

sonde #4		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		
0	12/31/2009 10:31	10.73	49.89	32.51	8.88	8.13	2.7	4.26	98.4
1	12/31/2009 10:46	10.70	49.82	32.46	8.90	8.14	0.7	4.28	98.5
2	12/31/2009 11:01	10.62	49.67	32.34	8.82	8.14	0.6	4.29	97.3
3	12/31/2009 11:16	10.64	49.75	32.40	8.79	8.14	0.5	4.26	97.1
4	12/31/2009 11:31	10.70	49.81	32.45	8.81	8.14	1.2	4.20	97.5
5	12/31/2009 11:46	10.67	49.75	32.40	8.83	8.14	0.7	4.14	97.6
6	12/31/2009 12:01	10.71	49.82	32.46	8.87	8.14	0.9	4.01	98.2
7	12/31/2009 12:16	10.75	49.89	32.51	8.88	8.11	1.2	3.90	98.4
8	12/31/2009 12:31	10.71	49.83	32.47	8.90	8.14	1.2	3.78	98.5
9	12/31/2009 12:46	10.55	49.61	32.29	8.86	8.12	3.1	3.64	97.7
10	12/31/2009 13:01	10.55	49.56	32.26	8.87	8.09	2.2	3.50	97.7
11	12/31/2009 13:16	10.48	49.46	32.18	8.90	8.12	2.1	3.36	97.9
12	12/31/2009 13:31	10.43	49.38	32.12	8.91	8.11	2.1	3.22	97.8
13	12/31/2009 13:46	10.28	49.13	31.93	8.94	8.10	4.0	3.06	97.7
14	12/31/2009 14:01	10.29	49.16	31.95	8.93	8.10	3.2	2.92	97.7
15	12/31/2009 14:16	10.30	49.02	31.85	8.95	8.08	2.8	2.76	97.8
16	12/31/2009 14:31	10.12	48.72	31.62	9.01	8.06	4.3	2.61	97.9
17	12/31/2009 14:46	10.02	48.56	31.51	8.98	8.05	7.7	2.44	97.4
18	12/31/2009 15:01	10.12	48.73	31.63	9.00	8.06	7.2	2.27	97.8
19	12/31/2009 15:16	9.90	48.27	31.29	9.02	8.03	8.2	2.12	97.4
20	12/31/2009 15:31	9.71	47.78	30.93	9.08	8.02	10.7	1.95	97.4
21	12/31/2009 15:46	9.58	47.45	30.68	9.10	8.06	13.1	1.78	97.1
22	12/31/2009 16:01	9.53	47.38	30.62	9.07	8.05	13.4	1.62	96.7
23	12/31/2009 16:16	9.33	46.99	30.33	9.06	7.98	15.4	1.43	96.0
24	12/31/2009 16:31	9.28	46.84	30.22	9.06	8.02	17.4	1.27	95.9
25	12/31/2009 16:46	9.28	46.76	30.16	9.05	7.97	22.2	1.12	95.7
26	12/31/2009 17:01	9.28	46.65	30.09	9.07	7.96	25.0	1.01	95.8
27	12/31/2009 17:16	9.29	46.61	30.06	9.04	7.96	33.3	0.90	95.6
28	12/31/2009 17:31	9.28	46.56	30.02	9.02	7.96	21.5	0.86	95.3
29	12/31/2009 17:46	9.30	46.60	30.05	9.09	7.96	20.1	0.90	96.1
30	12/31/2009 18:01	9.27	46.58	30.03	9.13	7.96	10.6	0.95	96.4
31	12/31/2009 18:16	9.24	46.52	29.99	9.13	7.96	10.5	1.08	96.4
32	12/31/2009 18:31	9.23	46.52	29.99	9.13	7.96	11.4	1.17	96.3
33	12/31/2009 18:46	9.27	46.22	29.78	9.13	7.95	11.2	1.26	96.3
34	12/31/2009 19:01	9.25	46.23	29.78	9.12	8.01	10.0	1.34	96.2
35	12/31/2009 19:16	9.28	45.95	29.59	9.11	7.95	8.6	1.41	96.0
36	12/31/2009 19:31	9.27	45.94	29.58	9.12	7.95	8.1	1.48	96.0
37	12/31/2009 19:46	9.25	46.20	29.76	9.10	7.95	8.2	1.58	95.9
38	12/31/2009 20:01	9.27	46.16	29.74	9.11	7.95	9.0	1.68	96.0
39	12/31/2009 20:16	9.32	46.34	29.87	9.09	7.95	9.0	1.77	96.0
40	12/31/2009 20:31	9.45	46.45	29.96	9.08	7.96	9.7	1.89	96.2
41	12/31/2009 20:46	9.50	46.79	30.20	9.04	7.97	9.0	2.01	96.1
42	12/31/2009 21:01	9.55	47.15	30.46	9.04	8.29	11.5	2.13	96.3
43	12/31/2009 21:16	9.54	47.18	30.48	9.02	7.97	11.0	2.26	96.2
44	12/31/2009 21:31	9.55	47.32	30.58	9.00	7.97	12.7	2.38	96.0
45	12/31/2009 21:46	9.59	47.47	30.69	8.99	7.97	13.4	2.50	96.0
46	12/31/2009 22:01	9.61	47.56	30.75	8.98	7.98	12.9	2.60	96.0
47	12/31/2009 22:16	9.71	47.72	30.88	8.97	7.99	17.5	2.70	96.2
48	12/31/2009 22:31	9.82	47.95	31.06	8.97	8.00	15.3	2.81	96.5
49	12/31/2009 22:46	9.99	48.27	31.29	8.95	8.01	14.8	2.90	96.8
50	12/31/2009 23:01	10.23	48.66	31.59	8.92	8.03	13.8	2.99	97.2
51	12/31/2009 23:16	10.35	48.62	31.57	8.92	8.09	14.1	3.10	97.4
52	12/31/2009 23:31	10.41	48.96	31.82	8.89	8.09	18.4	3.18	97.4
53	12/31/2009 23:46	10.51	49.11	31.93	8.88	8.09	14.5	3.27	97.6

sonde #4		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		
54	1/1/2010 0:01	10.61	49.28	32.06	8.87	8.07	11.3	3.35	97.7
55	1/1/2010 0:16	10.65	49.29	32.07	8.86	8.07	8.2	3.42	97.7
56	1/1/2010 0:31	10.75	49.41	32.16	8.85	8.08	4.2	3.46	97.9
57	1/1/2010 0:46	10.79	49.48	32.21	8.79	8.08	2.4	3.49	97.4
58	1/1/2010 1:01	10.70	49.28	32.07	8.79	8.10	3.0	3.52	97.1
59	1/1/2010 1:16	10.79	49.53	32.25	8.74	8.11	3.1	3.51	96.8
60	1/1/2010 1:31	10.82	49.59	32.30	8.78	8.08	4.7	3.47	97.3
61	1/1/2010 1:46	10.78	49.52	32.24	8.80	8.08	5.3	3.41	97.4
62	1/1/2010 2:01	10.65	49.21	32.01	8.79	8.09	6.4	3.35	96.9
63	1/1/2010 2:16	10.54	49.00	31.85	8.81	8.08	10.4	3.27	96.8
64	1/1/2010 2:31	10.29	48.35	31.37	8.78	8.03	8.1	3.18	95.6
65	1/1/2010 2:46	10.27	48.31	31.34	8.81	8.06	7.9	3.09	95.9
66	1/1/2010 3:01	10.22	48.01	31.12	8.80	8.02	6.3	3.01	95.5
67	1/1/2010 3:16	10.14	47.70	30.89	8.78	8.00	4.6	2.93	95.0
68	1/1/2010 3:31	10.09	47.68	30.87	8.76	8.00	3.8	2.87	94.7
69	1/1/2010 3:46	10.05	47.65	30.85	8.77	8.30	4.2	2.79	94.7
70	1/1/2010 4:01	9.95	47.40	30.67	8.82	7.99	5.1	2.73	95.0
71	1/1/2010 4:16	9.99	47.21	30.53	8.79	7.98	4.0	2.68	94.7
72	1/1/2010 4:31	9.99	47.11	30.46	8.78	7.98	3.7	2.64	94.4
73	1/1/2010 4:46	9.93	46.82	30.25	8.76	7.97	3.7	2.61	94.0
74	1/1/2010 5:01	9.98	46.95	30.34	8.70	7.97	3.4	2.57	93.5
75	1/1/2010 5:16	9.94	46.94	30.34	8.61	7.97	3.0	2.57	92.5
76	1/1/2010 5:31	9.89	47.10	30.45	8.84	7.98	3.8	2.56	94.9
77	1/1/2010 5:46	9.92	47.36	30.63	8.84	7.98	3.8	2.57	95.1
78	1/1/2010 6:01	10.01	46.77	30.22	8.81	8.02	3.7	2.58	94.7
79	1/1/2010 6:16	9.98	47.29	30.59	8.82	7.98	3.8	2.61	94.9
80	1/1/2010 6:31	10.02	47.32	30.61	8.83	7.99	4.0	2.66	95.1
81	1/1/2010 6:46	10.08	46.87	30.29	8.84	7.98	4.4	2.71	95.2
82	1/1/2010 7:01	10.13	47.28	30.59	8.82	8.00	5.6	2.78	95.3
83	1/1/2010 7:16	10.14	47.56	30.79	8.84	8.00	5.7	2.87	95.6
84	1/1/2010 7:31	10.19	47.76	30.94	8.84	8.01	5.6	2.96	95.8
85	1/1/2010 7:46	10.23	47.82	30.99	8.85	8.01	5.5	3.05	96.0
86	1/1/2010 8:01	10.35	48.11	31.20	8.87	8.02	5.2	3.14	96.6
87	1/1/2010 8:16	10.35	48.16	31.23	8.87	8.03	5.4	3.24	96.7
88	1/1/2010 8:31	10.42	48.26	31.31	8.87	8.03	7.5	3.34	96.9
89	1/1/2010 8:46	10.49	48.15	31.23	8.87	8.04	8.0	3.44	97.0
90	1/1/2010 9:01	10.68	48.57	31.55	8.85	8.05	8.4	3.55	97.4
91	1/1/2010 9:16	10.80	48.88	31.78	8.85	8.10	7.4	3.64	97.7
92	1/1/2010 9:31	10.87	49.07	31.92	8.83	8.11	5.2	3.75	97.8
93	1/1/2010 9:46	10.96	49.23	32.04	8.83	8.11	5.1	3.85	98.0
94	1/1/2010 10:01	11.01	49.30	32.09	8.82	8.11	4.2	3.94	98.1
95	1/1/2010 10:16	11.04	49.34	32.13	8.82	8.11	3.7	4.04	98.2
96	1/1/2010 10:31	11.06	49.37	32.15	8.83	8.09	3.1	4.12	98.3
97	1/1/2010 10:46	11.08	49.35	32.14	8.84	8.12	2.5	4.19	98.4
98	1/1/2010 11:01	11.09	49.36	32.14	8.82	8.11	2.3	4.25	98.2
99	1/1/2010 11:16	11.10	49.37	32.15	8.80	8.09	2.1	4.28	98.0
100	1/1/2010 11:31	11.05	49.39	32.17	8.73	8.09	0.5	4.31	97.2
101	1/1/2010 11:46	11.03	49.20	32.03	8.74	8.11	1.5	4.31	97.2
102	1/1/2010 12:01	10.97	49.18	32.01	8.78	8.10	1.6	4.28	97.4
103	1/1/2010 12:16	11.04	49.21	32.03	8.87	8.11	1.9	4.22	98.6
104	1/1/2010 12:31	11.09	49.28	32.09	8.93	8.11	1.8	4.13	99.4
105	1/1/2010 12:46	11.03	49.11	31.96	8.93	8.09	2.3	4.03	99.2
106	1/1/2010 13:01	10.88	48.61	31.59	8.92	8.06	3.2	3.92	98.6
107	1/1/2010 13:16	10.83	48.33	31.39	8.89	8.05	3.7	3.80	97.9

