7	3.233	96.6
900	12/14/2012 0:00:50	11.45	48.87	31.81	8.61	8.00	20.2	3.315	96.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	12/14/2012 0:15:50	11.48	49.17	32.03	8.56	8.00	18.8	3.403	96.0
902	12/14/2012 0:30:50	11.49	49.27	32.10	8.52	8.00	17.1	3.444	95.7
903	12/14/2012 0:45:50	11.49	49.29	32.11	8.49	8.00	14.8	3.494	95.3
904	12/14/2012 1:00:51	11.49	49.69	32.40	8.39	8.00	13.7	3.519	94.4
905	12/14/2012 1:15:51	11.47	49.44	32.22	8.41	8.00	15.6	3.511	94.5
906	12/14/2012 1:30:50	11.48	49.44	32.22	8.39	8.00	15.4	3.484	94.2
907	12/14/2012 1:45:51	11.20	48.39	31.45	8.51	7.98	18.6	3.426	94.7
908	12/14/2012 2:00:50	11.37	48.98	31.88	8.48	7.99	17.1	3.354	94.8
909	12/14/2012 2:15:51	11.13	47.82	31.04	8.48	7.98	13.5	3.274	93.9
910	12/14/2012 2:30:51	11.07	47.37	30.71	8.51	7.97	14.8	3.171	93.9
911	12/14/2012 2:45:50	11.04	47.10	30.51	8.49	7.96	13.4	3.081	93.5
912	12/14/2012 3:00:51	11.07	47.21	30.59	8.49	7.97	12.3	2.969	93.6
913	12/14/2012 3:15:51	11.01	46.85	30.33	8.47	7.96	12.8	2.878	93.1
914	12/14/2012 3:30:51	10.89	46.21	29.86	8.48	7.95	14.7	2.783	92.7
915	12/14/2012 3:45:51	10.89	46.39	29.99	8.48	7.95	12.7	2.701	92.8
916	12/14/2012 4:00:51	10.75	45.77	29.54	8.45	7.94	12.1	2.619	91.9
917	12/14/2012 4:15:51	10.70	45.61	29.42	8.48	7.94	11.8	2.537	92.1
918	12/14/2012 4:30:50	10.63	45.76	29.53	8.45	7.94	10.5	2.480	91.6
919	12/14/2012 4:45:51	10.50	45.28	29.18	8.45	7.93	10.5	2.413	91.2
920	12/14/2012 5:00:51	10.41	44.76	28.81	8.44	7.92	10.6	2.356	90.7
921	12/14/2012 5:15:50	10.38	44.46	28.59	8.43	7.92	10.5	2.321	90.4
922	12/14/2012 5:30:50	10.34	44.59	28.68	8.41	7.91	10.5	2.279	90.2
923	12/14/2012 5:45:51	10.35	44.42	28.56	8.39	7.92	10.4	2.262	89.9
924	12/14/2012 6:00:51	10.56	44.98	28.97	8.39	7.92	10.3	2.277	90.6
925	12/14/2012 6:15:51	10.18	44.32	28.48	8.43	7.91	9.3	2.281	90.0
926	12/14/2012 6:30:51	10.38	44.59	28.68	8.42	7.91	10.2	2.317	90.4
927	12/14/2012 6:45:51	10.55	44.90	28.91	8.42	7.92	10.8	2.378	90.9
928	12/14/2012 7:00:51	10.41	44.66	28.73	8.46	7.92	11.1	2.446	90.8
929	12/14/2012 7:15:50	10.55	44.76	28.81	8.44	7.92	12.0	2.523	91.0
930	12/14/2012 7:30:51	10.71	45.64	29.45	8.45	7.94	14.4	2.610	91.8
931	12/14/2012 7:45:51	10.76	45.92	29.65	8.47	7.94	15.5	2.717	92.2
932	12/14/2012 8:00:50	10.86	46.37	29.98	8.47	7.95	15.5	2.802	92.6
933	12/14/2012 8:15:50	10.97	46.84	30.32	8.50	7.96	16.4	2.892	93.3
934	12/14/2012 8:30:51	11.03	47.22	30.60	8.49	7.96	17.3	2.998	93.6
935	12/14/2012 8:45:51	11.05	47.36	30.70	8.49	7.97	18.1	3.097	93.6
936	12/14/2012 9:00:51	11.06	47.59	30.87	8.48	7.97	19.4	3.209	93.7
937	12/14/2012 9:15:50	11.13	48.03	31.18	8.46	7.97	18.8	3.322	93.7
938	12/14/2012 9:30:51	11.15	48.51	31.54	8.42	7.98	18.2	3.436	93.6
939	12/14/2012 9:45:51	11.23	48.80	31.75	8.40	7.98	18.0	3.546	93.6
940	12/14/2012 10:00:51	11.25	49.07	31.94	8.37	7.98	19.2	3.658	93.4
941	12/14/2012 10:15:51	11.29	49.36	32.15	8.36	7.99	18.2	3.762	93.5
942	12/14/2012 10:30:50	11.33	49.47	32.24	8.34	7.99	19.2	3.860	93.4
943	12/14/2012 10:45:50	11.35	49.60	32.33	8.32	7.99	20.0	3.958	93.3
944	12/14/2012 11:00:50	11.37	49.63	32.35	8.31	7.99	18.8	4.032	93.2
945	12/14/2012 11:15:50	11.39	49.66	32.38	8.29	7.99	15.5	4.107	93.1
946	12/14/2012 11:30:50	11.42	49.75	32.45	8.27	8.00	15.9	4.170	92.9
Mean		11.73	42.18	27.04	8.68	7.92	16.60	2.70	94.90
Minimum		10.18	35.82	22.60	8.27	7.78	8.80	0.69	89.90
Maximum		13.01	49.77	32.48	9.47	8.03	47.20	4.28	102.20

Parameter	Criteria	Source

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #		Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
Dissolved Oxygen		6.0 mg/L (min)								NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH		7.0 - 8.5 (range)								NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	12/14/2012 12:16:33	11.35	49.70	32.40	8.46	7.94	12.1	4.272	94.9
1	12/14/2012 12:31:33	11.39	49.58	32.32	8.59	7.95	13.1	4.236	96.4
2	12/14/2012 12:46:33	11.50	49.58	32.32	8.60	7.96	10.5	4.162	96.7
3	12/14/2012 13:01:33	11.45	49.42	32.21	8.59	7.96	9.9	4.074	96.5
4	12/14/2012 13:16:33	11.46	49.31	32.13	8.57	7.96	10.6	3.956	96.3
5	12/14/2012 13:31:33	11.40	48.79	31.75	8.61	7.95	9.8	3.819	96.3
6	12/14/2012 13:46:33	11.33	48.24	31.35	8.63	7.95	11.5	3.685	96.1
7	12/14/2012 14:01:33	11.28	47.54	30.84	8.65	7.94	12.8	3.554	96.0
8	12/14/2012 14:16:33	11.24	47.95	31.14	8.65	7.95	12.0	3.392	96.0
9	12/14/2012 14:31:33	11.04	46.75	30.26	8.66	7.93	16.6	3.251	95.2
10	12/14/2012 14:46:33	11.02	46.43	30.03	8.66	7.93	13.5	3.092	95.1
11	12/14/2012 15:01:33	11.11	46.81	30.31	8.66	7.94	15.9	2.942	95.4
12	12/14/2012 15:16:33	11.06	46.84	30.33	8.68	7.94	19.5	2.787	95.5
13	12/14/2012 15:31:33	11.03	46.63	30.17	8.69	7.94	22.0	2.617	95.4
14	12/14/2012 15:46:33	10.88	46.25	29.89	8.71	7.93	22.2	2.452	95.2
15	12/14/2012 16:01:33	10.83	46.43	30.02	8.77	7.94	25.4	2.272	95.8
16	12/14/2012 16:16:33	10.74	46.10	29.78	8.72	7.93	30.5	2.100	95.0
17	12/14/2012 16:31:33	10.66	45.73	29.51	8.73	7.92	36.4	1.934	94.7
18	12/14/2012 16:46:33	10.57	45.34	29.23	8.79	7.93	37.6	1.742	95.1
19	12/14/2012 17:01:33	10.47	44.89	28.90	8.77	7.92	40.4	1.561	94.4
20	12/14/2012 17:16:33	10.39	44.49	28.61	8.73	7.90	39.2	1.376	93.6
21	12/14/2012 17:31:33	10.27	44.16	28.37	8.71	7.89	39.4	1.205	93.0
22	12/14/2012 17:46:33	10.18	43.92	28.20	8.69	7.88	36.1	1.059	92.5
23	12/14/2012 18:01:33	10.08	43.76	28.08	8.70	7.88	31.0	0.911	92.4
24	12/14/2012 18:16:33	9.91	43.51	27.89	8.69	7.87	25.1	0.816	91.9
25	12/14/2012 18:31:33	10.01	43.68	28.02	8.65	7.88	24.2	0.765	91.7
26	12/14/2012 18:46:33	10.06	43.75	28.07	8.70	7.88	22.2	0.815	92.4
27	12/14/2012 19:01:33	10.07	43.81	28.11	8.71	7.89	19.2	0.886	92.5
28	12/14/2012 19:16:33	10.08	43.85	28.14	8.69	7.89	18.5	0.997	92.3
29	12/14/2012 19:31:33	10.07	43.87	28.15	8.71	7.89	17.1	1.145	92.5
30	12/14/2012 19:46:33	10.02	43.42	27.83	8.72	7.88	16.9	1.226	92.4
31	12/14/2012 20:01:33	10.00	42.85	27.42	8.75	7.87	17.3	1.318	92.4
32	12/14/2012 20:16:33	10.04	42.86	27.44	8.75	7.87	16.4	1.416	92.4
33	12/14/2012 20:31:33	10.04	43.03	27.55	8.72	7.87	15.5	1.495	92.2
34	12/14/2012 20:46:33	10.10	43.12	27.63	8.72	7.88	14.9	1.589	92.4
35	12/14/2012 21:01:33	10.16	43.24	27.71	8.72	7.88	15.9	1.698	92.6
36	12/14/2012 21:16:33	10.29	43.71	28.05	8.72	7.89	16.2	1.819	93.0
37	12/14/2012 21:31:33	10.49	44.57	28.68	8.67	7.91	17.9	1.937	93.2
38	12/14/2012 21:46:33	10.60	44.94	28.94	8.65	7.92	20.6	2.057	93.4
39	12/14/2012 22:01:33	10.64	45.30	29.20	8.63	7.92	21.7	2.201	93.4
40	12/14/2012 22:16:33	10.61	45.33	29.22	8.63	7.92	27.1	2.329	93.3
41	12/14/2012 22:31:34	10.66	45.65	29.45	8.62	7.93	33.5	2.461	93.5
42	12/14/2012 22:46:33	10.68	45.90	29.64	8.63	7.93	29.2	2.576	93.8
43	12/14/2012 23:01:33	10.75	46.19	29.85	8.62	7.94	30.0	2.695	93.9
44	12/14/2012 23:16:33	10.79	46.53	30.09	8.62	7.94	35.9	2.808	94.2
45	12/14/2012 23:31:34	10.82	47.05	30.47	8.68	7.96	27.2	2.907	95.1
46	12/14/2012 23:46:34	10.91	47.70	30.94	8.74	7.97	27.1	3.014	96.3
47	12/15/2012 0:01:33	10.94	47.97	31.13	8.73	7.97	30.3	3.106	96.3
48	12/15/2012 0:16:33	11.02	48.32	31.39	8.74	7.98	27.3	3.215	96.8
49	12/15/2012 0:31:33	11.11	48.60	31.60	8.80	7.99	24.6	3.312	97.7
50	12/15/2012 0:46:33	11.22	48.91	31.83	8.85	8.00	22.4	3.397	98.6
51	12/15/2012 1:01:33	11.29	49.19	32.03	8.81	8.01	20.1	3.486	98.5
52	12/15/2012 1:16:33	11.28	49.32	32.13	8.74	8.01	17.3	3.554	97.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	12/15/2012 1:31:33	11.29	49.53	32.28	8.63	8.01	14.5	3.608	96.6
54	12/15/2012 1:46:33	11.26	49.62	32.34	8.52	8.01	10.3	3.622	95.4
55	12/15/2012 2:01:33	11.24	49.45	32.22	8.58	8.00	13.1	3.632	95.9
56	12/15/2012 2:16:33	11.26	49.64	32.36	8.53	8.00	13.6	3.611	95.5
57	12/15/2012 2:31:33	11.28	49.61	32.33	8.55	8.01	14.7	3.549	95.7
58	12/15/2012 2:46:34	10.77	48.21	31.30	8.73	7.98	13.8	3.470	96.1
59	12/15/2012 3:01:33	10.69	47.96	31.11	8.76	7.98	16.9	3.381	96.1
60	12/15/2012 3:16:34	10.70	47.96	31.11	8.73	7.98	14.6	3.286	95.8
61	12/15/2012 3:31:33	10.65	47.55	30.82	8.69	7.96	15.6	3.176	95.1
62	12/15/2012 3:46:33	10.63	47.50	30.78	8.66	7.96	13.3	3.063	94.6
63	12/15/2012 4:01:33	10.58	47.33	30.65	8.65	7.96	12.5	2.972	94.4
64	12/15/2012 4:16:33	10.53	47.13	30.51	8.64	7.95	11.9	2.878	94.1
65	12/15/2012 4:31:33	10.54	47.28	30.62	8.64	7.95	14.4	2.783	94.2
66	12/15/2012 4:46:34	10.40	46.64	30.14	8.65	7.95	12.8	2.726	93.7
67	12/15/2012 5:01:33	10.34	46.36	29.94	8.67	7.94	11.5	2.612	93.7
68	12/15/2012 5:16:34	10.17	45.90	29.60	8.69	7.93	11.2	2.555	93.4
69	12/15/2012 5:31:33	10.14	45.74	29.49	8.68	7.93	10.8	2.506	93.1
70	12/15/2012 5:46:33	10.02	45.65	29.41	8.66	7.92	10.2	2.430	92.6
71	12/15/2012 6:01:33	10.00	45.41	29.24	8.66	7.92	10.3	2.381	92.5
72	12/15/2012 6:16:33	9.97	45.43	29.26	8.66	7.92	10.0	2.333	92.4
73	12/15/2012 6:31:33	9.87	45.21	29.10	8.67	7.91	10.2	2.300	92.2
74	12/15/2012 6:46:33	9.84	45.07	28.99	8.61	7.91	9.4	2.299	91.4
75	12/15/2012 7:01:33	9.98	45.43	29.26	8.60	7.92	9.8	2.282	91.8
76	12/15/2012 7:16:33	9.69	44.78	28.78	8.71	7.91	9.4	2.305	92.1
77	12/15/2012 7:31:33	9.77	45.03	28.96	8.74	7.91	9.6	2.355	92.7
78	12/15/2012 7:46:33	10.03	45.66	29.42	8.60	7.91	10.9	2.406	92.0
79	12/15/2012 8:01:34	9.84	45.19	29.08	8.73	7.92	10.4	2.470	92.8
80	12/15/2012 8:16:33	9.89	45.32	29.18	8.70	7.91	11.7	2.552	92.6
81	12/15/2012 8:31:33	10.07	45.81	29.54	8.68	7.93	13.1	2.635	93.0
82	12/15/2012 8:46:33	10.07	45.99	29.66	8.70	7.93	12.5	2.718	93.3
83	12/15/2012 9:01:33	10.37	46.83	30.28	8.65	7.95	15.1	2.813	93.7
84	12/15/2012 9:16:33	10.46	47.15	30.51	8.70	7.96	15.1	2.898	94.7
85	12/15/2012 9:31:33	10.54	47.37	30.68	8.71	7.96	14.1	3.000	95.0
86	12/15/2012 9:46:33	10.63	47.74	30.95	8.69	7.97	17.0	3.099	95.1
87	12/15/2012 10:01:33	10.71	48.10	31.22	8.65	7.98	18.4	3.195	95.0
88	12/15/2012 10:16:33	10.78	48.39	31.43	8.61	7.98	19.7	3.305	94.8
89	12/15/2012 10:31:34	10.81	48.75	31.69	8.57	7.99	19.5	3.403	94.6
90	12/15/2012 10:46:33	10.87	49.02	31.89	8.52	7.99	18.9	3.515	94.3
91	12/15/2012 11:01:34	10.89	49.20	32.02	8.50	8.00	18.7	3.622	94.2
92	12/15/2012 11:16:34	10.93	49.46	32.21	8.47	8.00	19.0	3.720	94.0
93	12/15/2012 11:31:34	10.95	49.60	32.31	8.43	8.00	19.1	3.816	93.7
94	12/15/2012 11:46:34	10.98	49.75	32.42	8.39	8.00	17.9	3.904	93.4
95	12/15/2012 12:01:33	10.98	49.77	32.44	8.37	8.00	16.2	3.985	93.2
96	12/15/2012 12:16:33	11.03	49.86	32.50	8.34	8.00	14.6	4.049	93.0
97	12/15/2012 12:31:33	11.00	49.91	32.54	8.31	8.00	11.5	4.105	92.6
98	12/15/2012 12:46:33	11.02	49.96	32.58	8.24	8.00	9.0	4.128	91.9
99	12/15/2012 13:01:33	10.94	49.67	32.36	8.32	8.00	10.7	4.138	92.6
100	12/15/2012 13:16:33	10.99	49.80	32.46	8.29	8.00	12.6	4.138	92.4
101	12/15/2012 13:31:33	11.01	49.86	32.50	8.31	8.00	14.7	4.063	92.6
102	12/15/2012 13:46:34	10.95	49.64	32.34	8.38	8.00	14.2	3.996	93.1
103	12/15/2012 14:01:33	10.87	49.39	32.15	8.49	8.00	14.5	3.914	94.2
104	12/15/2012 14:16:34	10.68	48.75	31.68	8.65	7.99	11.5	3.776	95.2
105	12/15/2012 14:31:34	10.59	48.44	31.45	8.71	7.98	16.4	3.651	95.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	12/15/2012 14:46:33	10.58	48.26	31.32	8.73	7.98	13.8	3.514	95.7
107	12/15/2012 15:01:33	10.41	47.72	30.92	8.79	7.97	13.3	3.377	95.7
108	12/15/2012 15:16:34	10.43	47.65	30.87	8.79	7.97	12.8	3.231	95.8
109	12/15/2012 15:31:33	10.44	47.75	30.95	8.78	7.97	13.0	3.100	95.7
110	12/15/2012 15:46:34	10.37	47.46	30.73	8.81	7.97	13.3	2.933	95.8
111	12/15/2012 16:01:34	10.32	47.47	30.74	8.81	7.97	15.2	2.774	95.7
112	12/15/2012 16:16:33	10.38	47.21	30.56	8.81	7.97	15.5	2.636	95.7
113	12/15/2012 16:31:34	10.34	47.49	30.76	8.81	7.97	15.6	2.479	95.7
114	12/15/2012 16:46:33	10.13	46.72	30.19	8.87	7.95	17.8	2.293	95.5
115	12/15/2012 17:01:33	10.03	46.45	29.99	8.87	7.94	22.3	2.151	95.2
116	12/15/2012 17:16:34	9.99	46.29	29.87	8.89	7.94	21.6	1.985	95.2
117	12/15/2012 17:31:34	9.94	46.39	29.94	8.87	7.94	22.7	1.814	95.1
118	12/15/2012 17:46:33	9.80	45.83	29.53	8.91	7.92	23.3	1.660	95.0
119	12/15/2012 18:01:34	9.64	45.33	29.17	8.96	7.92	23.2	1.482	94.9
120	12/15/2012 18:16:34	9.52	44.89	28.85	8.99	7.91	21.9	1.330	94.7
121	12/15/2012 18:31:34	9.47	44.80	28.78	8.98	7.90	21.4	1.185	94.5