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		
108	1/1/2010 13:31	10.89	48.40	31.44	8.88	8.08	3.9	3.66	98.1
109	1/1/2010 13:46	10.88	48.32	31.38	8.89	8.06	4.1	3.53	98.1
110	1/1/2010 14:01	10.82	47.96	31.12	8.92	8.07	3.9	3.41	98.1
111	1/1/2010 14:16	10.78	47.38	30.70	8.93	8.05	4.3	3.26	97.9
112	1/1/2010 14:31	10.68	47.39	30.70	8.93	8.02	5.2	3.11	97.7
113	1/1/2010 14:46	10.65	47.28	30.62	8.98	8.02	4.3	2.97	98.1
114	1/1/2010 15:01	10.80	47.57	30.83	9.02	8.06	3.0	2.83	99.0
115	1/1/2010 15:16	10.83	47.69	30.92	8.96	8.07	5.1	2.65	98.4
116	1/1/2010 15:31	10.57	47.22	30.58	8.97	8.04	7.2	2.52	97.8
117	1/1/2010 15:46	10.55	47.14	30.51	9.01	8.01	8.6	2.34	98.2
118	1/1/2010 16:01	10.56	47.16	30.53	9.07	8.01	7.3	2.17	98.8
119	1/1/2010 16:16	10.46	46.85	30.30	9.06	8.00	8.5	2.00	98.4
120	1/1/2010 16:31	10.45	46.75	30.23	9.10	8.00	10.4	1.85	98.7
121	1/1/2010 16:46	10.44	46.48	30.03	9.10	7.99	10.9	1.70	98.6
122	1/1/2010 17:01	10.40	46.43	30.00	9.02	7.98	9.0	1.55	97.7
123	1/1/2010 17:16	10.36	46.27	29.88	8.96	7.97	9.9	1.38	96.9
124	1/1/2010 17:31	10.34	46.14	29.78	8.94	7.96	11.2	1.22	96.5
125	1/1/2010 17:46	10.33	45.99	29.68	8.91	7.95	12.9	1.08	96.1
126	1/1/2010 18:01	10.33	45.91	29.62	8.89	7.95	12.7	1.00	95.9
127	1/1/2010 18:16	10.32	45.68	29.45	8.86	7.94	10.5	0.90	95.5
128	1/1/2010 18:31	10.31	45.66	29.44	8.80	7.94	9.2	0.90	94.8
129	1/1/2010 18:46	10.30	45.71	29.48	8.92	7.94	7.8	0.90	96.1
130	1/1/2010 19:01	10.30	45.75	29.51	8.94	7.94	6.5	0.98	96.3
131	1/1/2010 19:16	10.30	45.83	29.56	8.94	8.25	5.9	1.06	96.3
132	1/1/2010 19:31	10.30	45.68	29.46	8.95	7.94	6.7	1.17	96.3
133	1/1/2010 19:46	10.30	45.49	29.32	8.96	7.94	6.6	1.27	96.3
134	1/1/2010 20:01	10.31	45.27	29.16	8.94	7.94	7.3	1.36	96.1
135	1/1/2010 20:16	10.31	45.10	29.04	8.94	7.93	7.3	1.45	96.1
136	1/1/2010 20:31	10.33	44.86	28.88	8.96	7.93	9.5	1.57	96.2
137	1/1/2010 20:46	10.33	44.55	28.65	8.95	7.93	8.2	1.68	96.0
138	1/1/2010 21:01	10.34	44.41	28.55	8.95	7.93	8.1	1.76	95.9
139	1/1/2010 21:16	10.35	44.48	28.61	8.96	7.99	9.2	1.87	96.1
140	1/1/2010 21:31	10.35	44.70	28.76	8.95	7.94	9.9	2.02	96.0
141	1/1/2010 21:46	10.34	44.71	28.76	8.95	7.94	9.8	2.15	96.1
142	1/1/2010 22:01	10.36	45.66	29.45	8.91	7.95	10.6	2.29	96.1
143	1/1/2010 22:16	10.37	46.10	29.76	8.90	7.95	15.7	2.41	96.1
144	1/1/2010 22:31	10.38	46.18	29.81	8.89	7.96	15.7	2.52	96.1
145	1/1/2010 22:46	10.39	46.10	29.76	8.90	7.96	16.2	2.64	96.2
146	1/1/2010 23:01	10.39	45.79	29.54	8.91	7.97	16.0	2.74	96.2
147	1/1/2010 23:16	10.45	46.08	29.75	8.91	7.98	24.3	2.85	96.4
148	1/1/2010 23:31	10.53	46.50	30.06	8.93	7.99	16.1	2.95	96.9
149	1/1/2010 23:46	10.70	47.32	30.65	8.94	8.02	19.5	3.06	97.9
150	1/2/2010 0:01	10.96	47.72	30.95	9.24	8.05	17.3	3.15	101.9
151	1/2/2010 0:16	11.03	47.66	30.92	9.37	8.10	16.4	3.25	103.5
152	1/2/2010 0:31	11.09	47.57	30.85	9.48	8.07	17.1	3.33	104.7
153	1/2/2010 0:46	11.15	47.47	30.78	9.59	8.08	19.2	3.42	106.1
154	1/2/2010 1:01	11.17	47.40	30.73	9.64	8.12	17.7	3.46	106.6
155	1/2/2010 1:16	11.17	47.37	30.71	9.64	8.08	14.9	3.53	106.6
156	1/2/2010 1:31	11.18	47.34	30.69	9.63	8.08	13.8	3.56	106.5
157	1/2/2010 1:46	10.99	47.18	30.57	9.29	8.06	9.9	3.54	102.3
158	1/2/2010 2:01	11.16	47.36	30.71	9.53	8.08	17.0	3.52	105.3
159	1/2/2010 2:16	11.06	47.30	30.66	9.40	8.06	11.8	3.48	103.7
160	1/2/2010 2:31	10.58	46.87	30.32	9.05	8.02	8.1	3.42	98.5
161	1/2/2010 2:46	10.57	46.82	30.28	8.96	8.01	8.1	3.32	97.5

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Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH	NTU		
162	1/2/2010 3:01	10.68	46.76	30.25	9.15	8.03	7.8	3.25	99.8
163	1/2/2010 3:16	10.45	46.19	29.83	8.99	8.00	9.9	3.15	97.3
164	1/2/2010 3:31	10.36	45.96	29.66	8.92	7.98	7.0	3.05	96.3
165	1/2/2010 3:46	10.41	46.15	29.80	8.99	8.04	6.5	2.96	97.2
166	1/2/2010 4:01	10.39	46.25	29.87	8.84	7.98	5.1	2.90	95.6
167	1/2/2010 4:16	10.33	46.06	29.73	8.84	7.98	4.8	2.81	95.4
168	1/2/2010 4:31	10.30	46.00	29.68	8.81	7.97	4.6	2.75	95.0
169	1/2/2010 4:46	10.22	45.63	29.41	8.77	7.96	5.0	2.67	94.3
170	1/2/2010 5:01	10.16	45.30	29.17	8.75	7.95	4.9	2.57	93.7
171	1/2/2010 5:16	10.14	45.38	29.23	8.69	8.26	4.6	2.56	93.1
172	1/2/2010 5:31	10.09	45.06	29.00	8.70	7.94	4.5	2.49	92.9
173	1/2/2010 5:46	10.07	45.08	29.02	8.67	7.93	4.5	2.43	92.6
174	1/2/2010 6:01	10.04	45.00	28.96	8.64	7.93	4.3	2.40	92.2
175	1/2/2010 6:16	10.05	45.17	29.07	8.57	7.93	3.6	2.40	91.6
176	1/2/2010 6:31	10.13	45.30	29.18	8.66	7.94	4.9	2.36	92.7
177	1/2/2010 6:46	9.97	44.95	28.92	8.69	7.93	3.8	2.40	92.5
178	1/2/2010 7:01	9.91	44.72	28.75	8.71	7.92	3.7	2.41	92.5
179	1/2/2010 7:16	10.13	45.24	29.13	8.72	7.94	4.6	2.45	93.3
180	1/2/2010 7:31	10.13	45.18	29.09	8.73	7.94	5.1	2.49	93.4
181	1/2/2010 7:46	10.09	44.82	28.83	8.74	7.93	6.0	2.55	93.3
182	1/2/2010 8:01	10.19	44.92	28.91	8.80	7.94	8.5	2.65	94.1
183	1/2/2010 8:16	10.26	45.32	29.20	8.82	7.96	8.1	2.73	94.7
184	1/2/2010 8:31	10.38	45.53	29.36	8.92	7.97	8.5	2.82	96.1
185	1/2/2010 8:46	10.51	46.06	29.74	9.00	7.99	9.8	2.90	97.5
186	1/2/2010 9:01	10.61	46.55	30.09	9.08	8.00	12.6	3.01	98.8
187	1/2/2010 9:16	10.56	46.48	30.04	9.07	8.00	9.9	3.11	98.6
188	1/2/2010 9:31	10.60	46.47	30.04	9.10	8.31	13.0	3.22	99.0
189	1/2/2010 9:46	10.68	46.47	30.04	9.16	8.32	15.9	3.33	99.8
190	1/2/2010 10:01	10.80	46.60	30.14	9.29	8.03	20.2	3.44	101.6
191	1/2/2010 10:16	10.91	46.76	30.26	9.39	8.05	24.7	3.57	102.9
192	1/2/2010 10:31	11.03	47.07	30.49	9.48	8.07	27.0	3.63	104.4
193	1/2/2010 10:46	11.06	47.25	30.62	9.46	8.11	28.4	3.75	104.3
194	1/2/2010 11:01	11.11	47.61	30.88	9.41	8.08	22.5	3.87	104.0
195	1/2/2010 11:16	11.15	47.82	31.04	9.40	8.08	25.1	3.95	104.1
196	1/2/2010 11:31	11.20	47.80	31.03	9.44	8.12	18.9	4.02	104.7
197	1/2/2010 11:46	11.25	47.75	30.99	9.49	8.12	19.1	4.09	105.3
198	1/2/2010 12:01	11.28	47.68	30.94	9.52	8.09	18.1	4.15	105.7
199	1/2/2010 12:16	11.30	47.66	30.93	9.55	8.09	18.9	4.16	106.1
200	1/2/2010 12:31	11.31	47.64	30.91	9.47	8.09	9.6	4.18	105.2
201	1/2/2010 12:46	11.21	47.61	30.89	9.41	8.08	13.8	4.16	104.2
202	1/2/2010 13:01	11.16	47.57	30.86	9.41	8.07	13.1	4.13	104.1
203	1/2/2010 13:16	11.24	47.59	30.88	9.50	8.08	14.5	4.06	105.3
204	1/2/2010 13:31	11.22	47.24	30.62	9.45	8.36	8.5	3.95	104.5
205	1/2/2010 13:46	11.17	47.09	30.51	9.43	8.07	7.2	3.86	104.1
206	1/2/2010 14:01	11.00	46.68	30.21	9.28	8.07	5.7	3.73	101.9
207	1/2/2010 14:16	11.01	46.51	30.09	9.23	8.03	8.5	3.60	101.3
208	1/2/2010 14:31	11.04	46.54	30.11	9.25	8.03	7.9	3.50	101.6
209	1/2/2010 14:46	10.99	46.16	29.83	9.20	8.02	8.0	3.34	100.8
210	1/2/2010 15:01	10.99	45.91	29.65	9.14	8.02	6.2	3.20	100.0
211	1/2/2010 15:16	10.87	45.82	29.58	9.08	8.00	8.1	3.07	99.1
212	1/2/2010 15:31	10.93	46.01	29.73	9.16	8.01	5.3	2.92	100.1
213	1/2/2010 15:46	10.82	45.92	29.66	9.13	8.00	7.3	2.77	99.6
214	1/2/2010 16:01	10.86	46.05	29.75	9.15	8.01	6.7	2.61	99.9
215	1/2/2010 16:16	10.78	45.82	29.58	9.17	8.05	6.0	2.46	99.8

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			
216	1/2/2010 16:31	10.74	45.87	29.62	9.03	8.00	7.6	2.30	98.2
217	1/2/2010 16:46	10.56	45.56	29.38	8.99	7.97	9.3	2.13	97.3
218	1/2/2010 17:01	10.50	45.49	29.33	8.90	8.28	10.7	1.96	96.2
219	1/2/2010 17:16	10.47	45.43	29.29	8.91	7.97	9.0	1.80	96.1
220	1/2/2010 17:31	10.36	45.07	29.02	8.77	7.94	9.2	1.63	94.3
221	1/2/2010 17:46	10.33	44.95	28.94	8.71	7.93	9.0	1.45	93.5
222	1/2/2010 18:01	10.30	44.88	28.89	8.66	7.92	9.7	1.30	92.9
223	1/2/2010 18:16	10.26	44.70	28.75	8.61	7.91	9.7	1.14	92.2
224	1/2/2010 18:31	10.19	44.41	28.55	8.57	7.90	8.7	1.01	91.5
225	1/2/2010 18:46	10.11	44.20	28.39	8.48	7.89	7.1	0.93	90.3
226	1/2/2010 19:01	10.11	44.23	28.41	8.49	7.88	5.6	0.87	90.4
227	1/2/2010 19:16	10.12	44.30	28.46	8.55	7.89	6.2	0.91	91.1
228	1/2/2010 19:31	10.11	44.29	28.45	8.58	7.95	5.4	0.96	91.4
229	1/2/2010 19:46	10.16	44.39	28.53	8.59	7.90	5.6	1.06	91.6
230	1/2/2010 20:01	10.11	43.87	28.16	8.61	7.89	5.5	1.17	91.6
231	1/2/2010 20:16	10.14	43.85	28.14	8.63	7.89	5.5	1.25	91.8
232	1/2/2010 20:31	10.16	43.68	28.02	8.64	7.89	5.8	1.36	91.8
233	1/2/2010 20:46	10.19	43.61	27.97	8.65	7.89	6.5	1.44	92.0
234	1/2/2010 21:01	10.20	43.53	27.92	8.65	7.89	6.0	1.53	92.0
235	1/2/2010 21:16	10.21	43.66	28.01	8.64	8.21	5.5	1.63	92.0
236	1/2/2010 21:31	10.23	43.62	27.99	8.66	7.89	5.7	1.74	92.2
237	1/2/2010 21:46	10.26	43.67	28.02	8.70	7.90	6.0	1.85	92.7
238	1/2/2010 22:01	10.28	43.42	27.85	8.77	8.22	7.1	1.96	93.3
239	1/2/2010 22:16	10.34	43.91	28.20	8.78	7.92	7.6	2.09	93.9
240	1/2/2010 22:31	10.42	44.69	28.75	8.79	8.25	7.4	2.22	94.4
241	1/2/2010 22:46	10.39	44.62	28.70	8.80	8.24	9.7	2.34	94.5
242	1/2/2010 23:01	10.44	44.87	28.88	8.83	7.94	10.7	2.46	95.0
243	1/2/2010 23:16	10.43	44.79	28.83	8.88	7.95	11.8	2.57	95.5
244	1/2/2010 23:31	10.51	45.10	29.05	8.94	7.96	15.5	2.70	96.4
245	1/2/2010 23:46	10.58	45.37	29.25	9.00	7.98	16.4	2.81	97.4
246	1/3/2010 0:01	10.69	45.76	29.53	9.07	7.99	18.4	2.90	98.5
247	1/3/2010 0:16	10.83	46.33	29.95	9.17	8.01	21.8	3.01	100.2
248	1/3/2010 0:31	10.88	46.55	30.11	9.20	8.02	22.5	3.12	100.7
249	1/3/2010 0:46	10.93	46.75	30.25	9.20	8.03	21.9	3.21	100.9
250	1/3/2010 1:01	10.98	46.95	30.40	9.20	8.04	21.4	3.31	101.1
251	1/3/2010 1:16	11.07	47.22	30.60	9.20	8.05	22.3	3.39	101.4
252	1/3/2010 1:31	11.12	47.42	30.74	9.18	8.06	24.9	3.48	101.5
253	1/3/2010 1:46	11.15	47.54	30.83	9.16	8.07	25.9	3.54	101.3
254	1/3/2010 2:01	11.17	47.61	30.89	9.15	8.07	17.0	3.58	101.3
255	1/3/2010 2:16	11.17	47.62	30.89	9.13	8.07	10.7	3.61	101.1
256	1/3/2010 2:31	11.11	47.40	30.73	9.05	8.06	11.0	3.61	100.0
257	1/3/2010 2:46	11.15	47.63	30.90	9.08	8.08	13.9	3.57	100.5
258	1/3/2010 3:01	10.80	46.81	30.29	9.08	8.03	11.4	3.51	99.4
259	1/3/2010 3:16	10.66	46.62	30.15	9.05	8.02	7.4	3.44	98.7
260	1/3/2010 3:31	10.55	46.27	29.89	8.97	8.00	7.2	3.35	97.3
261	1/3/2010 3:46	10.55	46.20	29.84	8.93	8.00	6.7	3.25	96.9
262	1/3/2010 4:01	10.49	45.97	29.67	8.89	7.99	8.9	3.16	96.3
263	1/3/2010 4:16	10.41	45.72	29.49	8.82	7.97	6.3	3.06	95.2
264	1/3/2010 4:31	10.38	45.70	29.47	8.79	7.96	5.5	2.97	94.9
265	1/3/2010 4:46	10.36	45.65	29.44	8.79	7.96	4.5	2.88	94.7
266	1/3/2010 5:01	10.32	45.50	29.32	8.82	7.96	6.0	2.79	94.9
267	1/3/2010 5:16	10.26	45.41	29.26	8.74	7.95	4.2	2.70	93.9
268	1/3/2010 5:31	10.17	45.02	28.98	8.73	7.94	4.8	2.63	93.4
269	1/3/2010 5:46	10.13	44.94	28.92	8.70	7.94	4.3	2.55	93.0