122	12/15/2012 18:46:34	9.39	44.63	28.66	8.98	7.90	23.0	1.063	94.3
123	12/15/2012 19:01:34	9.32	44.51	28.56	8.98	7.89	22.7	0.956	94.1
124	12/15/2012 19:16:34	9.33	44.55	28.60	8.90	7.89	25.0	0.898	93.3
125	12/15/2012 19:31:33	9.36	44.62	28.64	8.98	7.89	18.5	0.933	94.2
126	12/15/2012 19:46:34	9.42	44.72	28.72	8.97	7.90	15.9	0.992	94.3
127	12/15/2012 20:01:34	9.44	44.75	28.74	8.98	7.90	14.0	1.106	94.4
128	12/15/2012 20:16:34	9.43	44.74	28.74	8.99	7.90	12.0	1.211	94.5
129	12/15/2012 20:31:34	9.38	44.41	28.50	9.01	7.90	12.2	1.324	94.4
130	12/15/2012 20:46:34	9.28	43.57	27.90	9.04	7.89	12.5	1.427	94.2
131	12/15/2012 21:01:34	9.10	42.94	27.44	9.09	7.87	11.4	1.508	94.0
132	12/15/2012 21:16:33	9.40	44.26	28.39	8.98	7.89	12.3	1.605	94.1
133	12/15/2012 21:31:33	9.41	44.22	28.36	8.98	7.89	11.7	1.719	94.1
134	12/15/2012 21:46:34	9.52	44.64	28.67	8.96	7.90	13.4	1.797	94.3
135	12/15/2012 22:01:34	9.59	44.66	28.69	8.94	7.91	12.5	1.912	94.2
136	12/15/2012 22:16:34	9.78	45.50	29.30	8.87	7.92	13.4	2.034	94.3
137	12/15/2012 22:31:34	9.76	45.38	29.21	8.88	7.92	14.4	2.138	94.3
138	12/15/2012 22:46:34	9.75	45.43	29.25	8.90	7.92	17.2	2.271	94.5
139	12/15/2012 23:01:33	9.79	45.70	29.44	8.88	7.92	19.5	2.385	94.5
140	12/15/2012 23:16:33	9.92	46.19	29.79	8.85	7.93	20.7	2.510	94.6
141	12/15/2012 23:31:33	10.00	46.42	29.97	8.82	7.93	22.2	2.621	94.7
142	12/15/2012 23:46:33	10.08	46.65	30.14	8.80	7.94	25.2	2.730	94.7
143	12/16/2012 0:01:33	10.16	46.98	30.38	8.80	7.95	25.0	2.837	95.0
144	12/16/2012 0:16:33	10.27	47.39	30.68	8.78	7.96	27.7	2.947	95.2
145	12/16/2012 0:31:34	10.40	48.22	31.28	8.72	7.97	27.7	3.055	95.1
146	12/16/2012 0:46:33	10.45	48.53	31.51	8.68	7.97	26.9	3.162	95.0
147	12/16/2012 1:01:33	10.50	48.84	31.73	8.65	7.98	25.2	3.266	94.9
148	12/16/2012 1:16:33	10.54	49.23	32.02	8.57	7.98	22.0	3.366	94.3
149	12/16/2012 1:31:33	10.56	49.59	32.28	8.48	7.98	19.4	3.462	93.5
150	12/16/2012 1:46:33	10.57	49.81	32.44	8.39	7.97	18.3	3.549	92.6
151	12/16/2012 2:01:33	10.59	49.93	32.53	8.35	7.98	16.1	3.620	92.2
152	12/16/2012 2:16:33	10.59	50.02	32.60	8.30	7.97	13.1	3.677	91.7
153	12/16/2012 2:31:33	10.60	50.07	32.63	8.25	7.97	10.4	3.705	91.2
154	12/16/2012 2:46:34	10.55	49.75	32.39	8.32	7.97	12.1	3.718	91.7
155	12/16/2012 3:01:33	10.59	50.01	32.59	8.27	7.97	12.3	3.715	91.3
156	12/16/2012 3:16:34	10.59	50.03	32.60	8.27	7.98	13.0	3.667	91.4
157	12/16/2012 3:31:34	10.39	48.95	31.81	8.55	7.97	12.3	3.599	93.6
158	12/16/2012 3:46:33	10.38	48.95	31.81	8.56	7.96	11.9	3.504	93.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	12/16/2012 4:01:34	10.38	48.96	31.82	8.51	7.97	11.4	3.423	93.2
160	12/16/2012 4:16:33	10.33	48.64	31.58	8.55	7.96	10.9	3.305	93.4
161	12/16/2012 4:31:34	10.30	48.39	31.40	8.58	7.96	13.8	3.207	93.6
162	12/16/2012 4:46:34	10.34	48.62	31.57	8.55	7.96	12.1	3.117	93.4
163	12/16/2012 5:01:34	10.34	48.48	31.47	8.59	7.96	11.2	3.019	93.7
164	12/16/2012 5:16:33	10.33	48.48	31.47	8.59	7.96	11.1	2.926	93.8
165	12/16/2012 5:31:34	10.17	47.61	30.83	8.70	7.95	10.8	2.824	94.2
166	12/16/2012 5:46:34	10.07	47.25	30.56	8.74	7.94	10.9	2.752	94.3
167	12/16/2012 6:01:34	9.99	46.90	30.31	8.77	7.94	10.6	2.671	94.3
168	12/16/2012 6:16:33	9.97	46.88	30.30	8.78	7.93	9.8	2.590	94.3
169	12/16/2012 6:31:33	9.95	46.88	30.29	8.76	7.93	9.7	2.532	94.1
170	12/16/2012 6:46:33	9.88	46.82	30.24	8.73	7.92	8.8	2.466	93.6
171	12/16/2012 7:01:33	9.80	46.42	29.96	8.75	7.92	8.9	2.413	93.5
172	12/16/2012 7:16:33	9.75	46.12	29.73	8.77	7.92	9.2	2.382	93.4
173	12/16/2012 7:31:33	9.74	46.03	29.67	8.78	7.91	9.7	2.357	93.5
174	12/16/2012 7:46:34	9.73	45.95	29.62	8.69	7.92	8.9	2.335	92.5
175	12/16/2012 8:01:34	9.82	46.32	29.88	8.74	7.92	9.9	2.347	93.4
176	12/16/2012 8:16:34	9.81	46.31	29.87	8.75	7.92	9.4	2.381	93.4
177	12/16/2012 8:31:34	9.83	46.35	29.90	8.77	7.92	9.0	2.411	93.7
178	12/16/2012 8:46:34	9.86	46.45	29.98	8.74	7.92	9.8	2.465	93.5
179	12/16/2012 9:01:33	9.77	46.16	29.76	8.81	7.91	9.9	2.542	93.9
180	12/16/2012 9:16:33	9.87	46.42	29.96	8.77	7.92	10.0	2.611	93.8
181	12/16/2012 9:31:33	9.94	46.75	30.20	8.75	7.93	10.5	2.699	93.9
182	12/16/2012 9:46:33	10.00	47.04	30.41	8.71	7.93	11.2	2.777	93.7
183	12/16/2012 10:01:34	10.11	47.54	30.78	8.65	7.94	11.8	2.870	93.6
184	12/16/2012 10:16:34	10.17	47.79	30.96	8.66	7.95	12.6	2.943	93.8
185	12/16/2012 10:31:33	10.21	47.94	31.07	8.65	7.95	11.9	3.052	93.8
186	12/16/2012 10:46:33	10.21	47.99	31.10	8.64	7.95	13.0	3.128	93.9
187	12/16/2012 11:01:33	10.26	48.22	31.27	8.60	7.95	14.5	3.218	93.6
188	12/16/2012 11:16:34	10.32	48.53	31.50	8.53	7.96	16.1	3.316	93.1
189	12/16/2012 11:31:34	10.36	48.74	31.66	8.50	7.96	17.3	3.411	92.9
190	12/16/2012 11:46:33	10.42	49.02	31.86	8.45	7.96	14.1	3.495	92.6
191	12/16/2012 12:01:34	10.46	49.20	31.99	8.41	7.96	13.4	3.588	92.4
192	12/16/2012 12:16:34	10.50	49.37	32.12	8.38	7.97	13.6	3.686	92.1
193	12/16/2012 12:31:33	10.57	49.60	32.29	8.37	7.97	12.2	3.747	92.3
194	12/16/2012 12:46:33	10.60	49.71	32.37	8.35	7.97	11.7	3.822	92.2
195	12/16/2012 13:01:34	10.62	49.76	32.41	8.33	7.97	10.6	3.888	92.1
196	12/16/2012 13:16:33	10.64	49.88	32.49	8.31	7.97	10.4	3.932	91.9
197	12/16/2012 13:31:33	10.65	49.92	32.52	8.28	7.97	8.2	3.962	91.6
198	12/16/2012 13:46:34	10.59	49.63	32.31	8.33	7.97	8.6	3.979	91.9
199	12/16/2012 14:01:34	10.63	49.79	32.43	8.29	7.97	9.2	3.969	91.6
200	12/16/2012 14:16:33	10.63	49.83	32.46	8.29	7.97	10.6	3.925	91.6
201	12/16/2012 14:31:34	10.63	49.89	32.50	8.28	7.97	10.3	3.878	91.5
202	12/16/2012 14:46:33	10.61	49.71	32.37	8.31	7.97	11.0	3.804	91.8
203	12/16/2012 15:01:33	10.52	49.15	31.96	8.49	7.96	8.8	3.691	93.3
204	12/16/2012 15:16:34	10.44	48.78	31.69	8.56	7.96	8.4	3.573	93.8
205	12/16/2012 15:31:34	10.38	48.48	31.47	8.57	7.96	9.9	3.468	93.6
206	12/16/2012 15:46:34	10.36	48.42	31.42	8.62	7.95	10.4	3.334	94.0
207	12/16/2012 16:01:33	10.33	48.30	31.33	8.63	7.95	8.9	3.206	94.1
208	12/16/2012 16:16:34	10.25	47.86	31.01	8.70	7.95	10.4	3.070	94.5
209	12/16/2012 16:31:34	10.21	47.66	30.87	8.77	7.94	10.4	2.944	95.1
210	12/16/2012 16:46:34	10.21	47.68	30.88	8.77	7.94	15.8	2.818	95.1
211	12/16/2012 17:01:34	10.22	47.72	30.91	8.74	7.94	19.2	2.680	94.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	12/16/2012 17:16:34	10.24	47.97	31.10	8.74	7.94	21.0	2.542	94.9
213	12/16/2012 17:31:34	10.19	47.63	30.85	8.80	7.94	30.3	2.394	95.4
214	12/16/2012 17:46:34	10.03	46.90	30.31	8.90	7.93	30.4	2.266	95.8
215	12/16/2012 18:01:34	9.99	46.71	30.18	8.93	7.93	31.0	2.101	96.0
216	12/16/2012 18:16:33	9.95	46.58	30.08	8.96	7.92	33.6	1.957	96.1
217	12/16/2012 18:31:33	9.86	46.16	29.77	9.01	7.91	34.9	1.818	96.2
218	12/16/2012 18:46:33	9.80	45.91	29.59	9.05	7.91	37.5	1.680	96.4
219	12/16/2012 19:01:33	9.76	45.75	29.48	9.08	7.90	44.3	1.547	96.6
220	12/16/2012 19:16:34	9.70	45.47	29.27	9.11	7.90	43.6	1.429	96.7
221	12/16/2012 19:31:34	9.66	45.27	29.12	9.14	7.90	49.4	1.325	96.8
222	12/16/2012 19:46:34	9.63	45.14	29.03	9.15	7.89	52.2	1.237	96.8
223	12/16/2012 20:01:34	9.62	45.07	28.98	9.15	7.89	49.1	1.224	96.8
224	12/16/2012 20:16:34	9.63	45.03	28.95	9.07	7.89	40.9	1.195	95.9
225	12/16/2012 20:31:33	9.63	45.02	28.95	9.14	7.89	32.1	1.201	96.7
226	12/16/2012 20:46:34	9.66	45.12	29.02	9.14	7.89	30.5	1.303	96.7
227	12/16/2012 21:01:33	9.69	45.28	29.13	9.11	7.89	31.6	1.361	96.6
228	12/16/2012 21:16:34	9.72	44.99	28.93	9.10	7.89	25.8	1.462	96.4
229	12/16/2012 21:31:34	9.71	44.61	28.66	9.11	7.89	25.0	1.564	96.3
230	12/16/2012 21:46:34	9.73	44.89	28.86	9.08	7.89	21.8	1.673	96.1
231	12/16/2012 22:01:34	9.75	45.02	28.95	9.05	7.89	20.2	1.778	95.9
232	12/16/2012 22:16:34	9.77	44.93	28.89	9.05	7.89	18.7	1.873	95.9
233	12/16/2012 22:31:34	9.82	45.18	29.07	9.02	7.90	18.0	1.984	95.8
234	12/16/2012 22:46:33	9.91	45.60	29.37	9.01	7.90	23.8	2.098	96.1
235	12/16/2012 23:01:33	9.94	46.11	29.74	8.97	7.91	20.4	2.209	96.0
236	12/16/2012 23:16:34	9.93	46.34	29.90	9.00	7.91	22.5	2.311	96.3
237	12/16/2012 23:31:33	9.95	46.40	29.95	8.99	7.91	24.2	2.423	96.3
238	12/16/2012 23:46:33	10.00	46.62	30.11	8.94	7.91	25.3	2.519	96.0
239	12/17/2012 0:01:33	10.03	46.76	30.21	8.91	7.92	23.7	2.615	95.8
240	12/17/2012 0:16:33	10.07	46.95	30.35	8.88	7.92	26.3	2.728	95.7
241	12/17/2012 0:31:33	10.16	47.31	30.61	8.84	7.93	25.3	2.834	95.6
242	12/17/2012 0:46:33	10.21	47.57	30.80	8.84	7.93	21.9	2.915	95.8
243	12/17/2012 1:01:34	10.28	47.88	31.03	8.85	7.94	19.8	3.049	96.2
244	12/17/2012 1:16:34	10.33	48.27	31.31	8.83	7.95	20.1	3.149	96.3
245	12/17/2012 1:31:34	10.35	48.50	31.48	8.81	7.95	23.4	3.253	96.2
246	12/17/2012 1:46:33	10.43	48.84	31.73	8.81	7.95	23.6	3.360	96.5
247	12/17/2012 2:01:34	10.56	49.28	32.06	8.83	7.97	17.1	3.454	97.2
248	12/17/2012 2:16:34	10.69	49.68	32.35	8.80	7.99	12.5	3.544	97.3
249	12/17/2012 2:31:33	10.74	49.84	32.47	8.77	7.99	11.2	3.622	97.2
250	12/17/2012 2:46:34	10.77	49.88	32.50	8.76	7.99	9.0	3.695	97.1
251	12/17/2012 3:01:34	10.80	49.99	32.58	8.76	8.00	7.2	3.742	97.3
252	12/17/2012 3:16:34	10.81	49.99	32.59	8.75	8.00	6.3	3.760	97.1
253	12/17/2012 3:31:33	10.72	49.75	32.41	8.73	7.98	9.4	3.799	96.6
254	12/17/2012 3:46:33	10.77	49.89	32.51	8.75	7.99	8.0	3.765	97.0
255	12/17/2012 4:01:34	10.78	49.93	32.54	8.75	7.99	8.8	3.718	97.0
256	12/17/2012 4:16:34	10.72	49.75	32.41	8.76	7.99	10.4	3.656	96.9
257	12/17/2012 4:31:34	10.57	49.34	32.10	8.82	7.97	11.7	3.570	97.1
258	12/17/2012 4:46:34	10.48	48.97	31.83	8.84	7.96	11.5	3.486	97.0
259	12/17/2012 5:01:34	10.42	48.67	31.61	8.82	7.96	17.9	3.362	96.6
260	12/17/2012 5:16:33	10.35	48.39	31.40	8.84	7.95	16.3	3.285	96.5
261	12/17/2012 5:31:33	10.29	48.20	31.26	8.83	7.94	13.3	3.205	96.2
262	12/17/2012 5:46:33	10.30	48.28	31.32	8.81	7.94	13.3	3.104	95.9
263	12/17/2012 6:01:34	10.19	47.82	30.98	8.85	7.94	13.0	2.998	95.9
264	12/17/2012 6:16:33	10.15	47.60	30.82	8.84	7.93	18.0	2.927	95.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	12/17/2012 6:31:34	10.08	47.50	30.74	8.88	7.93	16.8	2.839	95.9
266	12/17/2012 6:46:34	10.11	47.62	30.83	8.86	7.93	15.8	2.755	95.9
267	12/17/2012 7:01:34	10.08	47.54	30.77	8.87	7.92	14.7	2.690	95.8
268	12/17/2012 7:16:34	10.01	47.13	30.47	8.91	7.92	15.1	2.613	95.9
269	12/17/2012 7:31:34	10.00	47.14	30.48	8.90	7.92	15.5	2.548	95.8
270	12/17/2012 7:46:34	9.95	46.84	30.27	8.91	7.91	17.5	2.483	95.6
271	12/17/2012 8:01:33	9.87	46.26	29.84	8.95	7.90	19.0	2.431	95.7
272	12/17/2012 8:16:34	9.88	46.50	30.02	8.93	7.91	17.8	2.381	95.6
273	12/17/2012 8:31:34	9.82	46.09	29.72	8.96	7.90	18.0	2.371	95.6
274	12/17/2012 8:46:34	9.80	45.96	29.63	8.93	7.90	17.5	2.353	95.2
275	12/17/2012 9:01:34	9.80	45.94	29.61	8.97	7.90	18.5	2.335	95.6
276	12/17/2012 9:16:34	9.80	45.98	29.64	8.94	7.90	15.2	2.353	95.3
277	12/17/2012 9:31:34	9.81	45.98	29.64	8.96	7.90	15.7	2.390	95.6
278	12/17/2012 9:46:34	9.84	46.10	29.73	8.95	7.90	15.9	2.448	95.6
279	12/17/2012 10:01:34	9.87	46.23	29.82	8.93	7.90	15.9	2.522	95.5
280	12/17/2012 10:16:34	9.85	45.79	29.51	8.94	7.89	15.2	2.596	95.3
281	12/17/2012 10:31:34	9.90	46.37	29.92	8.93	7.90	16.7	2.655	95.6
282	12/17/2012 10:46:34	9.94	46.57	30.07	8.92	7.91	15.5	2.746	95.7
283	12/17/2012 11:01:34	10.00	46.85	30.28	8.89	7.91	16.6	2.842	95.5
284	12/17/2012 11:16:34	10.06	47.13	30.48	8.86	7.92	17.3	2.918	95.5
285	12/17/2012 11:31:34	10.16	47.53	30.77	8.87	7.93	14.7	2.982	96.0
286	12/17/2012 11:46:33	10.21	47.71	30.90	8.86	7.93	14.5	3.047	96.1
287	12/17/2012 12:01:34	10.24	47.84	31.00	8.86	7.93	14.6	3.144	96.2
288	12/17/2012 12:16:34	10.31	48.06	31.16	8.85	7.94	14.2	3.206	96.4
289	12/17/2012 12:31:33	10.37	48.24	31.29	8.84	7.94	14.5	3.300	96.5
290	12/17/2012 12:46:34	10.43	48.46	31.45	8.83	7.95	14.7	3.388	96.5
291	12/17/2012 13:01:34	10.47	48.58	31.54	8.81	7.95	15.8	3.472	96.5
292	12/17/2012 13:16:34	10.56	48.83	31.73	8.85	7.96	13.3	3.531	97.2
293	12/17/2012 13:31:34	10.61	48.96	31.83	8.84	7.97	11.9	3.624	97.3
294	12/17/2012 13:46:33	10.64	49.07	31.91	8.87	7.97	11.4	3.636	97.7
295	12/17/2012 14:01:34	10.67	49.14	31.96	8.87	7.97	9.5	3.673	97.8
296	12/17/2012 14:16:34	10.69	49.19	32.00	8.85	7.98	8.6	3.722	97.6