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			
270	1/3/2010 6:01	10.10	45.04	28.99	8.67	7.94	3.7	2.49	92.6
271	1/3/2010 6:16	10.01	44.71	28.75	8.63	7.93	3.7	2.42	91.9
272	1/3/2010 6:31	9.98	44.53	28.62	8.61	7.92	4.0	2.35	91.5
273	1/3/2010 6:46	9.93	44.50	28.59	8.58	7.92	3.5	2.31	91.1
274	1/3/2010 7:01	9.89	44.37	28.50	8.54	7.91	3.7	2.28	90.6
275	1/3/2010 7:16	9.88	44.21	28.38	8.52	7.91	3.7	2.25	90.3
276	1/3/2010 7:31	9.87	44.23	28.40	8.50	7.91	3.0	2.23	90.0
277	1/3/2010 7:46	9.94	44.40	28.52	8.58	7.91	3.5	2.26	91.1
278	1/3/2010 8:01	10.02	44.51	28.60	8.62	7.92	3.8	2.30	91.7
279	1/3/2010 8:16	9.95	44.51	28.60	8.60	7.91	4.5	2.33	91.3
280	1/3/2010 8:31	9.89	44.33	28.47	8.67	8.24	4.6	2.39	91.9
281	1/3/2010 8:46	9.93	44.25	28.41	8.66	7.92	5.1	2.49	91.9
282	1/3/2010 9:01	9.92	44.25	28.42	8.67	7.92	6.7	2.57	91.9
283	1/3/2010 9:16	10.11	44.81	28.82	8.72	7.94	7.8	2.66	93.1
284	1/3/2010 9:31	10.25	45.29	29.17	8.78	7.96	7.0	2.74	94.2
	Mean	10.40	46.76	30.24	8.94	8.02	8.9	2.72	97.0
	Minimum	9.23	43.42	27.85	8.48	7.88	0.5	0.86	90.0
	Maximum	11.31	49.89	32.51	9.64	8.36	33.3	4.31	106.6

Data collection period cut short when sonde ceased to log after 4 days of deployment

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+	Depth
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters
0	1/14/2010 10:31	11.90	38.62	24.53		8.01	12.1	3.89
1	1/14/2010 10:46	11.90	38.98	24.78		8.01	7.9	3.90
2	1/14/2010 11:01	11.94	39.38	25.07		7.99	7.1	3.92
3	1/14/2010 11:16	11.90	39.95	25.46		8.01	9.1	3.91
4	1/14/2010 11:31	11.90	40.29	25.70		8.01	10.0	3.87
5	1/14/2010 11:46	11.95	40.44	25.81		8.00	12.0	3.82
6	1/14/2010 12:01	12.09	40.25	25.68		7.98	8.5	3.75
7	1/14/2010 12:16	12.12	39.96	25.48		7.95	6.7	3.64
8	1/14/2010 12:31	12.14	40.21	25.66		7.94	5.4	3.53
9	1/14/2010 12:46	12.08	40.20	25.64		7.93	13.9	3.43
10	1/14/2010 13:01	12.18	39.86	25.41		7.91	5.6	3.31
11	1/14/2010 13:16	12.20	39.92	25.45		7.91	6.4	3.18
12	1/14/2010 13:31	12.23	40.04	25.54		7.91	10.1	3.07
13	1/14/2010 13:46	12.26	40.13	25.60		7.92	6.1	2.94
14	1/14/2010 14:01	12.32	40.15	25.62		7.92	5.2	2.82
15	1/14/2010 14:16	12.39	40.31	25.74		7.93	4.5	2.69
16	1/14/2010 14:31	12.42	40.43	25.82		7.93	4.9	2.57
17	1/14/2010 14:46	12.49	40.56	25.91		7.95	4.9	2.44
18	1/14/2010 15:01	12.43	40.13	25.61		7.90	5.7	2.29
19	1/14/2010 15:16	12.50	40.09	25.58		7.93	5.1	2.16
20	1/14/2010 15:31	12.48	40.00	25.52		7.91	6.0	2.02
21	1/14/2010 15:46	12.45	39.84	25.41		7.90	6.7	1.89
22	1/14/2010 16:01	12.47	39.86	25.42		7.92	7.0	1.74
23	1/14/2010 16:16	12.41	39.61	25.25		7.89	7.0	1.62
24	1/14/2010 16:31	12.38	39.52	25.17		7.87	5.9	1.51
25	1/14/2010 16:46	12.36	39.40	25.10		7.86	6.4	1.39
26	1/14/2010 17:01	12.35	39.23	24.97		7.85	5.0	1.33
27	1/14/2010 17:16	12.33	39.20	24.95		7.85	7.3	1.28
28	1/14/2010 17:31	12.32	39.20	24.95		7.85	5.7	1.24
29	1/14/2010 17:46	12.31	39.27	25.00		7.85	5.5	1.28
30	1/14/2010 18:01	12.32	39.33	25.04		7.85	4.1	1.29
31	1/14/2010 18:16	12.32	39.28	25.01		7.84	4.0	1.34
32	1/14/2010 18:31	12.32	39.34	25.05		7.85	3.6	1.42
33	1/14/2010 18:46	12.28	38.77	24.64		7.84	4.9	1.50
34	1/14/2010 19:01	12.28	38.74	24.63		7.84	4.7	1.57
35	1/14/2010 19:16	12.28	38.60	24.53		7.83	5.3	1.66
36	1/14/2010 19:31	12.28	38.58	24.52		7.83	5.4	1.71
37	1/14/2010 19:46	12.29	38.72	24.61		7.84	4.7	1.79
38	1/14/2010 20:01	12.31	38.96	24.78		7.84	4.8	1.86
39	1/14/2010 20:16	12.29	38.76	24.64		7.84	4.6	1.94
40	1/14/2010 20:31	12.27	38.98	24.80		7.85	5.1	2.04
41	1/14/2010 20:46	12.28	39.22	24.96		7.85	5.4	2.13
42	1/14/2010 21:01	12.31	39.74	25.33		7.85	5.7	2.25
43	1/14/2010 21:16	12.32	39.88	25.43		7.85	6.2	2.34
44	1/14/2010 21:31	12.31	39.96	25.48		7.85	6.4	2.45
45	1/14/2010 21:46	12.28	39.81	25.38		7.85	7.8	2.53
46	1/14/2010 22:01	12.25	40.04	25.54		7.86	7.6	2.62
47	1/14/2010 22:16	12.22	40.22	25.66		7.87	11.5	2.72
48	1/14/2010 22:31	12.19	40.31	25.73		7.88	13.4	2.79
49	1/14/2010 22:46	12.14	40.36	25.76		7.90	14.6	2.89
50	1/14/2010 23:01	12.16	40.61	25.93		7.90	13.7	2.96
51	1/14/2010 23:16	12.12	41.00	26.21		7.92	14.6	3.04
52	1/14/2010 23:31	12.07	41.28	26.41		7.94	14.4	3.12
53	1/14/2010 23:46	12.05	41.57	26.61		7.95	15.9	3.16

sonde #1		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		
54	1/15/2010 0:01	12.04	41.64	26.66		7.96	13.6	3.23	
55	1/15/2010 0:16	12.03	41.82	26.79		7.96	10.7	3.27	
56	1/15/2010 0:31	12.02	41.84	26.80		7.97	9.0	3.31	
57	1/15/2010 0:46	12.03	41.72	26.72		7.96	6.7	3.32	
58	1/15/2010 1:01	12.02	41.87	26.82		7.96	8.0	3.33	
59	1/15/2010 1:16	12.01	41.97	26.90		7.97	9.1	3.31	
60	1/15/2010 1:31	12.02	41.79	26.77		7.96	11.4	3.26	
61	1/15/2010 1:46	11.86	40.75	26.03		7.91	6.4	3.23	
62	1/15/2010 2:01	12.01	41.32	26.44		7.93	7.9	3.16	
63	1/15/2010 2:16	11.96	40.92	26.15		7.90	5.3	3.08	
64	1/15/2010 2:31	11.94	40.76	26.04		7.90	5.1	3.01	
65	1/15/2010 2:46	11.95	40.78	26.05		7.89	4.8	2.92	
66	1/15/2010 3:01	11.97	40.62	25.94		7.88	4.5	2.86	
67	1/15/2010 3:16	12.00	40.44	25.81		7.87	4.3	2.80	
68	1/15/2010 3:31	11.99	40.30	25.72		7.86	4.4	2.73	
69	1/15/2010 3:46	11.96	40.05	25.54		7.86	4.2	2.66	
70	1/15/2010 4:01	11.94	40.10	25.57		7.85	3.8	2.63	
71	1/15/2010 4:16	11.94	39.87	25.41		7.84	3.5	2.58	
72	1/15/2010 4:31	11.93	39.71	25.30		7.84	3.3	2.54	
73	1/15/2010 4:46	11.91	39.75	25.33		7.83	3.3	2.52	
74	1/15/2010 5:01	11.91	39.70	25.29		7.83	3.0	2.49	
75	1/15/2010 5:16	11.91	39.60	25.22		7.83	2.9	2.49	
76	1/15/2010 5:31	11.93	39.75	25.32		7.84	3.4	2.48	
77	1/15/2010 5:46	11.88	39.84	25.39		7.83	3.3	2.50	
78	1/15/2010 6:01	11.90	39.86	25.40		7.84	3.8	2.52	
79	1/15/2010 6:16	11.90	39.88	25.42		7.84	3.8	2.55	
80	1/15/2010 6:31	11.97	40.04	25.53		7.86	4.3	2.59	
81	1/15/2010 6:46	11.94	39.96	25.47		7.85	3.7	2.65	
82	1/15/2010 7:01	11.95	40.13	25.59		7.86	4.7	2.70	
83	1/15/2010 7:16	11.98	40.36	25.76		7.87	5.0	2.76	
84	1/15/2010 7:31	11.89	40.15	25.60		7.87	4.8	2.83	
85	1/15/2010 7:46	11.87	40.35	25.75		7.88	4.8	2.89	
86	1/15/2010 8:01	11.95	40.96	26.18		7.92	7.1	2.96	
87	1/15/2010 8:16	11.96	41.30	26.42		7.93	7.2	3.05	
88	1/15/2010 8:31	11.94	41.22	26.36		7.93	7.1	3.13	
89	1/15/2010 8:46	11.95	41.53	26.58		7.94	8.7	3.21	
90	1/15/2010 9:01	11.94	41.59	26.62		7.95	9.9	3.31	
91	1/15/2010 9:16	11.90	41.78	26.75		7.96	11.5	3.39	
92	1/15/2010 9:31	11.90	41.82	26.79		7.97	10.6	3.46	
93	1/15/2010 9:46	11.89	42.11	26.99		7.98	11.2	3.55	
94	1/15/2010 10:01	11.86	42.14	27.01		7.99	10.6	3.62	
95	1/15/2010 10:16	11.83	42.28	27.11		8.00	10.7	3.68	
96	1/15/2010 10:31	11.83	42.50	27.26		8.00	9.6	3.75	
97	1/15/2010 10:46	11.83	42.54	27.29		8.01	9.2	3.79	
98	1/15/2010 11:01	11.84	42.57	27.32		8.01	8.4	3.84	
99	1/15/2010 11:16	11.84	42.74	27.43		8.01	7.2	3.86	
100	1/15/2010 11:31	11.84	42.66	27.38		8.01	4.1	3.86	
101	1/15/2010 11:46	11.84	42.64	27.36		8.01	6.8	3.87	
102	1/15/2010 12:01	11.84	42.60	27.33		8.01	6.9	3.82	
103	1/15/2010 12:16	11.85	42.69	27.39		8.01	8.4	3.78	
104	1/15/2010 12:31	12.01	42.05	26.95		7.99	9.0	3.71	
105	1/15/2010 12:46	12.01	42.07	26.96		7.98	4.6	3.63	
106	1/15/2010 13:01	12.01	41.71	26.71		7.96	4.6	3.53	
107	1/15/2010 13:16	12.02	41.60	26.63		7.95	4.6	3.42	

sonde #1		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		
108	1/15/2010 13:31	12.01	41.10	26.28		7.93	4.8	3.31	
109	1/15/2010 13:46	12.04	40.81	26.08		7.92	6.8	3.18	
110	1/15/2010 14:01	12.07	41.13	26.30		7.92	6.2	3.07	
111	1/15/2010 14:16	12.08	40.95	26.18		7.91	5.1	2.95	
112	1/15/2010 14:31	12.12	40.87	26.12		7.92	4.9	2.84	
113	1/15/2010 14:46	12.12	41.05	26.25		7.92	4.4	2.70	
114	1/15/2010 15:01	12.11	41.11	26.29		7.93	4.7	2.59	
115	1/15/2010 15:16	12.10	41.09	26.28		7.93	4.6	2.46	
116	1/15/2010 15:31	12.10	40.97	26.19		7.93	5.4	2.33	
117	1/15/2010 15:46	12.08	40.82	26.08		7.92	5.4	2.20	
118	1/15/2010 16:01	12.07	40.44	25.82		7.91	5.6	2.07	
119	1/15/2010 16:16	12.05	40.05	25.54		7.90	6.2	1.93	
120	1/15/2010 16:31	12.04	40.11	25.58		7.89	6.1	1.82	
121	1/15/2010 16:46	12.01	39.95	25.47		7.89	5.7	1.68	
122	1/15/2010 17:01	11.99	39.77	25.34		7.87	5.6	1.57	
123	1/15/2010 17:16	11.97	39.59	25.21		7.85	5.7	1.45	
124	1/15/2010 17:31	11.95	39.30	25.01		7.83	7.5	1.39	
125	1/15/2010 17:46	11.93	39.14	24.90		7.83	8.7	1.33	
126	1/15/2010 18:01	11.91	39.22	24.96		7.82	7.4	1.26	
127	1/15/2010 18:16	11.90	39.06	24.84		7.82	5.8	1.27	
128	1/15/2010 18:31	11.91	38.97	24.78		7.82	5.8	1.27	
129	1/15/2010 18:46	11.92	39.16	24.91		7.82	4.4	1.29	
130	1/15/2010 19:01	11.94	39.21	24.95		7.83	4.5	1.37	
131	1/15/2010 19:16	11.92	39.08	24.85		7.82	4.9	1.44	
132	1/15/2010 19:31	11.91	38.77	24.64		7.82	5.6	1.51	
133	1/15/2010 19:46	11.87	38.08	24.15		7.80	5.4	1.61	
134	1/15/2010 20:01	11.87	38.01	24.10		7.79	5.4	1.69	
135	1/15/2010 20:16	11.88	38.30	24.31		7.80	5.1	1.78	
136	1/15/2010 20:31	11.91	38.53	24.47		7.81	4.9	1.87	
137	1/15/2010 20:46	11.92	38.52	24.46		7.81	4.8	1.96	
138	1/15/2010 21:01	11.93	38.77	24.63		7.82	5.0	2.06	
139	1/15/2010 21:16	11.99	39.64	25.25		7.84	5.0	2.14	
140	1/15/2010 21:31	11.99	39.77	25.34		7.84	5.7	2.24	
141	1/15/2010 21:46	11.99	39.80	25.36		7.84	6.7	2.35	
142	1/15/2010 22:01	12.01	39.93	25.45		7.83	6.9	2.43	
143	1/15/2010 22:16	11.99	40.14	25.60		7.82	6.7	2.53	
144	1/15/2010 22:31	11.98	40.43	25.81		7.86	8.5	2.63	
145	1/15/2010 22:46	11.97	40.67	25.98		7.88	11.5	2.72	
146	1/15/2010 23:01	11.95	40.85	26.10		7.89	13.1	2.81	
147	1/15/2010 23:16	11.95	41.09	26.27		7.90	11.7	2.89	
148	1/15/2010 23:31	11.93	41.18	26.33		7.91	13.4	2.97	
149	1/15/2010 23:46	11.91	41.58	26.61		7.90	15.3	3.06	
150	1/16/2010 0:01	11.88	41.94	26.87		7.95	13.5	3.14	
151	1/16/2010 0:16	11.87	42.03	26.93		7.95	12.3	3.20	
152	1/16/2010 0:31	11.86	42.08	26.96		7.95	11.2	3.27	
153	1/16/2010 0:46	11.84	42.05	26.94		7.96	9.6	3.34	
154	1/16/2010 1:01	11.83	42.13	27.00		7.93	7.8	3.36	
155	1/16/2010 1:16	11.82	42.30	27.12		7.97	6.4	3.38	
156	1/16/2010 1:31	11.83	42.23	27.07		7.96	6.9	3.39	
157	1/16/2010 1:46	11.82	42.33	27.14		7.96	6.8	3.38	
158	1/16/2010 2:01	11.78	41.68	26.68		7.92	7.4	3.33	
159	1/16/2010 2:16	11.73	41.60	26.62		7.92	6.1	3.27	
160	1/16/2010 2:31	11.79	41.98	26.89		7.94	7.4	3.19	
161	1/16/2010 2:46	11.72	41.72	26.71		7.92	6.0	3.13	

sonde #1		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		
162	1/16/2010 3:01	11.73	41.20	26.34		7.87	6.0	3.03	
163	1/16/2010 3:16	11.78	41.06	26.24		7.86	7.3	2.94	
164	1/16/2010 3:31	11.72	40.76	26.03		7.84	5.1	2.88	
165	1/16/2010 3:46	11.75	40.68	25.98		7.84	5.6	2.78	
166	1/16/2010 4:01	11.70	40.47	25.83		7.81	4.9	2.73	
167	1/16/2010 4:16	11.71	40.57	25.89		7.85	4.1	2.68	
168	1/16/2010 4:31	11.69	40.52	25.86		7.85	4.3	2.62	
169	1/16/2010 4:46	11.65	40.32	25.71		7.84	4.3	2.57	
170	1/16/2010 5:01	11.63	40.21	25.64		7.84	4.6	2.54	
171	1/16/2010 5:16	11.61	40.21	25.64		7.84	4.6	2.49	
172	1/16/2010 5:31	11.58	40.11	25.57		7.84	4.6	2.48	
173	1/16/2010 5:46	11.59	40.01	25.50		7.83	3.5	2.46	
174	1/16/2010 6:01	11.77	40.18	25.62		7.85	3.2	2.44	
175	1/16/2010 6:16	11.64	39.85	25.38		7.80	3.7	2.45	
176	1/16/2010 6:31	11.50	39.42	25.08		7.82	3.3	2.46	
177	1/16/2010 6:46	11.49	39.56	25.18		7.82	3.4	2.48	
178	1/16/2010 7:01	11.68	40.02	25.51		7.84	4.2	2.51	
179	1/16/2010 7:16	11.69	40.20	25.63		7.85	4.6	2.55	
180	1/16/2010 7:31	11.66	40.17	25.61		7.85	4.6	2.62	
181	1/16/2010 7:46	11.63	40.14	25.59		7.85	5.4	2.67	
182	1/16/2010 8:01	11.71	40.43	25.79		7.87	5.7	2.74	
183	1/16/2010 8:16	11.70	40.71	25.99		7.88	6.1	2.81	
184	1/16/2010 8:31	11.72	40.72	26.00		7.90	6.5	2.88	
185	1/16/2010 8:46	11.73	41.07	26.25		7.92	7.3	2.96	
186	1/16/2010 9:01	11.75	41.24	26.37		7.93	6.8	3.05	
187	1/16/2010 9:16	11.76	41.24	26.37		7.94	7.6	3.13	
188	1/16/2010 9:31	11.76	41.55	26.59		7.95	8.0	3.21	
189	1/16/2010 9:46	11.74	41.47	26.53		7.94	7.8	3.30	
190	1/16/2010 10:01	11.71	41.61	26.63		7.97	9.8	3.40	
191	1/16/2010 10:16	11.74	41.72	26.71		7.98	10.9	3.46	
192	1/16/2010 10:31	11.72	41.78	26.75		7.99	13.2	3.55	
193	1/16/2010 10:46	11.73	41.91	26.84		7.98	9.0	3.61	
194	1/16/2010 11:01	11.72	42.08	26.96		8.00	7.9	3.68	
195	1/16/2010 11:16	11.72	42.12	26.99		8.00	7.6	3.74	
196	1/16/2010 11:31	11.71	42.22	27.06		8.00	6.6	3.78	
197	1/16/2010 11:46	11.71	42.41	27.20		8.01	6.0	3.80	
198	1/16/2010 12:01	11.72	42.22	27.06		8.00	4.6	3.81	
199	1/16/2010 12:16	11.71	42.33	27.14		8.00	5.8	3.81	
200	1/16/2010 12:31	11.71	42.46	27.23		8.01	6.5	3.78	
201	1/16/2010 12:46	11.71	42.47	27.24		8.00	7.4	3.72	
202	1/16/2010 13:01	11.74	41.91	26.84		7.95	6.2	3.66	
203	1/16/2010 13:16	11.75	41.90	26.84		7.96	4.9	3.56	
204	1/16/2010 13:31	11.78	41.73	26.71		7.94	4.8	3.47	
205	1/16/2010 13:46	11.71	41.39	26.47		7.93	4.8	3.36	
206	1/16/2010 14:01	11.72	41.42	26.50		7.93	5.1	3.26	
207	1/16/2010 14:16	11.73	41.57	26.60		7.94	5.6	3.15	
208	1/16/2010 14:31	11.74	41.40	26.48		7.93	4.8	3.02	
209	1/16/2010 14:46	11.74	40.99	26.20		7.88	4.2	2.91	
210	1/16/2010 15:01	11.73	40.92	26.14		7.90	4.3	2.81	
211	1/16/2010 15:16	11.75	41.02	26.21		7.91	5.4	2.67	
212	1/16/2010 15:31	11.73	40.63	25.93		7.89	5.9	2.57	
213	1/16/2010 15:46	11.72	40.71	25.99		7.88	5.1	2.45	
214	1/16/2010 16:01	11.71	40.44	25.80		7.88	5.9	2.32	
215	1/16/2010 16:16	11.71	40.58	25.90		7.88	5.7	2.20	