297	12/17/2012 14:31:34	10.68	49.11	31.94	8.77	7.97	6.6	3.722	96.7
298	12/17/2012 14:46:34	10.68	49.15	31.97	8.84	7.97	8.7	3.724	97.5
299	12/17/2012 15:01:34	10.68	49.16	31.97	8.86	7.97	9.2	3.698	97.7
300	12/17/2012 15:16:34	10.67	49.09	31.92	8.85	7.97	9.8	3.669	97.6
301	12/17/2012 15:31:34	10.62	48.68	31.62	9.07	7.97	10.4	3.589	99.7
302	12/17/2012 15:46:34	10.60	48.69	31.63	9.04	7.97	10.2	3.515	99.3
303	12/17/2012 16:01:33	10.55	48.47	31.47	8.94	7.95	10.0	3.426	98.0
304	12/17/2012 16:16:34	10.45	47.98	31.11	8.96	7.95	9.4	3.346	97.8
305	12/17/2012 16:31:34	10.40	47.73	30.93	8.98	7.94	12.1	3.241	97.8
306	12/17/2012 16:46:34	10.37	47.62	30.85	8.97	7.94	11.1	3.153	97.6
307	12/17/2012 17:01:34	10.28	47.52	30.77	8.98	7.93	11.6	3.034	97.5
308	12/17/2012 17:16:34	10.23	47.38	30.67	8.98	7.93	11.4	2.905	97.3
309	12/17/2012 17:31:33	10.15	46.96	30.36	8.99	7.92	13.0	2.794	97.1
310	12/17/2012 17:46:34	10.13	47.24	30.56	8.96	7.92	12.4	2.681	96.7
311	12/17/2012 18:01:34	10.11	47.33	30.62	8.94	7.92	11.4	2.547	96.6
312	12/17/2012 18:16:34	10.03	46.50	30.02	9.02	7.91	13.6	2.420	96.9
313	12/17/2012 18:31:34	9.99	46.42	29.97	9.02	7.91	13.9	2.313	96.8
314	12/17/2012 18:46:34	9.93	46.16	29.78	9.05	7.90	16.7	2.199	96.9
315	12/17/2012 19:01:34	9.87	45.86	29.56	9.08	7.89	18.0	2.053	96.8
316	12/17/2012 19:16:34	9.84	45.68	29.43	9.09	7.89	17.7	1.918	96.9
317	12/17/2012 19:31:34	9.80	45.84	29.54	9.06	7.89	20.7	1.813	96.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	12/17/2012 19:46:34	9.77	45.64	29.39	9.08	7.88	21.9	1.709	96.6
319	12/17/2012 20:01:34	9.76	45.27	29.13	9.14	7.88	21.3	1.566	97.0
320	12/17/2012 20:16:34	9.72	44.99	28.93	9.16	7.87	25.1	1.504	97.1
321	12/17/2012 20:31:34	9.69	44.75	28.76	9.18	7.87	26.6	1.437	97.0
322	12/17/2012 20:46:34	9.68	44.57	28.63	9.21	7.87	21.6	1.377	97.3
323	12/17/2012 21:01:34	9.66	44.50	28.58	9.19	7.87	23.7	1.364	97.0
324	12/17/2012 21:16:34	9.67	44.65	28.69	9.18	7.87	24.2	1.399	97.0
325	12/17/2012 21:31:34	9.65	44.80	28.79	9.19	7.87	18.7	1.412	97.1
326	12/17/2012 21:46:34	9.69	44.90	28.86	9.17	7.87	18.8	1.479	97.0
327	12/17/2012 22:01:34	9.70	44.78	28.78	9.18	7.88	15.8	1.563	97.1
328	12/17/2012 22:16:34	9.73	44.18	28.35	9.17	7.87	16.4	1.659	96.8
329	12/17/2012 22:31:34	9.79	43.56	27.92	9.18	7.87	17.5	1.759	96.8
330	12/17/2012 22:46:34	9.79	43.90	28.16	9.15	7.87	15.9	1.859	96.6
331	12/17/2012 23:01:34	9.82	44.38	28.50	9.12	7.87	16.4	1.953	96.5
332	12/17/2012 23:16:34	9.88	44.58	28.65	9.10	7.88	19.2	2.050	96.6
333	12/17/2012 23:31:34	9.92	44.38	28.51	9.08	7.88	16.7	2.199	96.3
334	12/17/2012 23:46:34	9.94	44.60	28.66	9.06	7.89	14.6	2.247	96.3
335	12/18/2012 0:01:33	9.99	45.89	29.59	8.99	7.89	15.9	2.382	96.2
336	12/18/2012 0:16:33	10.00	46.05	29.70	9.00	7.89	16.6	2.470	96.4
337	12/18/2012 0:31:34	10.03	46.22	29.82	8.99	7.90	18.0	2.555	96.5
338	12/18/2012 0:46:34	10.04	46.22	29.83	9.00	7.90	18.4	2.629	96.5
339	12/18/2012 1:01:34	10.04	46.19	29.80	8.99	7.90	19.3	2.731	96.5
340	12/18/2012 1:16:34	10.05	46.37	29.93	8.99	7.91	19.5	2.847	96.5
341	12/18/2012 1:31:34	10.11	46.72	30.19	8.98	7.92	22.0	2.961	96.7
342	12/18/2012 1:46:34	10.14	47.01	30.39	8.98	7.92	20.6	3.041	96.9
343	12/18/2012 2:01:34	10.25	47.53	30.78	9.03	7.94	19.5	3.134	97.9
344	12/18/2012 2:16:34	10.32	47.90	31.04	9.12	7.95	20.3	3.232	99.2
345	12/18/2012 2:31:34	10.47	48.56	31.53	9.41	7.97	16.6	3.315	103.0
346	12/18/2012 2:46:34	10.54	48.83	31.73	9.48	7.97	15.4	3.422	104.1
347	12/18/2012 3:01:34	10.68	49.28	32.06	9.63	7.99	12.8	3.499	106.3
348	12/18/2012 3:16:34	10.73	49.44	32.18	9.65	7.99	11.4	3.585	106.7
349	12/18/2012 3:31:33	10.80	49.65	32.34	9.63	8.00	9.8	3.625	106.7
350	12/18/2012 3:46:34	10.84	49.75	32.41	9.58	8.00	9.2	3.699	106.3
351	12/18/2012 4:01:34	10.87	49.80	32.45	9.53	8.00	7.2	3.697	105.8
352	12/18/2012 4:16:33	10.78	49.59	32.29	9.53	7.99	9.7	3.695	105.6
353	12/18/2012 4:31:34	10.87	49.81	32.46	9.51	8.00	9.0	3.671	105.7
354	12/18/2012 4:46:34	10.83	49.73	32.40	9.56	8.00	9.0	3.648	106.1
355	12/18/2012 5:01:34	10.14	48.06	31.15	9.34	7.96	10.5	3.582	101.2
356	12/18/2012 5:16:34	10.12	47.89	31.03	9.28	7.95	10.7	3.517	100.5
357	12/18/2012 5:31:34	10.10	47.88	31.02	9.29	7.95	10.9	3.442	100.5
358	12/18/2012 5:46:34	10.02	47.50	30.74	9.25	7.94	11.3	3.339	99.8
359	12/18/2012 6:01:34	10.01	47.39	30.66	9.20	7.94	10.9	3.253	99.2
360	12/18/2012 6:16:34	9.82	46.58	30.07	9.18	7.92	10.7	3.152	98.1
361	12/18/2012 6:31:34	9.83	46.70	30.16	9.12	7.92	9.8	3.068	97.6
362	12/18/2012 6:46:34	9.84	46.88	30.28	9.11	7.92	9.4	2.990	97.6
363	12/18/2012 7:01:34	9.70	46.47	29.99	9.07	7.91	9.4	2.898	96.7
364	12/18/2012 7:16:34	9.61	46.02	29.66	9.08	7.91	10.3	2.809	96.4
365	12/18/2012 7:31:34	9.66	46.47	29.98	9.03	7.91	9.4	2.739	96.2
366	12/18/2012 7:46:34	9.60	46.48	29.99	9.06	7.91	9.5	2.657	96.4
367	12/18/2012 8:01:34	9.51	46.33	29.87	9.06	7.90	10.3	2.592	96.1
368	12/18/2012 8:16:34	9.43	45.83	29.51	9.09	7.90	10.4	2.521	96.0
369	12/18/2012 8:31:34	9.35	45.23	29.08	9.07	7.89	10.9	2.474	95.4
370	12/18/2012 8:46:34	9.32	45.33	29.15	9.07	7.89	10.0	2.428	95.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	12/18/2012 9:01:34	9.28	45.11	28.99	9.08	7.88	11.0	2.372	95.2
372	12/18/2012 9:16:34	9.25	45.36	29.16	9.06	7.89	11.0	2.349	95.1
373	12/18/2012 9:31:34	9.29	45.22	29.07	9.05	7.89	10.6	2.277	95.0
374	12/18/2012 9:46:34	9.27	44.96	28.88	9.00	7.88	10.3	2.281	94.3
375	12/18/2012 10:01:34	9.37	45.44	29.23	8.99	7.89	10.4	2.277	94.7
376	12/18/2012 10:16:34	9.17	44.77	28.74	9.11	7.88	9.7	2.282	95.2
377	12/18/2012 10:31:34	9.26	45.08	28.96	9.09	7.88	10.8	2.309	95.3
378	12/18/2012 10:46:34	9.45	45.47	29.25	9.03	7.89	9.9	2.365	95.2
379	12/18/2012 11:01:34	9.36	45.07	28.96	9.06	7.88	10.3	2.429	95.2
380	12/18/2012 11:16:34	9.33	44.62	28.64	9.08	7.88	11.1	2.479	95.2
381	12/18/2012 11:31:34	9.48	45.01	28.93	9.05	7.89	10.6	2.557	95.4
382	12/18/2012 11:46:34	9.59	45.72	29.44	9.02	7.90	12.2	2.625	95.6
383	12/18/2012 12:01:34	9.65	45.83	29.53	9.08	7.90	10.3	2.699	96.4
384	12/18/2012 12:16:34	9.76	46.34	29.90	9.09	7.91	10.5	2.767	97.0
385	12/18/2012 12:31:34	9.79	46.06	29.70	9.14	7.91	10.1	2.846	97.5
386	12/18/2012 12:46:34	9.91	46.91	30.31	9.15	7.93	11.0	2.902	98.2
387	12/18/2012 13:01:34	9.94	47.00	30.38	9.17	7.93	10.0	2.983	98.5
388	12/18/2012 13:16:34	9.90	47.00	30.38	9.15	7.93	10.0	3.052	98.2
389	12/18/2012 13:31:34	10.05	47.39	30.66	9.20	7.94	10.6	3.099	99.3
390	12/18/2012 13:46:34	10.13	47.60	30.82	9.24	7.95	10.3	3.158	100.0
391	12/18/2012 14:01:34	10.18	47.72	30.91	9.26	7.95	9.8	3.221	100.4
392	12/18/2012 14:16:34	10.19	47.78	30.95	9.28	7.95	10.0	3.281	100.6
393	12/18/2012 14:31:34	10.21	47.81	30.97	9.27	7.95	9.3	3.321	100.5
394	12/18/2012 14:46:34	10.23	47.87	31.02	9.27	7.96	8.4	3.367	100.6
395	12/18/2012 15:01:34	10.28	48.02	31.13	9.28	7.96	7.9	3.412	100.9
396	12/18/2012 15:16:34	10.31	48.11	31.20	9.27	7.96	7.6	3.426	100.9
397	12/18/2012 15:31:34	10.32	48.12	31.21	9.19	7.96	5.9	3.436	100.1
398	12/18/2012 15:46:34	10.33	48.12	31.21	9.26	7.96	8.3	3.430	100.9
399	12/18/2012 16:01:34	10.33	48.12	31.21	9.29	7.96	8.6	3.406	101.2
400	12/18/2012 16:16:33	10.31	48.08	31.17	9.27	7.96	8.6	3.383	100.9
401	12/18/2012 16:31:33	9.94	46.79	30.23	9.36	7.95	10.2	3.317	100.5
402	12/18/2012 16:46:34	10.01	47.05	30.42	9.23	7.94	10.8	3.249	99.4
403	12/18/2012 17:01:34	9.91	46.86	30.28	9.23	7.94	13.0	3.197	99.1
404	12/18/2012 17:16:34	9.73	46.49	30.00	9.21	7.92	8.7	3.116	98.2
405	12/18/2012 17:31:34	9.86	46.66	30.13	9.23	7.93	10.6	3.009	98.8
406	12/18/2012 17:46:34	9.67	46.25	29.82	9.25	7.92	9.5	2.932	98.4
407	12/18/2012 18:01:34	9.56	45.85	29.53	9.29	7.92	9.6	2.854	98.4
408	12/18/2012 18:16:34	9.55	45.99	29.63	9.25	7.91	9.9	2.735	98.0
409	12/18/2012 18:31:34	9.48	45.75	29.46	9.29	7.92	9.9	2.655	98.2
410	12/18/2012 18:46:34	9.35	45.28	29.12	9.37	7.92	11.9	2.530	98.6
411	12/18/2012 19:01:34	9.35	45.77	29.46	9.27	7.91	10.5	2.433	97.7
412	12/18/2012 19:16:34	9.21	45.07	28.95	9.41	7.91	10.7	2.337	98.5
413	12/18/2012 19:31:34	9.07	44.63	28.63	9.43	7.91	11.0	2.219	98.2
414	12/18/2012 19:46:34	8.95	44.84	28.78	9.45	7.91	10.4	2.106	98.3
415	12/18/2012 20:01:34	8.87	44.27	28.36	9.51	7.90	11.2	2.038	98.5
416	12/18/2012 20:16:34	8.80	44.17	28.29	9.53	7.90	12.0	1.923	98.4
417	12/18/2012 20:31:34	8.72	44.02	28.18	9.54	7.90	13.4	1.846	98.3
418	12/18/2012 20:46:34	8.68	43.95	28.12	9.56	7.90	13.3	1.743	98.4
419	12/18/2012 21:01:34	8.63	43.85	28.05	9.59	7.90	14.0	1.679	98.5
420	12/18/2012 21:16:34	8.68	43.86	28.06	9.55	7.90	13.0	1.632	98.3
421	12/18/2012 21:31:34	8.58	43.90	28.08	9.56	7.90	14.4	1.617	98.2
422	12/18/2012 21:46:34	8.95	44.24	28.35	9.51	7.91	9.8	1.633	98.6
423	12/18/2012 22:01:34	8.83	44.20	28.31	9.49	7.90	10.2	1.606	98.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	12/18/2012 22:16:34	8.76	44.15	28.27	9.51	7.90	9.5	1.622	98.2
425	12/18/2012 22:31:34	8.85	44.25	28.35	9.48	7.91	9.4	1.691	98.2
426	12/18/2012 22:46:34	8.85	44.17	28.29	9.48	7.90	9.7	1.773	98.1
427	12/18/2012 23:01:34	8.94	43.38	27.74	9.49	7.90	10.3	1.833	98.0
428	12/18/2012 23:16:34	8.95	43.68	27.95	9.46	7.90	9.8	1.916	97.9
429	12/18/2012 23:31:34	8.98	43.62	27.91	9.46	7.90	9.8	2.013	97.9
430	12/18/2012 23:46:34	9.00	44.00	28.19	9.43	7.90	9.4	2.082	97.9
431	12/19/2012 0:01:34	9.09	44.03	28.21	9.40	7.90	10.8	2.155	97.8
432	12/19/2012 0:16:34	9.27	44.35	28.45	9.31	7.90	10.0	2.250	97.3
433	12/19/2012 0:31:34	9.33	44.42	28.50	9.28	7.90	9.7	2.355	97.2
434	12/19/2012 0:46:34	9.47	45.52	29.29	9.17	7.90	10.6	2.439	96.8
435	12/19/2012 1:01:34	9.50	45.73	29.44	9.16	7.91	11.0	2.527	96.9
436	12/19/2012 1:16:34	9.48	45.78	29.48	9.18	7.91	12.1	2.613	97.1
437	12/19/2012 1:31:34	9.52	45.91	29.57	9.18	7.91	12.2	2.721	97.3
438	12/19/2012 1:46:34	9.53	45.87	29.54	9.20	7.91	12.8	2.833	97.4
439	12/19/2012 2:01:34	9.56	45.94	29.60	9.21	7.92	15.3	2.915	97.6
440	12/19/2012 2:16:34	9.63	46.25	29.82	9.24	7.92	16.8	2.997	98.2
441	12/19/2012 2:31:34	9.66	46.50	30.00	9.27	7.93	16.4	3.109	98.7
442	12/19/2012 2:46:34	9.76	46.98	30.35	9.29	7.94	16.1	3.176	99.4
443	12/19/2012 3:01:34	9.84	47.35	30.62	9.32	7.95	15.9	3.279	100.0
444	12/19/2012 3:16:34	9.99	47.97	31.08	9.43	7.96	17.0	3.353	101.8
445	12/19/2012 3:31:34	10.09	48.41	31.40	9.54	7.97	16.2	3.442	103.5
446	12/19/2012 3:46:34	10.22	48.90	31.76	9.64	7.98	13.8	3.535	105.2
447	12/19/2012 4:01:34	10.28	49.09	31.90	9.67	7.99	13.2	3.585	105.7
448	12/19/2012 4:16:34	10.41	49.43	32.16	9.73	7.99	12.0	3.651	106.8
449	12/19/2012 4:31:34	10.46	49.59	32.28	9.77	8.00	10.9	3.684	107.5
450	12/19/2012 4:46:34	10.49	49.66	32.33	9.76	8.00	9.8	3.704	107.5
451	12/19/2012 5:01:34	10.43	49.49	32.20	9.70	8.00	9.8	3.672	106.5
452	12/19/2012 5:16:34	10.47	49.65	32.32	9.74	8.00	11.8	3.703	107.2
453	12/19/2012 5:31:34	10.46	49.64	32.31	9.74	8.00	10.8	3.658	107.1
454	12/19/2012 5:46:34	10.11	48.69	31.61	9.72	7.99	11.2	3.596	105.6
455	12/19/2012 6:01:34	9.37	46.82	30.21	9.45	7.94	9.7	3.546	100.2
456	12/19/2012 6:16:34	9.85	47.79	30.94	9.44	7.96	10.9	3.479	101.6
457	12/19/2012 6:31:34	9.38	46.59	30.05	9.39	7.94	12.7	3.382	99.4
458	12/19/2012 6:46:34	9.32	46.50	29.98	9.33	7.93	9.7	3.288	98.7
459	12/19/2012 7:01:34	9.23	46.24	29.79	9.34	7.93	9.4	3.195	98.4
460	12/19/2012 7:16:34	9.19	46.25	29.79	9.33	7.92	8.2	3.148	98.2
461	12/19/2012 7:31:34	9.22	46.35	29.86	9.33	7.92	8.1	3.040	98.3
462	12/19/2012 7:46:34	9.17	46.16	29.73	9.34	7.92	8.4	2.941	98.2
463	12/19/2012 8:01:34	9.17	46.22	29.77	9.31	7.92	8.9	2.867	97.9
464	12/19/2012 8:16:34	8.91	45.33	29.12	9.37	7.91	10.4	2.803	97.6
465	12/19/2012 8:31:34	8.97	45.76	29.43	9.40	7.92	12.4	2.722	98.3
466	12/19/2012 8:46:34	8.89	45.47	29.22	9.40	7.91	11.8	2.626	97.9
467	12/19/2012 9:01:34	8.81	45.17	29.00	9.44	7.91	12.0	2.565	98.0
468	12/19/2012 9:16:34	8.85	45.60	29.31	9.42	7.91	12.2	2.473	98.1
469	12/19/2012 9:31:34	8.63	44.64	28.61	9.46	7.90	11.5	2.427	97.6
470	12/19/2012 9:46:34	8.64	44.94	28.82	9.45	7.90	12.5	2.380	97.7
471	12/19/2012 10:01:34	8.59	44.82	28.73	9.51	7.90	14.1	2.282	98.1
472	12/19/2012 10:16:34	8.49	44.45	28.47	9.49	7.90	12.8	2.237	97.5