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	
216	1/16/2010 16:31	11.70	40.59	25.91		7.89	5.3	2.07	
217	1/16/2010 16:46	11.66	40.47	25.82		7.87	6.2	1.94	
218	1/16/2010 17:01	11.62	40.14	25.59		7.85	6.2	1.82	
219	1/16/2010 17:16	11.58	40.06	25.53		7.85	5.5	1.69	
220	1/16/2010 17:31	11.53	39.95	25.45		7.84	5.3	1.58	
221	1/16/2010 17:46	11.47	39.85	25.38		7.82	7.1	1.49	
222	1/16/2010 18:01	11.42	39.60	25.20		7.81	7.6	1.40	
223	1/16/2010 18:16	11.38	39.44	25.09		7.80	5.9	1.34	
224	1/16/2010 18:31	11.37	39.40	25.06		7.79	4.9	1.31	
225	1/16/2010 18:46	11.37	39.31	25.00		7.79	3.7	1.29	
226	1/16/2010 19:01	11.37	39.31	25.00		7.79	4.4	1.29	
227	1/16/2010 19:16	11.40	39.46	25.11		7.80	4.0	1.34	
228	1/16/2010 19:31	11.42	39.51	25.14		7.80	3.8	1.39	
229	1/16/2010 19:46	11.42	39.11	24.86		7.80	4.1	1.46	
230	1/16/2010 20:01	11.44	39.29	24.99		7.80	4.2	1.55	
231	1/16/2010 20:16	11.41	38.82	24.65		7.80	4.6	1.64	
232	1/16/2010 20:31	11.43	38.83	24.67		7.80	4.7	1.73	
233	1/16/2010 20:46	11.48	39.17	24.90		7.81	4.3	1.81	
234	1/16/2010 21:01	11.51	39.20	24.93		7.81	4.4	1.90	
235	1/16/2010 21:16	11.55	39.51	25.15		7.83	4.5	2.01	
236	1/16/2010 21:31	11.60	39.64	25.24		7.84	5.1	2.09	
237	1/16/2010 21:46	11.62	39.77	25.33		7.85	4.7	2.17	
238	1/16/2010 22:01	11.62	39.84	25.38		7.85	4.9	2.28	
239	1/16/2010 22:16	11.65	40.06	25.53		7.86	5.7	2.38	
240	1/16/2010 22:31	11.66	40.04	25.52		7.85	6.6	2.46	
241	1/16/2010 22:46	11.67	40.27	25.68		7.86	6.7	2.55	
242	1/16/2010 23:01	11.68	40.25	25.67		7.87	8.4	2.65	
243	1/16/2010 23:16	11.69	40.40	25.77		7.89	11.0	2.74	
244	1/16/2010 23:31	11.69	40.61	25.92		7.86	11.8	2.84	
245	1/16/2010 23:46	11.70	40.72	26.00		7.88	10.2	2.92	
246	1/17/2010 0:01	11.69	41.45	26.51		7.94	9.9	3.01	
247	1/17/2010 0:16	11.69	41.96	26.88		7.96	11.1	3.10	
248	1/17/2010 0:31	11.69	42.16	27.02		7.97	12.1	3.17	
249	1/17/2010 0:46	11.69	41.92	26.85		7.97	11.7	3.24	
250	1/17/2010 1:01	11.70	42.41	27.20		7.98	12.3	3.32	
251	1/17/2010 1:16	11.71	42.68	27.38		7.99	9.9	3.38	
252	1/17/2010 1:31	11.72	42.91	27.55		7.99	7.9	3.39	
253	1/17/2010 1:46	11.71	42.77	27.45		7.98	6.3	3.41	
254	1/17/2010 2:01	11.71	42.86	27.52		7.99	8.2	3.41	
255	1/17/2010 2:16	11.71	42.83	27.49		7.99	8.5	3.37	
256	1/17/2010 2:31	11.71	42.54	27.29		7.96	8.5	3.33	
257	1/17/2010 2:46	11.67	41.97	26.88		7.93	9.0	3.25	
258	1/17/2010 3:01	11.65	41.70	26.69		7.95	9.3	3.16	
259	1/17/2010 3:16	11.62	41.10	26.26		7.91	10.3	3.09	
260	1/17/2010 3:31	11.63	41.22	26.35		7.92	7.1	2.99	
261	1/17/2010 3:46	11.56	40.73	26.00		7.89	5.4	2.91	
262	1/17/2010 4:01	11.58	40.67	25.96		7.90	5.7	2.84	
263	1/17/2010 4:16	11.56	40.59	25.90		7.88	4.4	2.77	
264	1/17/2010 4:31	11.55	40.38	25.75		7.87	4.0	2.71	
265	1/17/2010 4:46	11.54	40.36	25.74		7.86	3.8	2.64	
266	1/17/2010 5:01	11.53	40.17	25.61		7.85	4.0	2.58	
267	1/17/2010 5:16	11.51	40.00	25.49		7.85	4.1	2.53	
268	1/17/2010 5:31	11.47	40.12	25.57		7.85	3.4	2.49	
269	1/17/2010 5:46	11.46	39.68	25.26		7.83	3.4	2.45	

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		
270	1/17/2010 6:01	11.43	39.71	25.28		7.83	3.2	2.40	
271	1/17/2010 6:16	11.40	39.69	25.27		7.83	3.1	2.38	
272	1/17/2010 6:31	11.40	39.48	25.12		7.82	2.9	2.38	
273	1/17/2010 6:46	11.37	39.81	25.35		7.82	3.1	2.35	
274	1/17/2010 7:01	11.52	40.08	25.54		7.85	3.8	2.36	
275	1/17/2010 7:16	11.47	39.96	25.46		7.84	4.0	2.39	
276	1/17/2010 7:31	11.44	39.97	25.46		7.83	4.5	2.41	
277	1/17/2010 7:46	11.48	40.08	25.54		7.85	4.1	2.45	
278	1/17/2010 8:01	11.41	39.99	25.47		7.85	4.4	2.49	
279	1/17/2010 8:16	11.45	40.02	25.50		7.85	4.4	2.57	
280	1/17/2010 8:31	11.48	40.28	25.68		7.87	4.2	2.62	
281	1/17/2010 8:46	11.45	40.38	25.75		7.87	4.5	2.70	
282	1/17/2010 9:01	11.56	40.93	26.14		7.90	4.9	2.76	
283	1/17/2010 9:16	11.54	40.87	26.10		7.90	4.8	2.83	
284	1/17/2010 9:31	11.55	41.12	26.28		7.92	4.9	2.92	
285	1/17/2010 9:46	11.57	41.33	26.43		7.93	4.8	2.98	
286	1/17/2010 10:01	11.59	41.61	26.62		7.94	4.9	3.07	
287	1/17/2010 10:16	11.59	41.84	26.79		7.95	6.2	3.15	
288	1/17/2010 10:31	11.58	42.03	26.92		7.96	6.5	3.23	
289	1/17/2010 10:46	11.59	42.16	27.01		7.96	6.4	3.31	
290	1/17/2010 11:01	11.57	42.24	27.07		7.97	6.5	3.38	
291	1/17/2010 11:16	11.57	42.70	27.40		7.98	5.9	3.45	
292	1/17/2010 11:31	11.57	42.91	27.54		7.99	5.4	3.51	
293	1/17/2010 11:46	11.56	42.93	27.55		7.99	5.2	3.56	
294	1/17/2010 12:01	11.57	43.10	27.68		8.00	5.1	3.62	
295	1/17/2010 12:16	11.57	43.22	27.77		8.00	4.6	3.67	
296	1/17/2010 12:31	11.56	43.30	27.82		8.00	4.3	3.66	
297	1/17/2010 12:46	11.56	43.32	27.84		8.01	3.7	3.69	
298	1/17/2010 13:01	11.56	43.24	27.78		8.00	3.7	3.68	
299	1/17/2010 13:16	11.57	43.26	27.79		8.00	4.5	3.64	
300	1/17/2010 13:31	11.55	43.27	27.80		8.00	4.0	3.60	
301	1/17/2010 13:46	11.49	42.89	27.53		7.99	12.9	3.53	
302	1/17/2010 14:01	11.44	42.43	27.20		7.97	17.6	3.43	
303	1/17/2010 14:16	11.43	42.28	27.09		7.96	22.0	3.36	
304	1/17/2010 14:31	11.42	42.04	26.92		7.95	30.7	3.24	
305	1/17/2010 14:46	11.42	41.98	26.88		7.95	37.4	3.16	
306	1/17/2010 15:01	11.42	41.86	26.79		7.94	41.1	3.05	
307	1/17/2010 15:16	11.41	41.70	26.68		7.93	45.2	2.95	
308	1/17/2010 15:31	11.37	41.47	26.52		7.92	45.0	2.89	
309	1/17/2010 15:46	11.34	41.17	26.30		7.91	42.9	2.76	
310	1/17/2010 16:01	11.35	41.02	26.20		7.91	41.4	2.64	
311	1/17/2010 16:16	11.34	41.11	26.26		7.90	43.8	2.56	
312	1/17/2010 16:31	11.32	41.25	26.36		7.91	42.1	2.42	
313	1/17/2010 16:46	11.29	41.06	26.22		7.90	39.3	2.30	
314	1/17/2010 17:01	11.26	40.85	26.07		7.90	37.1	2.19	
315	1/17/2010 17:16	11.20	40.40	25.76		7.88	35.3	2.07	
316	1/17/2010 17:31	11.15	40.42	25.77		7.88	36.0	1.96	
317	1/17/2010 17:46	11.11	40.09	25.54		7.87	33.0	1.85	
318	1/17/2010 18:01	11.07	39.85	25.37		7.85	30.7	1.78	
319	1/17/2010 18:16	11.06	39.80	25.33		7.84	29.7	1.66	
320	1/17/2010 18:31	11.05	39.65	25.23		7.84	28.6	1.58	
321	1/17/2010 18:46	11.04	39.51	25.12		7.83	26.6	1.52	
322	1/17/2010 19:01	11.03	39.53	25.14		7.83	23.7	1.48	
323	1/17/2010 19:16	11.02	39.43	25.07		7.82	19.5	1.44	

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			
324	1/17/2010 19:31	11.00	39.53	25.13		7.83	20.3	1.45	
325	1/17/2010 19:46	11.01	39.55	25.15		7.83	20.9	1.48	
326	1/17/2010 20:01	11.03	39.59	25.18		7.83	21.4	1.54	
327	1/17/2010 20:16	11.03	39.61	25.20		7.83	20.9	1.57	
328	1/17/2010 20:31	11.02	39.34	25.00		7.84	17.9	1.65	
329	1/17/2010 20:46	10.93	38.40	24.34		7.83	15.1	1.73	
330	1/17/2010 21:01	10.99	38.99	24.76		7.84	15.3	1.83	
331	1/17/2010 21:16	11.08	39.39	25.05		7.85	19.2	1.91	
332	1/17/2010 21:31	11.10	39.56	25.17		7.85	22.7	2.00	
333	1/17/2010 21:46	11.11	39.63	25.21		7.86	19.8	2.10	
334	1/17/2010 22:01	11.10	39.76	25.30		7.87	23.1	2.19	
335	1/17/2010 22:16	11.10	40.03	25.49		7.87	21.1	2.27	
336	1/17/2010 22:31	11.12	40.20	25.61		7.87	20.7	2.38	
337	1/17/2010 22:46	11.15	40.23	25.64		7.87	22.2	2.47	
338	1/17/2010 23:01	11.19	40.46	25.80		7.88	26.7	2.53	
339	1/17/2010 23:16	11.22	40.66	25.94		7.89	28.2	2.65	
340	1/17/2010 23:31	11.23	40.74	26.00		7.89	33.1	2.74	
341	1/17/2010 23:46	11.24	40.90	26.11		7.90	32.8	2.85	
342	1/18/2010 0:01	11.26	41.16	26.29		7.91	24.8	2.91	
343	1/18/2010 0:16	11.29	41.36	26.44		7.92	25.8	3.01	
344	1/18/2010 0:31	11.32	41.70	26.68		7.94	28.9	3.08	
345	1/18/2010 0:46	11.36	42.08	26.95		7.95	43.4	3.17	
346	1/18/2010 1:01	11.37	42.42	27.19		7.96	32.0	3.26	
347	1/18/2010 1:16	11.38	42.65	27.35		7.97	24.0	3.32	
348	1/18/2010 1:31	11.40	42.86	27.50		7.97	17.8	3.38	
349	1/18/2010 1:46	11.41	42.97	27.58		7.97	14.2	3.41	
350	1/18/2010 2:01	11.42	43.01	27.61		7.97	8.2	3.44	
351	1/18/2010 2:16	11.41	42.88	27.51		7.98	14.7	3.44	
352	1/18/2010 2:31	11.42	42.87	27.51		7.98	10.7	3.42	
353	1/18/2010 2:46	11.42	43.02	27.62		7.98	15.3	3.39	
354	1/18/2010 3:01	11.16	41.71	26.68		7.92	16.2	3.35	
355	1/18/2010 3:16	11.26	42.20	27.02		7.93	11.8	3.28	
356	1/18/2010 3:31	11.24	41.93	26.83		7.94	14.1	3.20	
357	1/18/2010 3:46	11.21	41.62	26.62		7.93	38.6	3.14	
358	1/18/2010 4:01	11.11	41.11	26.25		7.90	15.9	3.08	
359	1/18/2010 4:16	11.08	40.97	26.16		7.89	11.5	2.97	
360	1/18/2010 4:31	11.07	40.85	26.06		7.89	11.6	2.91	
361	1/18/2010 4:46	11.06	40.84	26.06		7.89	11.9	2.83	
362	1/18/2010 5:01	11.05	40.77	26.01		7.88	11.3	2.76	
363	1/18/2010 5:16	11.03	40.54	25.85		7.88	13.0	2.74	
364	1/18/2010 5:31	11.02	40.49	25.81		7.88	13.9	2.71	
365	1/18/2010 5:46	10.99	40.38	25.73		7.87	16.0	2.59	
366	1/18/2010 6:01	10.94	40.09	25.53		7.87	17.3	2.55	
367	1/18/2010 6:16	10.93	40.03	25.48		7.86	17.0	2.52	
368	1/18/2010 6:31	10.91	39.97	25.44		7.86	16.9	2.44	
369	1/18/2010 6:46	10.89	39.91	25.40		7.84	18.5	2.38	
370	1/18/2010 7:01	10.86	39.77	25.30		7.84	16.1	2.40	
371	1/18/2010 7:16	10.83	39.58	25.16		7.85	15.6	2.30	
372	1/18/2010 7:31	11.00	40.22	25.62		7.87	12.5	2.31	
373	1/18/2010 7:46	10.99	40.29	25.67		7.85	13.3	2.34	
374	1/18/2010 8:01	10.95	40.11	25.54		7.86	12.7	2.31	
375	1/18/2010 8:16	11.01	40.27	25.65		7.87	16.2	2.35	
376	1/18/2010 8:31	10.99	40.33	25.70		7.87	15.4	2.39	
377	1/18/2010 8:46	10.90	40.04	25.49		7.87	15.1	2.43	