473	12/19/2012 10:31:34	8.45	44.24	28.32	9.51	7.90	11.4	2.200	97.5
474	12/19/2012 10:46:34	8.45	44.22	28.30	9.51	7.89	10.9	2.180	97.5
475	12/19/2012 11:01:34	8.54	44.48	28.49	9.42	7.90	12.1	2.181	96.9
476	12/19/2012 11:16:34	8.51	44.32	28.37	9.55	7.90	11.2	2.205	98.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	12/19/2012 11:31:34	8.57	44.45	28.47	9.53	7.90	10.6	2.214	98.0
478	12/19/2012 11:46:34	8.64	44.56	28.56	9.47	7.90	10.4	2.235	97.7
479	12/19/2012 12:01:34	8.65	44.16	28.27	9.46	7.90	11.1	2.279	97.4
480	12/19/2012 12:16:34	8.77	44.65	28.63	9.38	7.90	12.0	2.355	97.1
481	12/19/2012 12:31:34	8.81	44.52	28.54	9.38	7.90	10.8	2.417	97.1
482	12/19/2012 12:46:34	8.89	44.83	28.76	9.35	7.90	10.1	2.479	97.1
483	12/19/2012 13:01:34	9.03	45.08	28.95	9.34	7.91	10.6	2.544	97.5
484	12/19/2012 13:16:34	9.08	45.29	29.11	9.34	7.91	9.5	2.606	97.7
485	12/19/2012 13:31:34	9.18	45.64	29.36	9.34	7.92	10.1	2.667	98.0
486	12/19/2012 13:46:34	9.28	46.02	29.63	9.34	7.92	10.1	2.726	98.5
487	12/19/2012 14:01:34	9.32	46.18	29.75	9.35	7.93	9.7	2.779	98.7
488	12/19/2012 14:16:34	9.33	46.27	29.81	9.35	7.93	8.5	2.830	98.7
489	12/19/2012 14:31:34	9.32	46.41	29.91	9.35	7.93	8.7	2.884	98.8
490	12/19/2012 14:46:34	9.40	46.60	30.06	9.38	7.93	8.6	2.940	99.3
491	12/19/2012 15:01:34	9.50	46.92	30.29	9.39	7.94	8.6	2.985	99.8
492	12/19/2012 15:16:34	9.55	47.03	30.38	9.40	7.94	8.5	3.042	100.1
493	12/19/2012 15:31:34	9.61	47.23	30.52	9.43	7.95	9.0	3.076	100.7
494	12/19/2012 15:46:34	9.63	47.33	30.59	9.44	7.95	8.3	3.116	100.9
495	12/19/2012 16:01:34	9.64	47.37	30.63	9.45	7.95	8.1	3.155	101.0
496	12/19/2012 16:16:34	9.66	47.44	30.67	9.47	7.96	7.9	3.172	101.3
497	12/19/2012 16:31:34	9.66	47.49	30.71	9.44	7.96	7.4	3.193	101.0
498	12/19/2012 16:46:34	9.66	47.54	30.74	9.40	7.96	6.8	3.211	100.6
499	12/19/2012 17:01:34	9.65	47.55	30.75	9.39	7.96	6.5	3.205	100.5
500	12/19/2012 17:16:34	9.59	47.31	30.58	9.47	7.96	7.6	3.192	101.1
501	12/19/2012 17:31:34	9.54	47.14	30.46	9.49	7.95	8.0	3.157	101.1
502	12/19/2012 17:46:34	9.40	46.61	30.06	9.52	7.95	11.6	3.127	100.9
503	12/19/2012 18:01:34	9.44	46.74	30.16	9.50	7.95	13.0	3.051	100.8
504	12/19/2012 18:16:34	9.34	46.69	30.12	9.52	7.95	13.4	2.988	100.8
505	12/19/2012 18:31:34	9.27	46.53	30.00	9.54	7.94	17.2	2.920	100.7
506	12/19/2012 18:46:34	9.21	46.28	29.82	9.55	7.94	17.1	2.851	100.6
507	12/19/2012 19:01:34	9.17	46.29	29.82	9.53	7.93	21.2	2.758	100.3
508	12/19/2012 19:16:34	9.10	46.22	29.76	9.54	7.93	27.5	2.670	100.3
509	12/19/2012 19:31:34	9.02	46.00	29.61	9.56	7.93	34.6	2.613	100.1
510	12/19/2012 19:46:34	8.96	45.83	29.48	9.56	7.92	38.3	2.517	99.9
511	12/19/2012 20:01:34	8.86	45.80	29.45	9.61	7.92	46.7	2.443	100.2
512	12/19/2012 20:16:34	8.78	45.54	29.26	9.64	7.92	50.5	2.359	100.2
513	12/19/2012 20:31:34	8.69	45.27	29.06	9.68	7.92	51.5	2.267	100.3
514	12/19/2012 20:46:34	8.60	45.05	28.90	9.71	7.92	54.1	2.198	100.3
515	12/19/2012 21:01:34	8.53	44.76	28.69	9.75	7.92	52.4	2.118	100.4
516	12/19/2012 21:16:34	8.46	44.47	28.48	9.78	7.92	50.4	2.056	100.4
517	12/19/2012 21:31:34	8.43	44.29	28.35	9.78	7.91	46.5	2.002	100.2
518	12/19/2012 21:46:34	8.40	44.21	28.29	9.79	7.91	45.5	1.971	100.3
519	12/19/2012 22:01:34	8.39	44.19	28.27	9.71	7.91	34.1	1.936	99.4
520	12/19/2012 22:16:34	8.37	44.20	28.28	9.74	7.91	39.3	1.904	99.7
521	12/19/2012 22:31:34	8.38	44.24	28.31	9.79	7.91	41.1	1.923	100.2
522	12/19/2012 22:46:34	8.40	44.38	28.41	9.79	7.92	38.0	1.934	100.4
523	12/19/2012 23:01:34	8.43	44.50	28.49	9.77	7.92	34.9	1.926	100.2
524	12/19/2012 23:16:34	8.48	42.75	27.27	9.82	7.91	26.4	1.968	100.1
525	12/19/2012 23:31:34	8.58	44.37	28.42	9.71	7.91	27.2	2.025	99.9
526	12/19/2012 23:46:34	8.74	44.57	28.57	9.63	7.91	21.9	2.066	99.6
527	12/20/2012 0:01:34	8.77	44.12	28.25	9.64	7.92	19.9	2.125	99.5
528	12/20/2012 0:16:34	8.92	44.58	28.58	9.59	7.93	16.7	2.197	99.6
529	12/20/2012 0:31:34	8.96	44.96	28.86	9.57	7.92	16.4	2.252	99.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
530	12/20/2012 0:46:34	8.93	44.98	28.87	9.58	7.93	15.9	2.319	99.6
531	12/20/2012 1:01:34	8.96	45.41	29.18	9.56	7.93	18.0	2.401	99.7
532	12/20/2012 1:16:34	8.87	45.41	29.17	9.60	7.93	18.4	2.457	99.9
533	12/20/2012 1:31:34	8.75	45.44	29.19	9.62	7.92	21.3	2.540	99.9
534	12/20/2012 1:46:34	8.65	45.57	29.27	9.63	7.91	27.1	2.625	99.9
535	12/20/2012 2:01:34	8.72	45.77	29.42	9.61	7.92	26.3	2.706	99.9
536	12/20/2012 2:16:34	8.85	46.07	29.64	9.57	7.92	22.9	2.793	99.9
537	12/20/2012 2:31:34	8.93	46.25	29.78	9.57	7.93	22.4	2.870	100.1
538	12/20/2012 2:46:34	9.00	46.41	29.90	9.55	7.93	21.7	2.966	100.2
539	12/20/2012 3:01:34	9.13	46.68	30.10	9.53	7.94	23.7	3.044	100.4
540	12/20/2012 3:16:34	9.27	47.09	30.40	9.51	7.95	28.8	3.120	100.7
541	12/20/2012 3:31:34	9.42	47.64	30.80	9.51	7.96	24.9	3.209	101.3
542	12/20/2012 3:46:34	9.55	48.11	31.15	9.51	7.97	23.6	3.294	101.8
543	12/20/2012 4:01:34	9.65	48.56	31.48	9.51	7.98	21.6	3.376	102.3
544	12/20/2012 4:16:34	9.71	48.91	31.73	9.49	7.98	20.0	3.453	102.3
545	12/20/2012 4:31:34	9.74	49.09	31.86	9.46	7.99	19.0	3.543	102.1
546	12/20/2012 4:46:34	9.77	49.26	31.99	9.43	7.99	17.2	3.593	102.0
547	12/20/2012 5:01:34	9.87	49.28	32.01	9.43	8.00	17.6	3.659	102.3
548	12/20/2012 5:16:34	9.96	49.15	31.92	9.47	8.00	16.7	3.710	102.7
549	12/20/2012 5:31:34	10.03	48.99	31.81	9.47	8.00	15.0	3.733	102.9
550	12/20/2012 5:46:33	10.05	48.89	31.74	9.47	8.00	13.7	3.772	102.8
551	12/20/2012 6:01:34	10.06	48.84	31.71	9.44	8.01	12.5	3.783	102.6
552	12/20/2012 6:16:34	10.06	48.83	31.70	9.42	8.01	12.2	3.751	102.3
553	12/20/2012 6:31:34	10.05	48.82	31.69	9.41	8.01	11.6	3.725	102.2
554	12/20/2012 6:46:34	10.04	48.84	31.71	9.45	8.01	12.6	3.709	102.6
555	12/20/2012 7:01:34	9.87	48.79	31.66	9.47	8.00	15.7	3.638	102.4
556	12/20/2012 7:16:34	9.47	48.26	31.25	9.48	7.98	26.1	3.564	101.4
557	12/20/2012 7:31:34	9.50	48.43	31.38	9.43	7.98	31.3	3.492	101.0
558	12/20/2012 7:46:34	9.40	48.25	31.24	9.46	7.97	32.2	3.403	101.0
559	12/20/2012 8:01:34	9.31	47.83	30.93	9.50	7.97	36.4	3.324	101.0
560	12/20/2012 8:16:34	9.31	47.79	30.90	9.50	7.97	39.1	3.244	100.9
561	12/20/2012 8:31:34	9.28	47.71	30.84	9.48	7.96	36.0	3.198	100.7
562	12/20/2012 8:46:34	9.37	47.99	31.05	9.44	7.97	37.6	3.089	100.6
563	12/20/2012 9:01:34	9.37	48.00	31.06	9.44	7.97	38.4	3.015	100.6
564	12/20/2012 9:16:34	9.15	47.18	30.46	9.51	7.96	33.8	2.941	100.5
565	12/20/2012 9:31:34	9.07	46.78	30.17	9.55	7.96	34.7	2.869	100.5
566	12/20/2012 9:46:34	9.00	46.50	29.96	9.55	7.95	35.8	2.803	100.2
567	12/20/2012 10:01:34	8.94	46.07	29.65	9.56	7.95	45.8	2.701	100.0
568	12/20/2012 10:16:34	8.78	45.31	29.09	9.64	7.94	45.4	2.616	100.1
569	12/20/2012 10:31:34	8.74	45.03	28.90	9.65	7.94	43.5	2.540	100.0
570	12/20/2012 10:46:34	8.74	44.98	28.86	9.63	7.94	37.6	2.457	99.8
571	12/20/2012 11:01:34	8.64	44.82	28.74	9.68	7.94	41.8	2.396	100.0
572	12/20/2012 11:16:34	8.59	44.62	28.59	9.67	7.94	39.6	2.342	99.7
573	12/20/2012 11:31:34	8.60	44.71	28.66	9.66	7.93	41.3	2.280	99.6
574	12/20/2012 11:46:34	8.62	44.78	28.71	9.64	7.93	40.8	2.232	99.5
575	12/20/2012 12:01:34	8.65	44.94	28.82	9.56	7.93	30.7	2.178	98.8
576	12/20/2012 12:16:34	8.66	45.03	28.89	9.55	7.93	35.4	2.208	98.8
577	12/20/2012 12:31:34	8.68	45.13	28.96	9.59	7.93	31.3	2.203	99.3
578	12/20/2012 12:46:34	8.53	44.16	28.27	9.72	7.93	31.5	2.219	99.9
579	12/20/2012 13:01:34	8.68	45.04	28.90	9.61	7.93	32.3	2.217	99.5
580	12/20/2012 13:16:34	8.68	45.04	28.90	9.62	7.93	35.4	2.288	99.6
581	12/20/2012 13:31:34	8.67	44.53	28.54	9.64	7.93	36.8	2.322	99.5
582	12/20/2012 13:46:34	8.70	44.64	28.62	9.62	7.93	31.3	2.383	99.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	12/20/2012 14:01:34	8.76	45.18	29.01	9.59	7.93	39.3	2.487	99.5
584	12/20/2012 14:16:34	8.80	45.26	29.06	9.58	7.94	35.8	2.515	99.5
585	12/20/2012 14:31:34	8.83	45.21	29.03	9.56	7.94	27.6	2.584	99.4
586	12/20/2012 14:46:34	8.87	45.40	29.17	9.55	7.94	25.2	2.645	99.4
587	12/20/2012 15:01:34	8.90	45.70	29.38	9.54	7.94	23.8	2.697	99.5
588	12/20/2012 15:16:34	8.83	45.37	29.14	9.60	7.94	20.9	2.751	99.8
589	12/20/2012 15:31:34	8.81	45.58	29.29	9.59	7.94	22.4	2.766	99.7
590	12/20/2012 15:46:34	8.81	45.63	29.32	9.59	7.94	21.4	2.836	99.8
591	12/20/2012 16:01:34	8.78	45.67	29.35	9.59	7.94	20.3	2.894	99.8
592	12/20/2012 16:16:34	8.81	45.84	29.47	9.58	7.94	19.1	2.936	99.8
593	12/20/2012 16:31:34	8.85	46.02	29.60	9.54	7.94	18.4	2.982	99.6
594	12/20/2012 16:46:34	8.88	46.15	29.70	9.53	7.95	18.3	3.032	99.6
595	12/20/2012 17:01:34	8.90	46.24	29.76	9.52	7.95	17.2	3.078	99.6
596	12/20/2012 17:16:34	8.94	46.38	29.87	9.47	7.95	17.0	3.074	99.2
597	12/20/2012 17:31:34	8.95	46.43	29.90	9.44	7.95	16.6	3.134	98.9
598	12/20/2012 17:46:34	8.92	46.32	29.83	9.43	7.94	17.3	3.112	98.7
599	12/20/2012 18:01:34	8.99	46.52	29.97	9.33	7.94	16.6	3.117	97.9
600	12/20/2012 18:16:34	8.98	46.58	30.01	9.37	7.94	17.7	3.151	98.3
601	12/20/2012 18:31:34	8.81	45.42	29.18	9.50	7.94	19.4	3.065	98.8
602	12/20/2012 18:46:34	9.01	46.74	30.13	9.40	7.94	17.9	3.063	98.8
603	12/20/2012 19:01:34	9.00	46.69	30.09	9.41	7.94	18.4	3.063	98.8
604	12/20/2012 19:16:34	8.94	46.48	29.94	9.42	7.94	18.9	2.978	98.7
605	12/20/2012 19:31:34	8.89	46.24	29.77	9.45	7.94	21.4	2.914	98.8
606	12/20/2012 19:46:34	8.86	46.09	29.65	9.46	7.94	24.7	2.904	98.8
607	12/20/2012 20:01:34	8.81	45.77	29.42	9.48	7.94	24.1	2.817	98.7
608	12/20/2012 20:16:34	8.78	45.62	29.32	9.50	7.94	22.7	2.834	98.8
609	12/20/2012 20:31:34	8.79	45.59	29.29	9.49	7.94	22.0	2.696	98.7
610	12/20/2012 20:46:34	8.75	45.29	29.08	9.49	7.93	20.7	2.662	98.4
611	12/20/2012 21:01:34	8.69	45.05	28.91	9.51	7.93	20.8	2.590	98.4
612	12/20/2012 21:16:34	8.71	45.09	28.93	9.47	7.93	21.4	2.572	98.1
613	12/20/2012 21:31:34	8.71	45.13	28.96	9.47	7.93	20.5	2.506	98.1
614	12/20/2012 21:46:34	8.68	45.01	28.88	9.48	7.93	21.0	2.403	98.1
615	12/20/2012 22:01:34	8.61	44.78	28.71	9.49	7.93	21.1	2.404	98.0
616	12/20/2012 22:16:34	8.64	44.87	28.77	9.46	7.93	20.5	2.297	97.7
617	12/20/2012 22:31:34	8.62	44.78	28.71	9.45	7.92	20.9	2.223	97.5
618	12/20/2012 22:46:34	8.57	44.66	28.62	9.47	7.92	19.6	2.236	97.6
619	12/20/2012 23:01:34	8.57	44.28	28.35	9.41	7.92	18.8	2.221	96.8
620	12/20/2012 23:16:34	8.52	44.53	28.52	9.41	7.92	21.0	2.202	96.8
621	12/20/2012 23:31:34	8.44	44.28	28.34	9.49	7.92	19.9	2.176	97.3
622	12/20/2012 23:46:34	8.54	44.23	28.31	9.48	7.92	18.3	2.181	97.4
623	12/21/2012 0:01:34	8.42	44.14	28.24	9.54	7.92	20.6	2.201	97.7
624	12/21/2012 0:16:34	8.50	44.41	28.44	9.49	7.92	19.7	2.224	97.5
625	12/21/2012 0:31:34	8.49	43.53	27.81	9.52	7.91	21.1	2.250	97.4
626	12/21/2012 0:46:34	8.58	44.52	28.52	9.47	7.92	27.6	2.347	97.6
627	12/21/2012 1:01:34	8.60	44.57	28.56	9.48	7.92	28.8	2.371	97.7
628	12/21/2012 1:16:34	8.65	44.27	28.35	9.48	7.92	25.5	2.453	97.7
629	12/21/2012 1:31:34	8.67	44.27	28.35	9.49	7.92	21.3	2.542	97.8
630	12/21/2012 1:46:34	8.69	43.85	28.05	9.49	7.92	20.9	2.600	97.7
631	12/21/2012 2:01:34	8.70	44.43	28.46	9.46	7.92	27.3	2.692	97.7
632	12/21/2012 2:16:34	8.65	44.26	28.34	9.49	7.92	24.0	2.743	97.8
633	12/21/2012 2:31:34	8.63	44.43	28.46	9.50	7.92	24.1	2.829	97.9
634	12/21/2012 2:46:34	8.65	44.58	28.57	9.49	7.92	29.3	2.872	97.9
635	12/21/2012 3:01:34	8.75	45.40	29.16	9.44	7.93	30.1	2.943	98.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	12/21/2012 3:16:34	8.82	45.57	29.29	9.41	7.93	30.5	3.098	98.0
637	12/21/2012 3:31:34	8.87	45.93	29.54	9.40	7.94	39.3	3.185	98.0
638	12/21/2012 3:46:34	8.91	45.96	29.57	9.39	7.94	36.4	3.251	98.1
639	12/21/2012 4:01:34	8.94	46.00	29.59	9.39	7.94	33.5	3.360	98.2
640	12/21/2012 4:16:34	9.02	46.15	29.71	9.41	7.95	33.9	3.352	98.6
641	12/21/2012 4:31:34	9.11	46.27	29.80	9.40	7.95	32.8	3.452	98.8
642	12/21/2012 4:46:34	9.20	46.46	29.95	9.40	7.96	35.8	3.534	99.1
643	12/21/2012 5:01:34	9.29	46.63	30.07	9.36	7.96	30.6	3.659	98.9
644	12/21/2012 5:16:34	9.44	46.84	30.23	9.42	7.97	30.3	3.709	100.0
645	12/21/2012 5:31:34	9.56	47.04	30.38	9.42	7.98	22.3	3.698	100.4
646	12/21/2012 5:46:34	9.63	47.16	30.47	9.39	7.98	17.5	3.798	100.2
647	12/21/2012 6:01:34	9.66	47.10	30.44	9.35	7.98	15.3	3.814	99.9
648	12/21/2012 6:16:34	9.69	47.28	30.56	9.35	7.98	12.4	3.828	100.0
649	12/21/2012 6:31:34	9.72	47.39	30.64	9.46	7.98	15.9	3.837	101.3
650	12/21/2012 6:46:34	9.70	47.33	30.60	9.45	7.98	13.8	3.801	101.1
651	12/21/2012 7:01:34	9.60	46.81	30.22	9.35	7.97	18.6	3.772	99.6
652	12/21/2012 7:16:34	9.58	47.09	30.42	9.40	7.98	17.7	3.699	100.2
653	12/21/2012 7:31:34	9.48	46.94	30.30	9.36	7.97	18.4	3.676	99.5
654	12/21/2012 7:46:34	9.31	46.45	29.94	9.33	7.96	19.3	3.594	98.6
655	12/21/2012 8:01:34	9.23	46.34	29.86	9.33	7.96	30.5	3.510	98.4
656	12/21/2012 8:16:34	9.14	46.00	29.61	9.31	7.95	29.1	3.457	97.8
657	12/21/2012 8:31:34	9.07	45.67	29.37	9.32	7.95	24.2	3.382	97.5
658	12/21/2012 8:46:34	8.79	42.73	27.28	9.45	7.93	19.8	3.290	97.0
659	12/21/2012 9:01:34	8.83	43.35	27.71	9.39	7.93	20.5	3.199	96.8
660	12/21/2012 9:16:34	8.85	44.02	28.19	9.35	7.93	22.0	3.122	96.7
661	12/21/2012 9:31:34	8.75	43.41	27.75	9.38	7.92	20.5	3.091	96.5
662	12/21/2012 9:46:34	8.64	41.91	26.69	9.46	7.91	18.8	3.001	96.4
663	12/21/2012 10:01:34	8.64	41.71	26.55	9.46	7.91	19.1	2.908	96.3
664	12/21/2012 10:16:34	8.67	41.88	26.67	9.45	7.91	19.7	2.792	96.4
665	12/21/2012 10:31:34	8.66	42.28	26.95	9.43	7.91	21.0	2.739	96.3
666	12/21/2012 10:46:34	8.67	42.12	26.83	9.43	7.91	20.9	2.622	96.2
667	12/21/2012 11:01:34	8.60	42.60	27.17	9.41	7.91	23.7	2.544	96.1
668	12/21/2012 11:16:34	8.58	42.79	27.30	9.39	7.91	24.7	2.476	95.9
669	12/21/2012 11:31:34	8.57	42.90	27.38	9.38	7.91	24.9	2.410	95.8
670	12/21/2012 11:46:34	8.55	42.95	27.41	9.39	7.91	28.1	2.266	95.9
671	12/21/2012 12:01:34	8.61	42.65	27.20	9.42	7.91	35.8	2.223	96.2
672	12/21/2012 12:16:34	8.55	42.78	27.29	9.43	7.91	33.8	2.146	96.3
673	12/21/2012 12:31:34	8.56	43.12	27.53	9.41	7.91	32.9	2.101	96.2
674	12/21/2012 12:46:34	8.50	43.15	27.55	9.39	7.91	30.2	2.096	95.9
675	12/21/2012 13:01:34	8.61	43.12	27.53	9.39	7.91	29.1	2.034	96.2
676	12/21/2012 13:16:34	8.57	43.40	27.73	9.26	7.91	20.0	1.971	94.9
677	12/21/2012 13:31:34	8.55	43.18	27.57	9.37	7.90	23.0	2.009	95.9
678	12/21/2012 13:46:34	8.61	43.09	27.51	9.40	7.90	20.9	2.043	96.2
679	12/21/2012 14:01:34	8.55	43.45	27.76	9.32	7.91	21.3	2.055	95.5
680	12/21/2012 14:16:34	8.52	43.38	27.71	9.34	7.90	24.7	2.132	95.5
681	12/21/2012 14:31:34	8.54	43.29	27.65	9.32	7.90	23.4	2.192	95.4
682	12/21/2012 14:46:34	8.58	42.88	27.37	9.33	7.90	24.6	2.234	95.4
683	12/21/2012 15:01:34	8.61	42.96	27.42	9.30	7.90	22.7	2.310	95.2
684	12/21/2012 15:16:34	8.61	42.95	27.42	9.32	7.90	23.4	2.334	95.3
685	12/21/2012 15:31:34	8.65	42.55	27.14	9.32	7.90	23.6	2.407	95.3
686	12/21/2012 15:46:34	8.70	42.35	27.00	9.32	7.90	20.0	2.456	95.3
687	12/21/2012 16:01:34	8.71	42.86	27.36	9.29	7.90	19.4	2.558	95.3
688	12/21/2012 16:16:34	8.68	42.49	27.10	9.34	7.90	19.4	2.631	95.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	12/21/2012 16:31:34	8.67	42.96	27.43	9.32	7.90	18.0	2.657	95.5
690	12/21/2012 16:46:34	8.69	42.89	27.38	9.33	7.90	16.4	2.686	95.6
691	12/21/2012 17:01:34	8.68	43.34	27.69	9.32	7.91	16.1	2.756	95.7
692	12/21/2012 17:16:34	8.69	43.62	27.89	9.29	7.91	16.2	2.781	95.5
693	12/21/2012 17:31:34	8.73	43.74	27.98	9.27	7.91	15.9	2.817	95.4
694	12/21/2012 17:46:34	8.77	43.64	27.91	9.27	7.91	14.8	2.883	95.5
695	12/21/2012 18:01:34	8.81	44.15	28.27	9.23	7.92	14.4	2.914	95.4
696	12/21/2012 18:16:34	8.83	44.19	28.30	9.25	7.92	14.1	2.974	95.7
697	12/21/2012 18:31:34	8.86	44.28	28.37	9.23	7.92	13.9	2.995	95.5
698	12/21/2012 18:46:34	8.86	44.32	28.40	9.19	7.92	11.8	3.026	95.2
699	12/21/2012 19:01:34	8.86	44.28	28.37	9.21	7.92	13.5	3.056	95.4
700	12/21/2012 19:16:34	8.85	44.27	28.36	9.16	7.92	12.3	3.081	94.9
701	12/21/2012 19:31:34	8.83	44.28	28.37	9.20	7.92	13.0	3.080	95.2
702	12/21/2012 19:46:34	8.85	44.44	28.48	9.21	7.92	15.0	3.056	95.4
703	12/21/2012 20:01:33	8.78	44.10	28.24	9.21	7.91	14.8	3.021	95.1
704	12/21/2012 20:16:34	8.82	44.03	28.19	9.23	7.92	15.6	2.968	95.4
705	12/21/2012 20:31:34	8.79	43.73	27.98	9.23	7.91	14.8	3.008	95.2
706	12/21/2012 20:46:34	8.76	43.50	27.81	9.23	7.91	16.1	2.931	95.0
707	12/21/2012 21:01:34	8.73	43.18	27.59	9.23	7.91	20.7	2.869	94.8
708	12/21/2012 21:16:34	8.71	43.24	27.62	9.22	7.91	20.3	2.844	94.7
709	12/21/2012 21:31:34	8.69	43.15	27.56	9.22	7.91	21.4	2.758	94.6
710	12/21/2012 21:46:34	8.66	42.73	27.27	9.23	7.90	17.4	2.693	94.5
711	12/21/2012 22:01:34	8.64	42.51	27.11	9.22	7.89	16.9	2.692	94.2
712	12/21/2012 22:16:34	8.64	42.53	27.12	9.19	7.89	15.7	2.685	93.9
713	12/21/2012 22:31:34	8.64	42.69	27.24	9.17	7.89	15.3	2.588	93.8
714	12/21/2012 22:46:34	8.62	41.82	26.62	9.24	7.89	15.4	2.586	94.1
715	12/21/2012 23:01:34	8.62	41.91	26.69	9.23	7.89	15.5	2.477	94.0
716	12/21/2012 23:16:34	8.61	41.62	26.48	9.25	7.89	13.4	2.515	94.1
717	12/21/2012 23:31:34	8.59	41.60	26.47	9.21	7.89	12.5	2.473	93.6
718	12/21/2012 23:46:34	8.59	41.72	26.55	9.24	7.89	13.0	2.433	93.9
719	12/22/2012 0:01:34	8.56	41.51	26.40	9.22	7.89	11.7	2.436	93.6
720	12/22/2012 0:16:34	8.55	41.22	26.20	9.20	7.88	11.4	2.434	93.2
721	12/22/2012 0:31:34	8.55	41.25	26.22	9.21	7.88	12.2	2.449	93.4
722	12/22/2012 0:46:34	8.62	41.31	26.26	9.19	7.88	14.3	2.435	93.4
723	12/22/2012 1:01:34	8.62	41.38	26.31	9.22	7.89	13.4	2.439	93.7
724	12/22/2012 1:16:34	8.65	41.92	26.70	9.17	7.89	13.4	2.484	93.5
725	12/22/2012 1:31:34	8.62	41.61	26.48	9.21	7.89	13.0	2.501	93.7
726	12/22/2012 1:46:34	8.64	42.31	26.97	9.18	7.89	15.9	2.537	93.8
727	12/22/2012 2:01:34	8.71	42.83	27.34	9.14	7.90	19.8	2.577	93.7
728	12/22/2012 2:16:34	8.74	42.88	27.37	9.18	7.90	16.2	2.641	94.2
729	12/22/2012 2:31:34	8.72	42.20	26.89	9.21	7.89	16.1	2.690	94.1
730	12/22/2012 2:46:34	8.77	42.56	27.15	9.19	7.90	14.2	2.731	94.2
731	12/22/2012 3:01:34	8.71	42.18	26.88	9.23	7.89	17.8	2.800	94.4
732	12/22/2012 3:16:34	8.84	43.08	27.52	9.19	7.91	14.5	2.903	94.6
733	12/22/2012 3:31:34	8.88	43.10	27.54	9.21	7.91	18.4	2.969	94.9
734	12/22/2012 3:46:34	8.81	41.52	26.43	9.27	7.90	27.1	3.010	94.7
735	12/22/2012 4:01:34	8.97	43.05	27.51	9.22	7.92	20.4	3.118	95.2
736	12/22/2012 4:16:34	9.05	43.78	28.03	9.21	7.92	21.1	3.211	95.6
737	12/22/2012 4:31:34	9.09	43.67	27.96	9.23	7.92	20.6	3.289	95.8
738	12/22/2012 4:46:34	9.21	44.34	28.44	9.22	7.93	21.2	3.358	96.3
739	12/22/2012 5:01:34	9.32	44.47	28.54	9.24	7.94	21.6	3.446	96.7
740	12/22/2012 5:16:34	9.46	45.04	28.95	9.22	7.95	20.5	3.529	97.1
741	12/22/2012 5:31:34	9.50	45.08	28.98	9.27	7.95	18.0	3.580	97.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	12/22/2012 5:46:34	9.60	45.56	29.33	9.27	7.96	14.9	3.633	98.2
743	12/22/2012 6:01:34	9.64	45.86	29.54	9.23	7.96	13.1	3.707	98.0
744	12/22/2012 6:16:34	9.70	45.93	29.60	9.25	7.97	11.7	3.738	98.3
745	12/22/2012 6:31:34	9.70	45.91	29.59	9.24	7.97	10.8	3.806	98.3
746	12/22/2012 6:46:34	9.70	45.87	29.56	9.18	7.97	9.3	3.825	97.6
747	12/22/2012 7:01:34	9.74	46.18	29.78	9.18	7.97	11.3	3.847	97.8
748	12/22/2012 7:16:34	9.77	46.27	29.85	9.17	7.97	11.2	3.860	97.8
749	12/22/2012 7:31:34	9.78	46.28	29.85	9.22	7.97	11.2	3.836	98.3
750	12/22/2012 7:46:34	9.71	45.97	29.63	9.18	7.97	12.8	3.788	97.7
751	12/22/2012 8:01:34	9.08	43.39	27.76	9.15	7.92	14.2	3.770	94.8
752	12/22/2012 8:16:34	9.21	43.67	27.96	9.25	7.95	18.7	3.740	96.3
753	12/22/2012 8:31:34	9.61	45.59	29.35	9.16	7.96	17.9	3.648	97.0
754	12/22/2012 8:46:34	9.50	45.08	28.98	9.19	7.95	21.9	3.575	96.9
755	12/22/2012 9:01:34	9.33	44.42	28.50	9.17	7.94	23.8	3.509	96.0
756	12/22/2012 9:16:34	8.73	40.69	25.84	9.31	7.91	19.6	3.425	94.6
757	12/22/2012 9:31:34	8.77	40.28	25.56	9.30	7.90	15.0	3.350	94.4
758	12/22/2012 9:46:34	8.78	40.35	25.60	9.31	7.90	13.0	3.269	94.5
759	12/22/2012 10:01:34	8.86	40.69	25.84	9.29	7.90	12.6	3.165	94.6
760	12/22/2012 10:16:34	8.93	41.39	26.34	9.29	7.91	12.0	3.064	95.1
761	12/22/2012 10:31:34	8.90	41.22	26.22	9.28	7.91	11.9	2.981	94.8
762	12/22/2012 10:46:34	8.89	41.30	26.27	9.30	7.91	12.4	2.901	95.0
763	12/22/2012 11:01:34	8.97	41.37	26.33	9.28	7.91	12.0	2.796	95.0
764	12/22/2012 11:16:34	8.86	40.81	25.93	9.29	7.90	12.7	2.716	94.6
765	12/22/2012 11:31:34	8.85	40.82	25.93	9.27	7.90	14.8	2.620	94.4
766	12/22/2012 11:46:34	8.91	41.07	26.12	9.29	7.90	16.2	2.539	94.9
767	12/22/2012 12:01:34	8.76	40.85	25.95	9.29	7.90	17.4	2.426	94.5
768	12/22/2012 12:16:34	8.74	40.81	25.92	9.35	7.90	15.1	2.337	95.0
769	12/22/2012 12:31:34	8.70	40.69	25.83	9.36	7.90	16.4	2.269	95.0
770	12/22/2012 12:46:34	8.60	40.35	25.60	9.39	7.90	16.2	2.186	94.9
771	12/22/2012 13:01:34	8.61	40.42	25.64	9.39	7.91	18.0	2.112	94.9
772	12/22/2012 13:16:34	8.64	40.23	25.51	9.40	7.91	19.8	2.016	95.1
773	12/22/2012 13:31:34	8.58	40.28	25.54	9.38	7.91	20.8	1.987	94.8
774	12/22/2012 13:46:34	8.55	40.21	25.49	9.30	7.89	18.2	1.929	93.8
775	12/22/2012 14:01:34	8.54	40.50	25.69	9.25	7.89	18.3	1.918	93.5
776	12/22/2012 14:16:34	8.58	40.53	25.72	9.13	7.89	12.4	1.862	92.3
777	12/22/2012 14:31:34	8.62	40.52	25.71	9.24	7.89	15.7	1.891	93.5
778	12/22/2012 14:46:34	8.64	40.42	25.65	9.29	7.89	14.8	1.917	94.1
779	12/22/2012 15:01:34	8.59	40.51	25.71	9.29	7.89	16.1	1.931	93.9
780	12/22/2012 15:16:34	8.55	40.65	25.80	9.26	7.89	16.1	1.996	93.6
781	12/22/2012 15:31:34	8.60	40.31	25.56	9.26	7.89	22.5	2.065	93.7
782	12/22/2012 15:46:34	8.66	40.03	25.37	9.22	7.88	19.5	2.109	93.3
783	12/22/2012 16:01:34	8.66	40.15	25.46	9.23	7.88	18.0	2.196	93.4
784	12/22/2012 16:16:34	8.66	40.18	25.48	9.22	7.88	17.0	2.266	93.3
785	12/22/2012 16:31:34	8.66	39.84	25.24	9.21	7.88	17.8	2.320	93.0
786	12/22/2012 16:46:34	8.72	40.22	25.51	9.19	7.88	19.1	2.403	93.1
787	12/22/2012 17:01:34	8.73	40.11	25.43	9.18	7.88	17.5	2.467	93.0
788	12/22/2012 17:16:34	8.72	40.35	25.60	9.16	7.88	15.3	2.510	92.9
789	12/22/2012 17:31:34	8.69	40.28	25.55	9.19	7.88	16.7	2.587	93.1
790	12/22/2012 17:46:34	8.68	40.44	25.66	9.19	7.88	18.6	2.624	93.1
791	12/22/2012 18:01:34	8.70	40.60	25.77	9.18	7.88	14.9	2.677	93.1
792	12/22/2012 18:16:34	8.71	41.05	26.09	9.15	7.89	14.2	2.748	93.0
793	12/22/2012 18:31:34	8.71	41.20	26.19	9.14	7.89	13.4	2.782	93.0
794	12/22/2012 18:46:34	8.75	41.07	26.11	9.12	7.89	13.9	2.843	92.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	12/22/2012 19:01:34	8.77	41.00	26.06	9.13	7.89	13.9	2.889	93.0
796	12/22/2012 19:16:34	8.80	41.14	26.16	9.12	7.89	12.9	2.931	92.9
797	12/22/2012 19:31:34	8.82	41.53	26.43	9.10	7.90	11.6	2.978	93.0
798	12/22/2012 19:46:34	8.83	41.65	26.51	9.08	7.90	11.7	3.019	92.8
799	12/22/2012 20:01:34	8.86	41.76	26.59	9.05	7.90	11.3	3.059	92.7
800	12/22/2012 20:16:34	8.86	41.98	26.75	9.01	7.90	9.5	3.087	92.3
801	12/22/2012 20:31:34	8.86	41.99	26.76	8.99	7.90	9.2	3.091	92.1
802	12/22/2012 20:46:34	8.86	42.03	26.79	9.01	7.90	10.4	3.096	92.3
803	12/22/2012 21:01:34	8.87	42.14	26.86	9.02	7.90	10.9	3.109	92.5
804	12/22/2012 21:16:34	8.89	42.24	26.93	9.03	7.90	10.6	3.102	92.6
805	12/22/2012 21:31:34	8.86	42.16	26.88	9.03	7.90	11.0	3.056	92.6
806	12/22/2012 21:46:34	8.79	41.95	26.72	9.04	7.90	14.1	3.016	92.4
807	12/22/2012 22:01:34	8.79	41.88	26.68	9.04	7.89	13.1	2.951	92.4
808	12/22/2012 22:16:34	8.79	41.68	26.54	9.05	7.89	13.6	2.929	92.5
809	12/22/2012 22:31:34	8.75	41.33	26.29	9.04	7.89	16.3	2.891	92.1
810	12/22/2012 22:46:34	8.72	41.18	26.18	9.06	7.89	18.3	2.824	92.2
811	12/22/2012 23:01:34	8.72	41.12	26.14	9.06	7.89	17.0	2.778	92.1
812	12/22/2012 23:16:34	8.70	40.94	26.01	9.09	7.88	14.1	2.755	92.3
813	12/22/2012 23:31:34	8.66	40.62	25.79	9.09	7.88	14.4	2.688	92.1
814	12/22/2012 23:46:34	8.62	40.32	25.57	9.12	7.88	13.8	2.654	92.2
815	12/23/2012 0:01:34	8.57	39.90	25.28	9.11	7.88	14.3	2.627	91.9
816	12/23/2012 0:16:34	8.44	39.30	24.85	9.16	7.87	13.1	2.621	91.9
817	12/23/2012 0:31:34	8.43	39.05	24.67	9.18	7.87	13.6	2.586	91.9
818	12/23/2012 0:46:34	8.45	39.28	24.84	9.14	7.87	12.9	2.553	91.6
819	12/23/2012 1:01:34	8.41	39.13	24.73	9.20	7.87	13.3	2.537	92.1
820	12/23/2012 1:16:34	8.44	39.30	24.85	9.14	7.87	13.3	2.532	91.6
821	12/23/2012 1:31:34	8.57	40.22	25.50	9.10	7.88	12.4	2.521	91.9
822	12/23/2012 1:46:34	8.61	40.27	25.53	9.07	7.88	12.0	2.539	91.7