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			
378	1/18/2010 9:01	11.04	40.63	25.91		7.89	19.3	2.49	
379	1/18/2010 9:16	11.06	40.82	26.04		7.90	17.9	2.56	
380	1/18/2010 9:31	11.05	40.82	26.05		7.90	14.1	2.67	
381	1/18/2010 9:46	11.12	41.12	26.26		7.91	18.0	2.75	
382	1/18/2010 10:01	11.14	41.38	26.45		7.92	19.9	2.80	
383	1/18/2010 10:16	11.16	41.50	26.53		7.93	16.8	2.87	
384	1/18/2010 10:31	11.19	41.71	26.68		7.93	15.4	2.97	
385	1/18/2010 10:46	11.22	41.95	26.85		7.94	17.6	3.06	
386	1/18/2010 11:01	11.27	42.18	27.01		7.95	18.5	3.14	
387	1/18/2010 11:16	11.31	42.37	27.15		7.96	16.2	3.21	
388	1/18/2010 11:31	11.31	42.56	27.28		7.97	12.6	3.28	
389	1/18/2010 11:46	11.35	42.76	27.43		7.98	12.6	3.41	
390	1/18/2010 12:01	11.36	42.84	27.49		7.98	9.6	3.42	
391	1/18/2010 12:16	11.37	42.89	27.52		7.99	9.5	3.46	
392	1/18/2010 12:31	11.38	43.14	27.70		7.98	7.6	3.52	
393	1/18/2010 12:46	11.39	43.18	27.73		8.00	7.5	3.53	
394	1/18/2010 13:01	11.40	43.16	27.71		8.00	6.2	3.57	
395	1/18/2010 13:16	11.42	43.24	27.77		8.00	5.2	3.58	
396	1/18/2010 13:31	11.41	43.09	27.66		7.99	4.8	3.60	
397	1/18/2010 13:46	11.36	42.90	27.53		7.97	6.2	3.56	
398	1/18/2010 14:01	11.29	42.34	27.13		7.96	8.2	3.54	
399	1/18/2010 14:16	11.39	43.04	27.63		7.99	7.3	3.47	
400	1/18/2010 14:31	11.39	43.09	27.66		7.99	7.9	3.41	
401	1/18/2010 14:46	11.35	42.32	27.11		7.97	8.5	3.36	
402	1/18/2010 15:01	11.32	42.34	27.13		7.96	8.7	3.25	
403	1/18/2010 15:16	11.30	42.37	27.15		7.96	14.9	3.16	
404	1/18/2010 15:31	11.30	42.33	27.12		7.96	11.6	3.08	
405	1/18/2010 15:46	11.22	41.66	26.65		7.94	13.4	2.96	
406	1/18/2010 16:01	11.14	41.03	26.19		7.91	12.4	2.87	
407	1/18/2010 16:16	11.05	40.40	25.75		7.89	10.1	2.79	
408	1/18/2010 16:31	11.05	40.36	25.72		7.89	10.3	2.71	
409	1/18/2010 16:46	11.08	40.74	25.99		7.90	9.5	2.57	
410	1/18/2010 17:01	11.04	40.46	25.79		7.89	11.3	2.48	
411	1/18/2010 17:16	11.07	40.73	25.98		7.90	11.0	2.40	
412	1/18/2010 17:31	11.10	40.98	26.16		7.91	11.4	2.28	
413	1/18/2010 17:46	11.03	40.38	25.73		7.89	13.3	2.21	
414	1/18/2010 18:01	11.03	40.63	25.91		7.89	12.8	2.12	
415	1/18/2010 18:16	11.02	40.71	25.97		7.90	13.1	2.00	
416	1/18/2010 18:31	10.96	40.39	25.74		7.88	14.2	1.93	
417	1/18/2010 18:46	10.93	40.20	25.60		7.88	15.1	1.85	
418	1/18/2010 19:01	10.89	39.99	25.46		7.87	15.4	1.78	
419	1/18/2010 19:16	10.87	39.82	25.34		7.86	15.1	1.70	
420	1/18/2010 19:31	10.85	39.76	25.29		7.86	14.7	1.65	
421	1/18/2010 19:46	10.84	39.67	25.23		7.86	12.9	1.65	
422	1/18/2010 20:01	10.83	39.73	25.27		7.86	11.5	1.61	
423	1/18/2010 20:16	10.82	39.67	25.23		7.86	12.3	1.61	
424	1/18/2010 20:31	10.83	39.75	25.28		7.86	14.4	1.68	
425	1/18/2010 20:46	10.85	39.90	25.39		7.86	14.3	1.73	
426	1/18/2010 21:01	10.76	38.60	24.47		7.86	14.6	1.79	
427	1/18/2010 21:16	10.71	38.02	24.07		7.85	12.3	1.89	
428	1/18/2010 21:31	10.84	39.06	24.80		7.86	11.5	1.96	
429	1/18/2010 21:46	10.85	39.21	24.91		7.86	10.8	2.03	
430	1/18/2010 22:01	10.83	39.21	24.91		7.84	10.7	2.12	
431	1/18/2010 22:16	10.94	39.78	25.31		7.88	11.2	2.20	

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			
432	1/18/2010 22:31	10.95	40.17	25.58		7.89	14.3	2.28	
433	1/18/2010 22:46	10.95	40.29	25.67		7.89	13.3	2.36	
434	1/18/2010 23:01	10.95	40.47	25.79		7.87	13.8	2.46	
435	1/18/2010 23:16	10.95	40.47	25.80		7.87	16.3	2.52	
436	1/18/2010 23:31	10.99	40.65	25.93		7.90	15.6	2.58	
437	1/18/2010 23:46	11.01	40.70	25.96		7.90	17.0	2.67	
438	1/19/2010 0:01	11.04	40.81	26.04		7.91	22.3	2.77	
439	1/19/2010 0:16	11.08	40.95	26.14		7.92	24.2	2.82	
440	1/19/2010 0:31	11.09	41.23	26.34		7.93	17.8	2.93	
441	1/19/2010 0:46	11.11	41.36	26.43		7.94	15.7	2.92	
442	1/19/2010 1:01	11.11	41.43	26.48		7.94	13.7	3.02	
443	1/19/2010 1:16	11.13	41.62	26.61		7.95	12.0	3.10	
444	1/19/2010 1:31	11.15	41.73	26.69		7.95	10.7	3.12	
445	1/19/2010 1:46	11.18	42.04	26.91		7.96	10.7	3.18	
446	1/19/2010 2:01	11.18	42.20	27.02		7.94	7.3	3.21	
447	1/19/2010 2:16	11.22	42.31	27.10		7.97	9.1	3.22	
448	1/19/2010 2:31	11.23	42.35	27.13		7.97	7.6	3.28	
449	1/19/2010 2:46	11.22	42.44	27.19		7.97	6.8	3.30	
450	1/19/2010 3:01	11.05	41.74	26.69		7.95	6.8	3.29	
451	1/19/2010 3:16	11.13	42.27	27.07		7.96	6.8	3.28	
452	1/19/2010 3:31	11.22	42.48	27.22		7.94	5.4	3.28	
453	1/19/2010 3:46	11.24	42.69	27.37		7.95	6.2	3.28	
454	1/19/2010 4:01	11.06	41.92	26.82		7.95	7.6	3.25	
455	1/19/2010 4:16	11.02	41.67	26.65		7.95	8.1	3.20	
456	1/19/2010 4:31	10.98	41.32	26.40		7.94	10.2	3.18	
457	1/19/2010 4:46	10.94	41.12	26.25		7.93	11.5	3.11	
458	1/19/2010 5:01	10.83	40.10	25.53		7.92	9.1	3.03	
459	1/19/2010 5:16	10.78	39.62	25.19		7.92	10.1	3.00	
460	1/19/2010 5:31	10.73	39.70	25.24		7.91	22.7	2.89	
461	1/19/2010 5:46	10.71	39.82	25.33		7.90	16.4	2.85	
462	1/19/2010 6:01	10.60	38.88	24.67		7.89	14.2	2.76	
463	1/19/2010 6:16	10.56	38.74	24.57		7.89	13.7	2.66	
464	1/19/2010 6:31	10.52	38.67	24.52		7.89	14.5	2.65	
465	1/19/2010 6:46	10.47	37.99	24.04		7.88	15.3	2.56	
466	1/19/2010 7:01	10.64	39.25	24.92		7.89	12.1	2.53	
467	1/19/2010 7:16	10.81	40.33	25.69		7.90	10.7	2.46	
468	1/19/2010 7:31	10.82	40.32	25.69		7.90	8.5	2.44	
469	1/19/2010 7:46	10.83	40.44	25.77		7.90	8.7	2.42	
470	1/19/2010 8:01	10.83	40.39	25.74		7.90	9.8	2.40	
471	1/19/2010 8:16	10.71	39.84	25.34		7.87	9.8	2.39	
472	1/19/2010 8:31	10.64	39.64	25.20		7.89	11.1	2.43	
473	1/19/2010 8:46	10.69	39.82	25.33		7.87	11.4	2.44	
474	1/19/2010 9:01	10.74	39.93	25.41		7.87	12.6	2.46	
475	1/19/2010 9:16	10.78	39.96	25.43		7.90	12.3	2.49	
476	1/19/2010 9:31	10.79	40.04	25.49		7.90	15.3	2.52	
477	1/19/2010 9:46	10.80	40.12	25.54		7.90	15.0	2.59	
478	1/19/2010 10:01	10.76	39.74	25.27		7.91	11.4	2.68	
479	1/19/2010 10:16	10.82	40.01	25.47		7.92	10.3	2.68	
480	1/19/2010 10:31	10.79	39.78	25.31		7.89	8.9	2.80	
481	1/19/2010 10:46	10.84	40.39	25.74		7.92	12.0	2.85	
482	1/19/2010 11:01	10.89	40.85	26.06		7.93	13.2	2.93	
483	1/19/2010 11:16	10.88	40.58	25.87		7.93	11.1	3.02	
484	1/19/2010 11:31	10.92	40.87	26.07		7.93	12.0	3.11	
485	1/19/2010 11:46	10.97	41.05	26.20		7.94	10.6	3.15	

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	
486	1/19/2010 12:01	11.03	41.55	26.56		7.95	11.3	3.24	
487	1/19/2010 12:16	11.05	41.37	26.43		7.95	8.7	3.28	
488	1/19/2010 12:31	11.07	41.65	26.63		7.96	9.0	3.33	
489	1/19/2010 12:46	11.08	41.82	26.75		7.96	8.5	3.40	
490	1/19/2010 13:01	11.09	41.76	26.71		7.96	7.1	3.42	
491	1/19/2010 13:16	11.10	41.84	26.77		7.94	6.5	3.44	
492	1/19/2010 13:31	11.13	41.95	26.85		7.96	5.7	3.49	
493	1/19/2010 13:46	11.12	41.87	26.79		7.96	5.5	3.50	
494	1/19/2010 14:01	11.09	41.77	26.72		7.96	5.0	3.48	
495	1/19/2010 14:16	11.10	41.74	26.69		7.96	6.3	3.48	
496	1/19/2010 14:31	11.05	41.31	26.39		7.94	7.3	3.46	
497	1/19/2010 14:46	11.12	42.09	26.94		7.94	7.8	3.41	
498	1/19/2010 15:01	11.11	41.96	26.85		7.94	8.9	3.33	
499	1/19/2010 15:16	11.09	41.71	26.67		7.95	9.3	3.32	
500	1/19/2010 15:31	11.06	40.47	25.80		7.92	20.3	3.22	
501	1/19/2010 15:46	11.02	39.35	25.01		7.93	10.7	3.14	
502	1/19/2010 16:01	10.99	39.38	25.03		7.92	10.1	3.07	
503	1/19/2010 16:16	10.92	38.53	24.44		7.92	13.6	2.94	
504	1/19/2010 16:31	10.89	39.26	24.95		7.92	9.3	2.87	
505	1/19/2010 16:46	10.83	39.26	24.94		7.89	10.4	2.79	
506	1/19/2010 17:01	10.80	39.28	24.95		7.89	9.6	2.68	
507	1/19/2010 17:16	10.79	39.50	25.10		7.92	9.1	2.56	
508	1/19/2010