823	12/23/2012 2:01:34	8.54	39.35	24.89	9.13	7.87	13.0	2.555	91.7
824	12/23/2012 2:16:34	8.66	40.59	25.76	9.04	7.88	13.1	2.594	91.6
825	12/23/2012 2:31:34	8.67	40.67	25.82	9.06	7.88	13.9	2.608	91.8
826	12/23/2012 2:46:34	8.74	41.03	26.07	9.02	7.88	16.1	2.654	91.7
827	12/23/2012 3:01:34	8.72	40.79	25.91	9.06	7.88	13.9	2.700	92.0
828	12/23/2012 3:16:34	8.77	40.90	25.98	9.05	7.88	16.0	2.731	92.1
829	12/23/2012 3:31:34	8.65	39.95	25.32	9.12	7.88	17.7	2.803	92.2
830	12/23/2012 3:46:34	8.64	39.80	25.21	9.14	7.88	13.5	2.849	92.2
831	12/23/2012 4:01:34	8.54	39.56	25.04	9.19	7.88	15.6	2.911	92.5
832	12/23/2012 4:16:34	8.67	40.55	25.73	9.15	7.88	18.1	2.984	92.7
833	12/23/2012 4:31:34	8.64	39.95	25.31	9.19	7.89	22.5	3.055	92.8
834	12/23/2012 4:46:34	8.61	39.63	25.09	9.20	7.88	17.0	3.132	92.7
835	12/23/2012 5:01:34	8.81	40.12	25.44	9.19	7.90	15.4	3.185	93.3
836	12/23/2012 5:16:34	8.96	40.84	25.96	9.16	7.91	18.7	3.271	93.6
837	12/23/2012 5:31:34	9.19	41.64	26.53	9.15	7.93	19.6	3.348	94.3
838	12/23/2012 5:46:34	9.31	42.14	26.89	9.14	7.94	21.5	3.419	94.6
839	12/23/2012 6:01:34	9.52	43.08	27.56	9.10	7.96	22.9	3.483	95.1
840	12/23/2012 6:16:34	9.58	43.15	27.62	9.12	7.96	22.0	3.522	95.5
841	12/23/2012 6:31:34	9.69	43.60	27.94	9.09	7.97	24.3	3.596	95.7
842	12/23/2012 6:46:34	9.86	44.46	28.56	9.06	7.98	25.2	3.635	96.0
843	12/23/2012 7:01:34	9.91	44.65	28.70	9.05	7.99	24.7	3.692	96.1
844	12/23/2012 7:16:34	9.76	43.89	28.15	9.04	7.98	19.1	3.717	95.3
845	12/23/2012 7:31:34	9.73	43.92	28.17	9.07	7.98	20.6	3.737	95.6
846	12/23/2012 7:46:34	9.66	43.71	28.02	9.05	7.98	22.7	3.791	95.1
847	12/23/2012 8:01:34	9.67	43.80	28.08	9.00	7.98	21.3	3.786	94.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
848	12/23/2012 8:16:34	9.64	43.68	27.99	9.02	7.98	22.3	3.785	94.8
849	12/23/2012 8:31:34	9.60	43.45	27.83	8.96	7.97	19.4	3.796	94.0
850	12/23/2012 8:46:34	9.85	44.47	28.57	8.94	7.98	15.2	3.763	94.7
851	12/23/2012 9:01:34	9.57	43.23	27.67	9.00	7.97	19.4	3.740	94.2
852	12/23/2012 9:16:34	9.54	43.12	27.59	9.05	7.97	21.1	3.697	94.7
853	12/23/2012 9:31:34	9.48	42.93	27.46	9.02	7.96	27.1	3.644	94.2
854	12/23/2012 9:46:34	9.33	41.61	26.51	9.09	7.95	27.5	3.585	94.0
855	12/23/2012 10:01:34	9.38	41.94	26.75	9.06	7.95	34.0	3.497	93.9
856	12/23/2012 10:16:34	9.32	40.77	25.93	9.09	7.94	63.2	3.463	93.6
857	12/23/2012 10:31:34	9.24	40.54	25.76	9.12	7.93	28.1	3.381	93.6
858	12/23/2012 10:46:34	9.34	42.36	27.04	9.02	7.94	36.4	3.259	93.6
859	12/23/2012 11:01:34	9.14	41.36	26.33	9.06	7.93	37.4	3.154	93.1
860	12/23/2012 11:16:34	9.10	41.06	26.12	9.06	7.92	41.5	3.057	93.0
861	12/23/2012 11:31:34	8.99	40.08	25.43	9.11	7.90	28.9	2.964	92.8
862	12/23/2012 11:46:34	9.03	40.16	25.48	9.10	7.90	27.8	2.847	92.8
863	12/23/2012 12:01:34	9.03	40.21	25.52	9.09	7.90	28.3	2.735	92.8
864	12/23/2012 12:16:34	9.13	40.32	25.60	9.07	7.90	27.9	2.654	92.8
865	12/23/2012 12:31:34	8.96	39.60	25.09	9.12	7.89	27.8	2.541	92.7
866	12/23/2012 12:46:34	9.06	40.02	25.39	9.10	7.90	26.9	2.451	92.8
867	12/23/2012 13:01:34	8.95	39.46	24.99	9.17	7.89	24.9	2.345	93.1
868	12/23/2012 13:16:34	8.77	38.95	24.63	9.17	7.88	26.7	2.254	92.5
869	12/23/2012 13:31:34	8.79	38.93	24.61	9.18	7.88	26.4	2.179	92.7
870	12/23/2012 13:46:34	8.83	38.84	24.55	9.24	7.89	23.7	2.079	93.2
871	12/23/2012 14:01:34	8.96	38.95	24.64	9.23	7.89	22.2	2.004	93.5
872	12/23/2012 14:16:34	8.89	38.60	24.39	9.28	7.89	22.2	1.928	93.7
873	12/23/2012 14:31:34	8.85	38.41	24.26	9.30	7.89	21.4	1.886	93.7
874	12/23/2012 14:46:34	8.77	38.35	24.21	9.26	7.89	23.4	1.857	93.2
875	12/23/2012 15:01:34	8.83	38.27	24.16	9.22	7.89	20.0	1.810	92.8
876	12/23/2012 15:16:34	8.62	38.73	24.47	9.11	7.87	24.7	1.831	91.5
877	12/23/2012 15:31:34	8.72	38.74	24.48	9.14	7.87	21.9	1.833	91.9
878	12/23/2012 15:46:34	8.83	38.23	24.13	9.27	7.88	17.0	1.870	93.3
879	12/23/2012 16:01:34	8.79	37.87	23.88	9.26	7.88	16.9	1.921	93.0
880	12/23/2012 16:16:34	8.80	38.66	24.43	9.14	7.87	23.6	1.962	92.2
881	12/23/2012 16:31:34	8.81	37.52	23.64	9.19	7.86	19.5	2.034	92.2
882	12/23/2012 16:46:34	8.82	38.18	24.10	9.15	7.87	23.1	2.129	92.1
883	12/23/2012 17:01:34	8.82	37.95	23.93	9.14	7.86	20.8	2.195	91.9
884	12/23/2012 17:16:34	8.83	37.81	23.84	9.13	7.86	21.4	2.254	91.7
885	12/23/2012 17:31:34	8.82	37.98	23.95	9.11	7.86	20.9	2.323	91.6
886	12/23/2012 17:46:34	8.81	38.14	24.07	9.10	7.86	23.0	2.399	91.6
887	12/23/2012 18:01:34	8.81	38.30	24.18	9.09	7.87	22.5	2.466	91.5
888	12/23/2012 18:16:34	8.81	38.26	24.15	9.10	7.87	20.9	2.513	91.6
889	12/23/2012 18:31:34	8.78	38.39	24.24	9.11	7.87	21.6	2.580	91.7
890	12/23/2012 18:46:34	8.78	38.42	24.26	9.12	7.87	21.1	2.638	91.8
891	12/23/2012 19:01:34	8.82	38.36	24.22	9.12	7.87	18.6	2.703	91.8
892	12/23/2012 19:16:34	8.84	38.47	24.30	9.11	7.87	18.3	2.752	91.8
893	12/23/2012 19:31:34	8.83	38.83	24.54	9.07	7.88	18.1	2.816	91.6
894	12/23/2012 19:46:34	8.83	39.22	24.81	9.05	7.88	18.8	2.880	91.5
895	12/23/2012 20:01:34	8.83	39.42	24.95	9.04	7.88	19.1	2.931	91.5
896	12/23/2012 20:16:34	8.84	39.67	25.13	9.01	7.89	18.8	2.979	91.3
897	12/23/2012 20:31:34	8.89	39.85	25.26	8.99	7.89	18.4	3.024	91.3
898	12/23/2012 20:46:34	8.91	39.82	25.24	8.98	7.89	17.1	3.072	91.2
899	12/23/2012 21:01:34	8.94	39.94	25.33	8.95	7.89	16.2	3.121	91.1
900	12/23/2012 21:16:34	8.95	39.94	25.33	8.90	7.89	13.6	3.138	90.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	12/23/2012 21:31:34	8.91	39.81	25.23	8.95	7.89	15.9	3.162	90.9
902	12/23/2012 21:46:34	8.91	39.87	25.27	8.95	7.89	16.8	3.164	91.0
903	12/23/2012 22:01:34	8.95	39.94	25.32	8.95	7.89	17.3	3.159	91.1
904	12/23/2012 22:16:34	8.93	39.90	25.30	8.96	7.89	17.5	3.136	91.0
905	12/23/2012 22:31:34	8.89	39.79	25.22	8.96	7.89	19.2	3.107	90.9
906	12/23/2012 22:46:34	8.87	39.62	25.10	8.99	7.88	19.3	3.057	91.1
907	12/23/2012 23:01:34	8.84	39.41	24.95	8.99	7.88	22.0	3.014	91.0
908	12/23/2012 23:16:34	8.81	39.16	24.77	9.01	7.88	22.7	2.966	91.0
909	12/23/2012 23:31:34	8.75	38.86	24.56	9.02	7.87	21.6	2.911	90.9
910	12/23/2012 23:46:34	8.73	38.85	24.56	9.02	7.87	21.3	2.873	90.8
911	12/24/2012 0:01:34	8.75	38.95	24.62	8.98	7.87	19.5	2.806	90.5
912	12/24/2012 0:16:34	8.64	38.31	24.18	8.98	7.86	16.4	2.783	90.1
913	12/24/2012 0:31:34	8.61	38.01	23.96	9.00	7.86	14.8	2.740	90.0
914	12/24/2012 0:46:34	8.62	37.92	23.90	8.99	7.86	14.6	2.684	90.0
915	12/24/2012 1:01:34	8.63	38.05	23.99	8.96	7.86	14.6	2.666	89.7
916	12/24/2012 1:16:34	8.67	38.31	24.18	8.89	7.86	15.2	2.642	89.2
917	12/24/2012 1:31:34	8.66	38.25	24.13	8.89	7.86	14.2	2.604	89.2
918	12/24/2012 1:46:34	8.61	38.06	24.00	8.84	7.86	13.4	2.597	88.4
919	12/24/2012 2:01:34	8.64	38.20	24.10	8.90	7.86	14.0	2.586	89.2
920	12/24/2012 2:16:34	8.65	38.17	24.08	8.94	7.86	14.4	2.584	89.6
921	12/24/2012 2:31:34	8.60	37.96	23.93	8.94	7.85	13.7	2.584	89.4
922	12/24/2012 2:46:34	8.61	37.90	23.89	8.98	7.85	13.6	2.600	89.8
923	12/24/2012 3:01:34	8.68	38.30	24.17	8.97	7.86	14.4	2.627	90.1
924	12/24/2012 3:16:34	8.67	38.23	24.12	8.97	7.86	14.7	2.654	89.9
925	12/24/2012 3:31:34	8.68	38.24	24.13	8.98	7.86	15.0	2.686	90.1
926	12/24/2012 3:46:34	8.70	38.34	24.20	8.95	7.86	15.5	2.724	89.9
927	12/24/2012 4:01:34	8.76	38.73	24.47	8.96	7.86	19.6	2.780	90.3
928	12/24/2012 4:16:34	8.80	38.95	24.63	8.95	7.87	18.6	2.825	90.4
929	12/24/2012 4:31:34	8.76	38.61	24.39	8.97	7.87	15.4	2.878	90.3
930	12/24/2012 4:46:34	8.86	39.17	24.79	8.94	7.88	15.2	2.969	90.5
931	12/24/2012 5:01:34	8.85	39.12	24.75	8.95	7.88	17.9	3.027	90.5
932	12/24/2012 5:16:34	9.16	40.86	25.98	8.85	7.91	23.1	3.098	90.9
933	12/24/2012 5:31:34	9.18	40.94	26.04	8.84	7.92	22.2	3.176	90.8
934	12/24/2012 5:46:34	9.22	41.10	26.15	8.82	7.92	21.3	3.252	90.7
935	12/24/2012 6:01:34	9.27	41.19	26.22	8.82	7.93	21.9	3.342	90.9
936	12/24/2012 6:16:34	9.46	42.09	26.86	8.75	7.94	22.9	3.418	90.9
937	12/24/2012 6:31:34	9.51	42.33	27.03	8.72	7.95	20.5	3.489	90.8
938	12/24/2012 6:46:34	9.63	42.77	27.35	8.68	7.96	19.3	3.575	90.8
939	12/24/2012 7:01:34	9.73	43.21	27.67	8.62	7.97	19.2	3.632	90.6
940	12/24/2012 7:16:34	9.84	43.77	28.07	8.57	7.98	18.1	3.696	90.5
941	12/24/2012 7:31:34	9.92	44.07	28.29	8.55	7.99	19.0	3.754	90.6
942	12/24/2012 7:46:34	9.90	43.97	28.22	8.53	7.98	17.0	3.805	90.3
943	12/24/2012 8:01:34	9.96	44.16	28.35	8.52	7.99	15.1	3.840	90.4
944	12/24/2012 8:16:34	10.00	44.38	28.51	8.45	7.99	15.0	3.870	89.8
945	12/24/2012 8:31:34	9.90	44.03	28.26	8.46	7.98	15.0	3.886	89.6
946	12/24/2012 8:46:34	9.94	44.29	28.45	8.42	7.99	16.4	3.891	89.3
947	12/24/2012 9:01:34	9.92	44.04	28.27	8.46	7.98	15.0	3.887	89.7
948	12/24/2012 9:16:34	9.67	43.05	27.55	8.56	7.97	14.4	3.849	89.8
949	12/24/2012 9:31:34	8.64	39.09	24.72	8.82	7.90	12.7	3.810	88.8
950	12/24/2012 9:46:34	8.76	39.34	24.90	8.79	7.90	13.6	3.774	88.8
951	12/24/2012 10:01:34	9.46	41.39	26.37	8.62	7.95	19.9	3.680	89.4
952	12/24/2012 10:16:34	9.14	40.41	25.67	8.71	7.93	23.9	3.594	89.2
953	12/24/2012 10:31:34	9.27	41.16	26.20	8.69	7.93	20.7	3.523	89.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	12/24/2012 10:46:34	9.10	40.40	25.65	8.75	7.92	18.3	3.409	89.5
955	12/24/2012 11:01:34	8.94	39.49	25.01	8.85	7.90	12.0	3.318	89.8
956	12/24/2012 11:16:34	8.96	39.38	24.94	8.86	7.90	12.5	3.222	89.9
957	12/24/2012 11:31:34	8.94	39.05	24.71	8.88	7.89	12.2	3.110	90.0
958	12/24/2012 11:46:34	9.00	39.23	24.84	8.87	7.90	11.4	3.017	90.1
959	12/24/2012 12:01:34	9.04	39.30	24.88	8.86	7.90	11.9	2.884	90.1
960	12/24/2012 12:16:34	9.02	39.14	24.77	8.91	7.90	12.1	2.783	90.5
961	12/24/2012 12:31:34	9.10	39.24	24.84	8.93	7.91	11.7	2.676	90.9
962	12/24/2012 12:46:34	9.10	39.07	24.73	8.95	7.90	11.9	2.557	91.0
963	12/24/2012 13:01:34	9.25	39.17	24.81	8.94	7.91	13.7	2.445	91.2
964	12/24/2012 13:16:34	8.91	38.45	24.29	9.03	7.89	13.6	2.337	91.2
965	12/24/2012 13:31:34	9.10	38.69	24.46	9.06	7.91	13.3	2.221	92.0
966	12/24/2012 13:46:34	9.10	38.60	24.40	9.15	7.91	12.8	2.096	92.8
967	12/24/2012 14:01:34	8.96	38.51	24.33	9.14	7.91	14.8	1.998	92.4
968	12/24/2012 14:16:34	8.95	38.52	24.34	9.12	7.90	15.3	1.907	92.2
969	12/24/2012 14:31:34	8.96	38.45	24.29	9.16	7.91	14.9	1.793	92.6
970	12/24/2012 14:46:34	8.90	38.27	24.16	9.16	7.91	14.5	1.727	92.4
971	12/24/2012 15:01:34	8.87	38.20	24.11	9.17	7.91	13.7	1.671	92.4
972	12/24/2012 15:16:34	8.88	38.17	24.09	9.13	7.91	14.1	1.629	92.0
973	12/24/2012 15:31:34	8.94	38.17	24.10	9.09	7.91	12.0	1.612	91.7
974	12/24/2012 15:46:34	8.90	38.22	24.12	9.13	7.91	12.7	1.595	92.1
975	12/24/2012 16:01:34	8.85	38.21	24.11	9.10	7.91	13.3	1.618	91.6
976	12/24/2012 16:16:34	8.84	38.26	24.15	9.06	7.90	12.3	1.660	91.2
977	12/24/2012 16:31:34	8.75	38.25	24.14	9.03	7.89	12.3	1.702	90.7
978	12/24/2012 16:46:34	8.76	38.08	24.02	9.03	7.89	12.1	1.756	90.7
979	12/24/2012 17:01:34	8.80	37.87	23.88	8.99	7.88	12.6	1.839	90.3
980	12/24/2012 17:16:34	8.88	37.87	23.88	8.96	7.88	12.9	1.883	90.1
981	12/24/2012 17:31:34	8.88	37.69	23.76	8.95	7.87	12.5	1.962	90.0
982	12/24/2012 17:46:34	8.90	37.81	23.84	8.93	7.87	13.4	2.030	89.9
983	12/24/2012 18:01:34	8.90	37.92	23.92	8.91	7.87	12.5	2.097	89.7
984	12/24/2012 18:16:34	8.89	38.02	23.98	8.89	7.87	13.0	2.175	89.5
985	12/24/2012 18:31:34	8.91	37.82	23.85	8.86	7.87	13.6	2.234	89.2
986	12/24/2012 18:46:34	8.94	37.90	23.91	8.83	7.87	13.1	2.324	89.0
987	12/24/2012 19:01:34	8.97	38.12	24.06	8.80	7.87	13.0	2.399	88.8
988	12/24/2012 19:16:34	8.99	37.98	23.97	8.79	7.87	14.0	2.479	88.7
989	12/24/2012 19:31:34	8.99	38.18	24.10	8.77	7.87	12.5	2.557	88.6
990	12/24/2012 19:46:34	8.96	38.11	24.05	8.77	7.87	13.0	2.632	88.5
991	12/24/2012 20:01:34	9.00	38.10	24.05	8.75	7.87	13.9	2.709	88.3
992	12/24/2012 20:16:34	9.03	38.45	24.30	8.73	7.88	15.1	2.775	88.3
993	12/24/2012 20:31:34	9.05	38.84	24.56	8.71	7.89	15.3	2.849	88.3
994	12/24/2012 20:46:34	9.06	39.11	24.75	8.68	7.89	17.3	2.907	88.2
995	12/24/2012 21:01:34	9.09	39.37	24.93	8.67	7.90	16.5	2.963	88.2
996	12/24/2012 21:16:34	9.11	39.44	24.98	8.66	7.90	16.0	3.029	88.2
997	12/24/2012 21:31:34	9.15	39.92	25.33	8.62	7.91	20.5	3.077	88.1
998	12/24/2012 21:46:34	9.24	40.43	25.69	8.58	7.92	25.8	3.128	88.0
999	12/24/2012 22:01:34	9.35	41.14	26.19	8.52	7.93	24.5	3.158	87.9
1000	12/24/2012 22:16:34	9.45	41.59	26.51	8.49	7.94	23.4	3.196	88.0
1001	12/24/2012 22:31:34	9.24	40.38	25.65	8.54	7.92	14.5	3.217	87.6
1002	12/24/2012 22:46:34	9.50	41.72	26.61	8.44	7.94	19.3	3.214	87.6
1003	12/24/2012 23:01:34	9.49	41.77	26.64	8.46	7.94	19.7	3.215	87.9
1004	12/24/2012 23:16:34	9.46	41.62	26.53	8.44	7.94	15.9	3.193	87.5
1005	12/24/2012 23:31:34	9.35	41.10	26.16	8.50	7.93	16.7	3.155	87.7
1006	12/24/2012 23:46:34	9.18	40.09	25.44	8.54	7.91	19.8	3.118	87.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
1007	12/25/2012 0:01:34	9.12	39.65	25.13	8.57	7.90	19.9	3.045	87.4
1008	12/25/2012 0:16:34	9.01	39.10	24.74	8.60	7.89	21.8	3.000	87.3
1009	12/25/2012 0:31:34	9.01	39.09	24.74	8.62	7.89	19.8	2.947	87.5
1010	12/25/2012 0:46:34	8.93	38.82	24.55	8.62	7.88	12.1	2.870	87.2
1011	12/25/2012 1:01:34	8.93	38.89	24.59	8.63	7.88	11.7	2.817	87.3
1012	12/25/2012 1:16:34	8.93	38.87	24.58	8.62	7.88	11.2	2.761	87.2
1013	12/25/2012 1:31:34	8.91	38.64	24.42	8.64	7.88	10.9	2.730	87.3
1014	12/25/2012 1:46:34	8.86	38.51	24.32	8.64	7.87	9.8	2.682	87.1
1015	12/25/2012 2:01:34	8.87	38.52	24.33	8.63	7.87	9.8	2.658	87.0
1016	12/25/2012 2:16:34	8.86	38.38	24.24	8.62	7.87	10.1	2.636	86.9
1017	12/25/2012 2:31:34	8.83	38.29	24.17	8.63	7.87	9.5	2.633	86.9
1018	12/25/2012 2:46:34	8.89	38.50	24.32	8.53	7.87	9.7	2.626	86.1
1019	12/25/2012 3:01:34	8.95	38.77	24.51	8.50	7.88	9.4	2.602	86.1
1020	12/25/2012 3:16:34	8.88	38.49	24.31	8.53	7.87	8.6	2.615	86.1
1021	12/25/2012 3:31:34	8.77	38.18	24.09	8.62	7.86	8.6	2.615	86.6
1022	12/25/2012 3:46:34	8.77	38.12	24.05	8.67	7.86	8.7	2.632	87.1
1023	12/25/2012 4:01:34	8.91	38.66	24.43	8.60	7.87	11.4	2.648	86.9
1024	12/25/2012 4:16:34	8.91	38.69	24.45	8.61	7.87	11.3	2.672	87.1
1025	12/25/2012 4:31:34	8.92	38.70	24.46	8.62	7.87	14.8	2.727	87.2
1026	12/25/2012 4:46:34	9.17	39.88	25.29	8.55	7.90	23.3	2.763	87.4
1027	12/25/2012 5:01:34	9.13	39.62	25.11	8.57	7.90	17.0	2.818	87.4
1028	12/25/2012 5:16:34	9.24	40.21	25.53	8.52	7.91	12.2	2.891	87.4
1029	12/25/2012 5:31:34	9.14	39.71	25.18	8.56	7.90	18.1	2.960	87.4
1030	12/25/2012 5:46:34	9.62	42.25	26.98	8.38	7.95	19.3	3.004	87.4
1031	12/25/2012 6:01:34	9.79	43.02	27.53	8.32	7.97	18.5	3.089	87.4
1032	12/25/2012 6:16:33	9.79	43.40	27.81	8.29	7.97	21.3	3.177	87.4
1033	12/25/2012 6:31:34	9.77	43.28	27.72	8.30	7.97	24.1	3.242	87.3
1034	12/25/2012 6:46:34	9.93	43.54	27.91	8.26	7.98	23.3	3.306	87.3
1035	12/25/2012 7:01:34	10.03	44.31	28.46	8.21	7.99	21.7	3.401	87.3
1036	12/25/2012 7:16:33	10.09	44.43	28.55	8.20	7.99	25.5	3.484	87.3
1037	12/25/2012 7:31:34	10.16	44.86	28.86	8.17	8.00	21.0	3.531	87.3
1038	12/25/2012 7:46:34	10.22	45.18	29.09	8.15	8.01	19.9	3.593	87.4
1039	12/25/2012 8:01:34	10.28	45.61	29.40	8.09	8.01	17.6	3.659	87.0
1040	12/25/2012 8:16:34	10.32	45.73	29.49	8.11	8.01	17.8	3.719	87.3
1041	12/25/2012 8:31:34	10.39	46.03	29.71	8.07	8.02	14.9	3.748	87.2
1042	12/25/2012 8:46:34	10.32	45.75	29.51	8.09	8.02	13.8	3.788	87.2
1043	12/25/2012 9:01:34	10.29	45.73	29.49	8.07	8.02	13.0	3.826	86.9
1044	12/25/2012 9:16:34	10.05	44.86	28.86	8.22	8.01	13.1	3.848	87.7
1045	12/25/2012 9:31:34	10.38	45.93	29.64	8.05	8.01	13.8	3.845	86.9
1046	12/25/2012 9:46:34	10.29	45.88	29.59	8.02	8.02	11.6	3.853	86.4
1047	12/25/2012 10:01:34	9.88	44.11	28.31	8.29	8.00	12.8	3.850	87.8
1048	12/25/2012 10:16:34	10.09	44.67	28.72	8.17	7.99	16.1	3.811	87.1
1049	12/25/2012 10:31:34	9.82	43.48	27.86	8.27	8.00	16.6	3.739	87.2
1050	12/25/2012 10:46:34	9.65	42.86	27.42	8.38	7.97	19.0	3.669	87.8
1051	12/25/2012 11:01:34	10.16	45.06	29.00	8.12	8.01	17.5	3.585	86.9
1052	12/25/2012 11:16:34	10.24	45.35	29.22	8.02	8.01	23.0	3.484	86.0
1053	12/25/2012 11:31:34	9.85	43.60	27.95	8.24	7.98	37.2	3.368	87.0
1054	12/25/2012 11:46:34	9.61	42.42	27.10	8.35	7.96	35.4	3.270	87.2
1055	12/25/2012 12:01:34	9.38	41.40	26.37	8.45	7.94	31.1	3.175	87.4
1056	12/25/2012 12:16:34	9.19	40.37	25.64	8.56	7.92	32.4	3.045	87.7
1057	12/25/2012 12:31:34	9.14	40.07	25.43	8.59	7.91	33.5	2.946	87.8
1058	12/25/2012 12:46:34	9.10	39.65	25.13	8.63	7.91	35.7	2.821	87.9
1059	12/25/2012 13:01:34	9.18	39.98	25.37	8.61	7.91	33.8	2.712	88.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	12/25/2012 13:16:34	9.26	40.23	25.54	8.59	7.92	34.0	2.602	88.1
1061	12/25/2012 13:31:34	9.14	39.54	25.06	8.63	7.91	37.9	2.494	88.0
1062	12/25/2012 13:46:34	9.09	39.10	24.75	8.67	7.91	35.7	2.376	88.1
1063	12/25/2012 14:01:34	9.19	39.57	25.08	8.64	7.92	33.0	2.255	88.2
1064	12/25/2012 14:16:34	9.16	39.43	24.98	8.66	7.92	32.4	2.155	88.3
1065	12/25/2012 14:31:34	9.07	39.04	24.71	8.68	7.91	33.6	2.031	88.2
1066	12/25/2012 14:46:34	8.95	38.43	24.28	8.74	7.90	33.0	1.927	88.3
1067	12/25/2012 15:01:34	8.88	38.20	24.11	8.76	7.89	32.5	1.826	88.3
1068	12/25/2012 15:16:34	8.85	38.19	24.10	8.77	7.89	32.8	1.720	88.3
1069	12/25/2012 15:31:34	8.80	38.08	24.02	8.77	7.89	34.1	1.648	88.2
1070	12/25/2012 15:46:34	8.77	38.07	24.02	8.78	7.89	32.5	1.602	88.2
1071	12/25/2012 16:01:34	8.77	38.02	23.98	8.77	7.89	29.3	1.553	88.1
1072	12/25/2012 16:16:34	8.81	37.93	23.92	8.72	7.88	32.2	1.542	87.6
1073	12/25/2012 16:31:34	8.81	38.23	24.13	8.73	7.88	26.8	1.555	87.9
1074	12/25/2012 16:46:34	8.92	38.39	24.25	8.67	7.89	25.4	1.577	87.5
1075	12/25/2012 17:01:34	8.90	38.41	24.26	8.69	7.89	25.6	1.619	87.7
1076	12/25/2012 17:16:34	8.90	38.24	24.14	8.68	7.89	26.8	1.679	87.5
1077	12/25/2012 17:31:34	8.89	37.56	23.67	8.73	7.88	23.6	1.733	87.7
1078	12/25/2012 17:46:34	8.89	37.44	23.59	8.72	7.88	22.0	1.806	87.7
1079	12/25/2012 18:01:34	8.90	37.38	23.54	8.72	7.88	21.6	1.875	87.6
1080	12/25/2012 18:16:34	8.91	37.69	23.76	8.71	7.88	18.9	1.954	87.6
1081	12/25/2012 18:31:34	8.91	38.11	24.05	8.68	7.88	21.4	2.040	87.5
1082	12/25/2012 18:46:34	8.96	37.83	23.86	8.67	7.88	22.9	2.102	87.4
1083	12/25/2012 19:01:34	8.99	37.82	23.86	8.67	7.88	19.8	2.182	87.4
1084	12/25/2012 19:16:34	9.03	38.23	24.14	8.62	7.89	20.8	2.272	87.2
1085	12/25/2012 19:31:34	9.06	38.60	24.40	8.61	7.89	22.8	2.354	87.3
1086	12/25/2012 19:46:34	9.03	38.45	24.29	8.63	7.89	21.9	2.433	87.4
1087	12/25/2012 20:01:34	9.08	38.87	24.59	8.59	7.90	25.9	2.520	87.2
1088	12/25/2012 20:16:34	9.20	39.94	25.34	8.52	7.91	24.1	2.606	87.2
1089	12/25/2012 20:31:34	9.22	40.13	25.47	8.50	7.92	23.6	2.681	87.1
1090	12/25/2012 20:46:34	9.30	40.76	25.92	8.45	7.92	38.6	2.771	87.0
1091	12/25/2012 21:01:34	9.31	40.78	25.93	8.44	7.92	36.0	2.847	86.9
1092	12/25/2012 21:16:34	9.32	40.72	25.89	8.44	7.92	29.2	2.937	86.9
1093	12/25/2012 21:31:34	9.35	40.77	25.93	8.43	7.93	35.3	3.005	86.8
1094	12/25/2012 21:46:34	9.39	41.03	26.11	8.40	7.93	40.7	3.078	86.8
1095	12/25/2012 22:01:34	9.49	41.67	26.57	8.34	7.94	72.5	3.151	86.6
1096	12/25/2012 22:16:34	9.67	42.60	27.23	8.26	7.96	90.2	3.217	86.4
1097	12/25/2012 22:31:34	9.76	43.10	27.59	8.23	7.97	46.8	3.264	86.6
1098	12/25/2012 22:46:34	9.81	43.36	27.78	8.19	7.98	29.2	3.299	86.2
1099	12/25/2012 23:01:34	9.85	43.60	27.95	8.13	7.98	18.6	3.334	85.8
1100	12/25/2012 23:16:34	9.81	43.38	27.79	8.17	7.98	20.2	3.350	86.1
1101	12/25/2012 23:31:34	9.85	43.63	27.97	8.16	7.98	22.0	3.327	86.1
1102	12/25/2012 23:46:34	9.84	43.55	27.91	8.16	7.98	22.0	3.300	86.1
1103	12/26/2012 0:01:34	9.78	43.20	27.67	8.18	7.97	22.8	3.273	86.1
1104	12/26/2012 0:16:34	9.49	41.61	26.53	8.29	7.96	24.1	3.213	86.0
1105	12/26/2012 0:31:34	9.48	41.54	26.48	8.29	7.94	31.6	3.161	85.9
1106	12/26/2012 0:46:34	9.33	40.90	26.02	8.35	7.93	32.7	3.088	86.0
1107	12/26/2012 1:01:34	9.20	40.22	25.53	8.38	7.92	35.1	3.033	85.9
1108	12/26/2012 1:16:34	9.20	40.27	25.57	8.36	7.91	23.6	2.965	85.6
1109	12/26/2012 1:31:34	9.15	40.16	25.49	8.34	7.91	15.6	2.905	85.4
1110	12/26/2012 1:46:34	9.11	39.79	25.23	8.42	7.91	17.2	2.851	85.9
1111	12/26/2012 2:01:34	9.10	39.77	25.22	8.41	7.91	15.1	2.799	85.7
1112	12/26/2012 2:16:34	9.06	39.65	25.13	8.41	7.90	14.3	2.753	85.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
1113	12/26/2012 2:31:34	9.02	39.36	24.93	8.44	7.90	13.1	2.722	85.8
1114	12/26/2012 2:46:34	9.00	39.29	24.88	8.43	7.90	12.9	2.681	85.6
1115	12/26/2012 3:01:34	8.97	39.18	24.80	8.44	7.90	12.6	2.651	85.6
1116	12/26/2012 3:16:34	8.95	39.12	24.76	8.44	7.90	13.1	2.641	85.5
1117	12/26/2012 3:31:34	9.03	39.14	24.78	8.38	7.90	12.9	2.629	85.2
1118	12/26/2012 3:46:34	9.01	39.00	24.67	8.40	7.90	13.2	2.607	85.2
1119	12/26/2012 4:01:34	8.96	38.95	24.64	8.40	7.89	13.0	2.613	85.1
1120	12/26/2012 4:16:34	9.07	39.56	25.07	8.41	7.90	13.1	2.631	85.7
1121	12/26/2012 4:31:34	9.14	39.82	25.25	8.34	7.91	13.8	2.652	85.1
1122	12/26/2012 4:46:34	9.13	39.74	25.20	8.39	7.91	15.2	2.681	85.6
1123	12/26/2012 5:01:34	9.20	40.14	25.48	8.33	7.91	17.5	2.706	85.3
1124	12/26/2012 5:16:34	9.18	40.02	25.39	8.36	7.91	19.8	2.748	85.6
1125	12/26/2012 5:31:34	9.35	40.93	26.04	8.29	7.93	29.3	2.810	85.5
1126	12/26/2012 5:46:34	9.42	41.29	26.30	8.26	7.93	22.5	2.852	85.5
1127	12/26/2012 6:01:34	9.29	40.57	25.79	8.33	7.92	17.5	2.922	85.6
1128	12/26/2012 6:16:33	9.37	40.97	26.07	8.29	7.93	14.8	2.984	85.6
1129	12/26/2012 6:31:33	9.31	40.72	25.90	8.33	7.92	16.3	3.053	85.7
1130	12/26/2012 6:46:33	9.54	41.82	26.68	8.25	7.95	17.4	3.134	85.8
1131	12/26/2012 7:01:33	9.71	42.56	27.21	8.21	7.97	18.9	3.191	86.0
1132	12/26/2012 7:16:33	9.79	42.88	27.44	8.20	7.98	19.1	3.269	86.2
1133	12/26/2012 7:31:33	9.79	42.84	27.41	8.19	7.98	21.1	3.345	86.0
1134	12/26/2012 7:46:33	9.87	43.20	27.67	8.16	7.98	21.7	3.435	86.0
1135	12/26/2012 8:01:33	9.88	43.18	27.65	8.15	7.99	21.5	3.500	85.9
1136	12/26/2012 8:16:33	9.81	43.06	27.57	8.16	7.98	17.4	3.568	85.9
1137	12/26/2012 8:31:33	9.91	43.44	27.84	8.12	7.99	16.5	3.645	85.8
1138	12/26/2012 8:46:33	10.11	44.21	28.40	8.07	8.00	18.9	3.704	85.9
1139	12/26/2012 9:01:33	10.16	44.34	28.49	8.07	8.01	23.8	3.764	86.1
1140	12/26/2012 9:16:33	10.23	44.51	28.62	8.05	8.02	19.4	3.832	86.1
1141	12/26/2012 9:31:33	10.15	44.22	28.41	8.07	8.01	13.1	3.848	86.0
1142	12/26/2012 9:46:33	10.25	44.57	28.66	8.01	8.02	13.7	3.879	85.7
1143	12/26/2012 10:01:33	10.17	44.34	28.49	7.99	8.02	11.1	3.887	85.2
1144	12/26/2012 10:16:33	10.27	44.60	28.68	8.02	8.02	14.7	3.899	85.9
1145	12/26/2012 10:31:33	10.25	44.56	28.65	8.01	8.02	15.7	3.869	85.7
1146	12/26/2012 10:46:33	10.24	44.54	28.64	8.02	8.02	18.3	3.830	85.8
1147	12/26/2012 11:01:33	9.97	43.37	27.80	8.04	8.00	22.4	3.790	85.0
1148	12/26/2012 11:16:33	9.62	41.72	26.61	8.15	7.97	17.5	3.717	84.9
1149	12/26/2012 11:31:33	9.95	43.03	27.55	8.07	7.99	23.0	3.617	85.1
1150	12/26/2012 11:46:33	9.60	41.29	26.31	8.19	7.97	23.0	3.526	85.1
1151	12/26/2012 12:01:33	9.49	40.74	25.91	8.23	7.96	17.2	3.436	85.1
1152	12/26/2012 12:16:33	9.57	41.43	26.40	8.18	7.96	18.7	3.310	85.0
1153	12/26/2012 12:31:33	9.59	41.56	26.50	8.15	7.96	20.5	3.225	84.8
1154	12/26/2012 12:46:33	9.49	40.92	26.04	8.22	7.94	22.4	3.118	85.0
1155	12/26/2012 13:01:33	9.45	40.77	25.94	8.24	7.94	19.9	3.008	85.1
1156	12/26/2012 13:16:33	9.38	40.50	25.74	8.25	7.94	22.4	2.878	85.0
1157	12/26/2012 13:31:33	9.43	40.26	25.57	8.28	7.94	13.7	2.759	85.3
1158	12/26/2012 13:46:33	9.45	40.48	25.73	8.30	7.94	11.9	2.631	85.6
1159	12/26/2012 14:01:33	9.26	39.71	25.18	8.38	7.92	15.0	2.525	85.8
1160	12/26/2012 14:16:33	9.32	39.79	25.24	8.35	7.92	14.7	2.401	85.6
1161	12/26/2012 14:31:33	9.31	39.61	25.12	8.46	7.93	13.9	2.233	86.7
1162	12/26/2012 14:46:33	9.21	39.28	24.88	8.40	7.91	17.3	2.157	85.7
1163	12/26/2012 15:01:33	9.14	39.09	24.74	8.44	7.91	17.6	2.023	85.9
1164	12/26/2012 15:16:33	9.17	39.07	24.73	8.46	7.92	20.2	1.869	86.1
1165	12/26/2012 15:31:33	9.06	38.70	24.47	8.47	7.91	20.5	1.754	85.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	12/26/2012 15:46:33	8.99	38.38	24.25	8.47	7.89	21.2	1.653	85.7
1167	12/26/2012 16:01:33	8.93	38.10	24.05	8.50	7.89	23.8	1.562	85.7
1168	12/26/2012 16:16:33	8.88	37.87	23.88	8.49	7.89	22.0	1.454	85.5
1169	12/26/2012 16:31:33	8.84	37.80	23.83	8.49	7.88	15.6	1.426	85.3
1170	12/26/2012 16:46:33	8.89	37.82	23.85	8.47	7.88	18.6	1.414	85.3
1171	12/26/2012 17:01:33	8.89	37.90	23.91	8.47	7.89	17.3	1.403	85.2
1172	12/26/2012 17:16:33	8.92	38.07	24.02	8.44	7.89	18.1	1.418	85.1
1173	12/26/2012 17:31:33	8.90	38.04	24.00	8.47	7.89	15.9	1.475	85.4
1174	12/26/2012 17:46:33	8.87	37.97	23.95	8.47	7.89	12.8	1.553	85.3
1175	12/26/2012 18:01:33	8.89	38.02	23.98	8.44	7.88	13.9	1.581	84.9
1176	12/26/2012 18:16:33	8.91	38.03	23.99	8.42	7.88	14.5	1.673	84.8
1177	12/26/2012 18:31:33	8.93	37.65	23.74	8.43	7.88	15.3	1.760	84.8
1178	12/26/2012 18:46:33	8.97	37.87	23.89	8.39	7.88	15.3	1.798	84.6
1179	12/26/2012 19:01:33	9.00	38.05	24.02	8.39	7.88	15.5	1.905	84.7
1180	12/26/2012 19:16:33	9.03	37.72	23.79	8.38	7.87	15.4	1.959	84.6
1181	12/26/2012 19:31:33	9.05	38.01	23.99	8.36	7.88	14.4	2.046	84.5
1182	12/26/2012 19:46:33	9.13	38.17	24.10	8.32	7.88	16.6	2.151	84.4
1183	12/26/2012 20:01:33	9.18	38.68	24.46	8.29	7.89	18.4	2.226	84.3
1184	12/26/2012 20:16:33	9.19	38.65	24.44	8.29	7.89	17.3	2.327	84.4
1185	12/26/2012 20:31:33	9.23	39.02	24.70	8.27	7.89	21.8	2.427	84.4
1186	12/26/2012 20:46:33	9.24	38.97	24.67	8.28	7.89	21.8	2.528	84.4
1187	12/26/2012 21:01:33	9.27	39.13	24.78	8.26	7.90	24.9	2.565	84.4
1188	12/26/2012 21:16:33	9.29	39.64	25.13	8.24	7.91	26.3	2.684	84.4
1189	12/26/2012 21:31:33	9.31	39.65	25.14	8.24	7.91	25.8	2.746	84.4
1190	12/26/2012 21:46:33	9.33	39.71	25.19	8.24	7.91	31.9	2.841	84.5
1191	12/26/2012 22:01:33	9.36	39.74	25.21	8.23	7.91	33.3	2.915	84.4
1192	12/26/2012 22:16:33	9.39	39.88	25.31	8.22	7.92	35.1	2.970	84.4
1193	12/26/2012 22:31:33	9.44	40.16	25.50	8.20	7.92	52.3	3.036	84.4
1194	12/26/2012 22:46:33	9.55	40.65	25.85	8.19	7.94	47.5	3.144	84.8
1195	12/26/2012 23:01:33	9.70	41.32	26.34	8.21	7.95	44.4	3.188	85.5
1196	12/26/2012 23:16:33	9.78	41.73	26.63	8.22	7.96	33.5	3.227	85.9
1197	12/26/2012 23:31:33	9.86	42.25	26.99	8.24	7.97	23.6	3.271	86.5
1198	12/26/2012 23:46:33	9.83	41.94	26.77	8.20	7.96	18.0	3.302	85.9
1199	12/27/2012 0:01:33	9.86	42.19	26.96	8.23	7.97	19.2	3.312	86.4
1200	12/27/2012 0:16:33	9.88	42.35	27.07	8.28	7.97	25.3	3.281	87.0
1201	12/27/2012 0:31:33	9.82	42.05	26.85	8.25	7.96	22.2	3.280	86.5
1202	12/27/2012 0:46:33	9.78	41.79	26.67	8.22	7.96	21.4	3.233	86.0
1203	12/27/2012 1:01:33	9.59	40.80	25.97	8.17	7.94	26.2	3.182	84.7
1204	12/27/2012 1:16:33	9.52	40.45	25.72	8.16	7.93	31.0	3.127	84.3
1205	12/27/2012 1:31:33	9.37	39.64	25.14	8.17	7.91	39.9	3.058	83.8
1206	12/27/2012 1:46:33	9.35	39.53	25.06	8.17	7.91	27.8	3.008	83.7
1207	12/27/2012 2:01:33	9.10	38.64	24.43	8.18	7.89	18.1	2.940	83.1
1208	12/27/2012 2:16:33	9.07	38.58	24.39	8.16	7.88	15.8	2.857	82.8
1209	12/27/2012 2:31:33	9.06	38.56	24.37	8.17	7.88	13.7	2.821	82.8
1210	12/27/2012 2:46:33	9.03	38.19	24.12	8.19	7.88	13.9	2.770	82.8
1211	12/27/2012 3:01:33	9.02	37.98	23.97	8.17	7.87	13.1	2.734	82.6
1212	12/27/2012 3:16:33	9.05	38.27	24.17	8.16	7.88	13.3	2.661	82.5
1213	12/27/2012 3:31:33	9.04	38.16	24.09	8.19	7.88	13.3	2.620	82.8
1214	12/27/2012 3:46:33	9.03	38.11	24.06	8.17	7.87	12.9	2.604	82.6
1215	12/27/2012 4:01:33	9.03	38.13	24.07	8.18	7.88	12.5	2.572	82.7
1216	12/27/2012 4:16:33	9.09	38.40	24.26	8.09	7.88	11.6	2.561	82.0
1217	12/27/2012 4:31:33	9.02	38.07	24.03	8.14	7.87	11.7	2.562	82.2
1218	12/27/2012 4:46:33	9.02	38.00	23.98	8.17	7.87	12.1	2.560	82.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1219	12/27/2012 5:01:33	9.03	38.01	23.99	8.21	7.87	11.7	2.545	82.9
1220	12/27/2012 5:16:33	9.09	38.34	24.22	8.18	7.88	13.7	2.592	82.8
1221	12/27/2012 5:31:33	9.06	38.07	24.03	8.21	7.88	13.4	2.632	83.0
1222	12/27/2012 5:46:33	9.08	38.20	24.12	8.21	7.88	15.1	2.677	83.1
1223	12/27/2012 6:01:33	9.21	38.80	24.55	8.18	7.89	30.4	2.740	83.3
1224	12/27/2012 6:16:33	9.37	39.62	25.13	8.20	7.91	23.4	2.790	84.1
1225	12/27/2012 6:31:33	9.33	39.36	24.94	8.21	7.91	16.2	2.863	84.0
1226	12/27/2012 6:46:33	9.39	39.46	25.01	8.22	7.91	15.8	2.919	84.2
1227	12/27/2012 7:01:34	9.42	39.66	25.16	8.20	7.92	20.6	2.999	84.2
1228	12/27/2012 7:16:33	9.93	42.16	26.93	8.23	7.97	20.9	3.070	86.5
1229	12/27/2012 7:31:33	9.95	42.28	27.03	8.23	7.98	21.5	3.155	86.6
1230	12/27/2012 7:46:33	9.96	42.27	27.02	8.22	7.98	23.1	3.225	86.5
1231	12/27/2012 8:01:33	10.00	42.47	27.16	8.20	7.98	20.2	3.295	86.4
1232	12/27/2012 8:16:33	10.31	43.67	28.03	8.20	8.01	23.1	3.400	87.5
1233	12/27/2012 8:31:33	10.25	43.35	27.79	8.20	8.00	22.0	3.467	87.2
1234	12/27/2012 8:46:33	10.24	43.13	27.64	8.23	8.01	22.5	3.533	87.5
1235	12/27/2012 9:01:33	10.35	43.61	27.99	8.20	8.02	19.8	3.633	87.6
1236	12/27/2012 9:16:33	10.55	44.48	28.61	8.19	8.03	17.0	3.699	88.1
1237	12/27/2012 9:31:33	10.61	44.91	28.92	8.18	8.04	19.9	3.774	88.4
1238	12/27/2012 9:46:33	10.60	44.86	28.89	8.17	8.03	17.7	3.826	88.2
1239	12/27/2012 10:01:33	10.61	44.91	28.92	8.14	8.04	16.6	3.882	87.9
1240	12/27/2012 10:16:33	10.62	44.93	28.94	8.12	8.04	14.6	3.919	87.8
1241	12/27/2012 10:31:33	10.58	44.70	28.77	8.11	8.03	11.9	3.932	87.5
1242	12/27/2012 10:46:33	10.62	44.96	28.96	8.12	8.03	16.0	3.941	87.8
1243	12/27/2012 11:01:33	10.62	44.95	28.95	8.12	8.04	15.1	3.938	87.7
1244	12/27/2012 11:16:33	10.61	44.86	28.89	8.09	8.03	15.4	3.887	87.3
1245	12/27/2012 11:31:33	10.59	44.86	28.89	8.09	8.03	20.7	3.815	87.3
1246	12/27/2012 11:46:33	10.15	42.18	26.96	8.14	8.00	18.5	3.758	85.9
1247	12/27/2012 12:01:33	10.21	42.03	26.86	8.10	8.00	17.1	3.664	85.6
1248	12/27/2012 12:16:33	10.31	42.20	26.98	8.09	8.00	22.1	3.551	85.8
1249	12/27/2012 12:31:33	10.08	39.91	25.36	8.21	7.98	17.3	3.455	85.6
1250	12/27/2012 12:46:33	10.09	40.22	25.58	8.17	7.96	15.3	3.338	85.4
1251	12/27/2012 13:01:33	10.04	40.45	25.74	8.16	7.96	19.3	3.251	85.3
1252	12/27/2012 13:16:33	10.07	40.93	26.08	8.15	7.97	19.1	3.132	85.4
1253	12/27/2012 13:31:33	10.05	40.04	25.45	8.17	7.95	13.0	3.003	85.3
1254	12/27/2012 13:46:33	9.94	39.70	25.21	8.18	7.94	11.6	2.885	85.0
1255	12/27/2012 14:01:33	9.94	40.00	25.42	8.18	7.94	14.4	2.769	85.1
1256	12/27/2012 14:16:33	10.06	39.86	25.33	8.17	7.94	13.7	2.639	85.3
1257	12/27/2012 14:31:33	9.77	39.16	24.83	8.31	7.93	12.6	2.501	85.8
1258	12/27/2012 14:46:33	9.68	38.91	24.65	8.22	7.92	14.6	2.379	84.7
1259	12/27/2012 15:01:33	9.71	38.81	24.58	8.34	7.93	13.9	2.245	85.9
1260	12/27/2012 15:16:34	10.10	38.97	24.71	8.41	7.96	13.7	2.107	87.4
1261	12/27/2012 15:31:34	9.60	38.34	24.24	8.41	7.93	18.2	1.959	86.2
1262	12/27/2012 15:46:33	9.44	37.88	23.92	8.44	7.92	18.6	1.819	86.1
1263	12/27/2012 16:01:34	9.41	37.80	23.86	8.42	7.92	16.9	1.695	85.8
1264	12/27/2012 16:16:33	9.27	37.39	23.57	8.38	7.90	21.5	1.607	84.9
1265	12/27/2012 16:31:33	9.23	37.19	23.43	8.38	7.90	16.9	1.497	84.7
1266	12/27/2012 16:46:33	9.22	37.10	23.37	8.36	7.89	17.8	1.405	84.5
1267	12/27/2012 17:01:33	9.21	37.01	23.31	8.35	7.89	15.5	1.353	84.3
1268	12/27/2012 17:16:34	9.20	36.99	23.29	8.31	7.89	13.6	1.307	84.0
1269	12/27/2012 17:31:33	9.19	37.05	23.33	8.32	7.89	14.5	1.320	84.0
1270	12/27/2012 17:46:33	9.23	37.20	23.44	8.33	7.89	14.5	1.342	84.3
1271	12/27/2012 18:01:33	9.23	37.31	23.52	8.33	7.89	14.5	1.369	84.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1272	12/27/2012 18:16:33	9.19	37.32	23.52	8.33	7.89	12.3	1.433	84.2
1273	12/27/2012 18:31:33	9.16	37.17	23.41	8.33	7.89	12.0	1.500	84.1
1274	12/27/2012 18:46:33	9.21	37.20	23.44	8.32	7.89	11.5	1.566	84.1
1275	12/27/2012 19:01:33	9.25	37.26	23.48	8.30	7.88	13.0	1.645	84.0
1276	12/27/2012 19:16:33	9.28	37.15	23.41	8.30	7.88	13.3	1.732	84.0
1277	12/27/2012 19:31:34	9.32	37.16	23.41	8.29	7.88	13.5	1.807	84.0
1278	12/27/2012 19:46:33	9.34	37.12	23.39	8.28	7.88	13.7	1.880	83.9
1279	12/27/2012 20:01:34	9.45	37.35	23.55	8.25	7.89	14.1	1.965	83.9
1280	12/27/2012 20:16:34	9.54	37.54	23.68	8.21	7.89	14.2	2.057	83.8
1281	12/27/2012 20:31:33	9.60	38.06	24.05	8.16	7.89	15.7	2.154	83.6
1282	12/27/2012 20:46:33	9.64	38.37	24.27	8.15	7.90	17.6	2.243	83.6
1283	12/27/2012 21:01:34	9.67	38.62	24.45	8.12	7.90	20.0	2.349	83.5
1284	12/27/2012 21:16:34	9.65	38.02	24.03	8.16	7.89	16.1	2.454	83.6
1285	12/27/2012 21:31:33	9.75	39.39	24.98	8.11	7.91	20.4	2.534	83.8
1286	12/27/2012 21:46:33	9.77	39.54	25.09	8.11	7.92	23.8	2.639	84.0
1287	12/27/2012 22:01:33	9.81	39.66	25.18	8.12	7.92	29.8	2.725	84.1
1288	12/27/2012 22:16:33	9.84	39.82	25.29	8.12	7.92	27.4	2.798	84.2
1289	12/27/2012 22:31:33	9.86	39.83	25.30	8.12	7.93	24.8	2.885	84.3
1290	12/27/2012 22:46:34	9.88	39.93	25.37	8.13	7.94	28.5	2.963	84.5
1291	12/27/2012 23:01:34	9.92	40.15	25.53	8.12	7.94	43.2	3.028	84.5
1292	12/27/2012 23:16:34	10.00	40.72	25.93	8.17	7.96	44.8	3.096	85.4
1293	12/27/2012 23:31:33	10.06	41.22	26.28	8.21	7.96	41.0	3.163	86.2
1294	12/27/2012 23:46:33	10.08	41.46	26.46	8.21	7.97	27.5	3.213	86.3
1295	12/28/2012 0:01:33	10.13	41.78	26.68	8.18	7.98	25.5	3.266	86.2
1296	12/28/2012 0:16:33	10.16	42.00	26.83	8.15	7.98	15.1	3.300	86.0
1297	12/28/2012 0:31:33	10.14	41.96	26.81	8.17	7.98	15.3	3.321	86.1
1298	12/28/2012 0:46:34	10.21	42.26	27.02	8.13	7.99	18.4	3.328	86.1
1299	12/28/2012 1:01:34	10.20	42.19	26.97	8.16	7.99	18.8	3.299	86.3
1300	12/28/2012 1:16:34	10.16	41.95	26.80	8.16	7.98	19.8	3.261	86.1
1301	12/28/2012 1:31:33	10.07	41.39	26.40	8.14	7.97	23.6	3.220	85.5
1302	12/28/2012 1:46:34	9.98	40.85	26.01	8.12	7.96	21.9	3.160	84.9
1303	12/28/2012 2:01:33	9.75	39.76	25.25	8.08	7.93	29.7	3.083	83.6
1304	12/28/2012 2:16:34	9.82	39.97	25.39	8.06	7.94	27.7	3.009	83.6
1305	12/28/2012 2:31:34	9.65	39.55	25.09	8.01	7.92	21.4	2.948	82.7
1306	12/28/2012 2:46:33	9.51	39.16	24.81	8.07	7.91	15.1	2.869	82.9
1307	12/28/2012 3:01:34	9.47	39.17	24.82	8.07	7.91	12.0	2.806	82.8
1308	12/28/2012 3:16:34	9.44	39.00	24.70	8.09	7.91	13.0	2.741	82.9
1309	12/28/2012 3:31:34	9.39	38.86	24.60	8.08	7.91	11.5	2.690	82.7
1310	12/28/2012 3:46:34	9.35	38.46	24.31	8.09	7.90	12.0	2.644	82.5
1311	12/28/2012 4:01:34	9.35	38.50	24.34	8.08	7.90	10.9	2.590	82.4
1312	12/28/2012 4:16:34	9.32	38.60	24.41	8.06	7.90	10.4	2.545	82.2
1313	12/28/2012 4:31:34	9.34	38.41	24.28	8.05	7.89	10.6	2.523	82.1
1314	12/28/2012 4:46:34	9.33	38.31	24.21	8.04	7.89	9.9	2.504	81.9
1315	12/28/2012 5:01:34	9.35	38.32	24.22	7.98	7.89	9.1	2.478	81.3
1316	12/28/2012 5:16:34	9.41	38.66	24.46	8.02	7.90	10.6	2.485	82.0
1317	12/28/2012 5:31:34	9.39	38.54	24.38	7.99	7.89	10.8	2.497	81.7
1318	12/28/2012 5:46:33	9.31	38.43	24.29	8.02	7.88	11.1	2.523	81.7
1319	12/28/2012 6:01:34	9.46	38.73	24.51	8.08	7.90	11.9	2.549	82.7
1320	12/28/2012 6:16:34	9.39	38.56	24.39	8.08	7.90	13.1	2.593	82.5
1321	12/28/2012 6:31:34	9.38	38.55	24.38	8.06	7.89	15.0	2.642	82.3
1322	12/28/2012 6:46:33	9.56	39.15	24.81	8.06	7.91	22.7	2.698	82.9
1323	12/28/2012 7:01:33	9.50	38.98	24.68	8.10	7.90	12.6	2.766	83.1
1324	12/28/2012 7:16:34	9.66	39.60	25.12	8.10	7.92	13.1	2.830	83.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1325	12/28/2012 7:31:34	9.66	39.69	25.19	8.10	7.93	13.2	2.896	83.7
1326	12/28/2012 7:46:34	9.64	39.57	25.10	8.12	7.93	18.3	2.984	83.8
1327	12/28/2012 8:01:34	9.66	39.77	25.25	8.12	7.93	13.8	3.041	83.9
1328	12/28/2012 8:16:34	9.77	40.60	25.83	8.13	7.95	14.1	3.134	84.5
1329	12/28/2012 8:31:34	9.94	41.67	26.59	8.12	7.97	18.5	3.200	85.1
1330	12/28/2012 8:46:33	9.92	41.63	26.56	8.12	7.96	18.4	3.287	85.1
1331	12/28/2012 9:01:33	10.05	42.18	26.96	8.12	7.98	18.1	3.384	85.6
1332	12/28/2012 9:16:33	10.26	43.41	27.84	8.10	7.99	20.3	3.470	86.2
1333	12/28/2012 9:31:33	10.29	43.71	28.05	8.10	8.00	20.5	3.550	86.4
1334	12/28/2012 9:46:34	10.52	45.15	29.09	8.08	8.02	26.1	3.629	87.2
1335	12/28/2012 10:01:34	10.50	45.18	29.11	8.04	8.02	27.4	3.693	86.8
1336	12/28/2012 10:16:33	10.49	45.24	29.15	8.02	8.02	26.4	3.759	86.5
1337	12/28/2012 10:31:34	10.47	45.39	29.26	7.99	8.02	25.8	3.816	86.2
1338	12/28/2012 10:46:33	10.47	45.46	29.31	7.97	8.02	18.7	3.869	86.0
1339	12/28/2012 11:01:34	10.47	45.53	29.36	7.93	8.02	14.6	3.888	85.6
1340	12/28/2012 11:16:34	10.46	45.33	29.21	7.94	8.02	13.6	3.903	85.6
	Mean	9.50	43.63	27.97	8.89	7.93	18.43	2.78	93.13
	Minimum	8.37	36.99	23.29	7.93	7.85	5.90	0.77	81.30
	Maximum	11.50	50.07	32.63	9.82	8.04	90.20	4.27	107.50

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries
pH	7.0 - 8.5 (range)	NCRWQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries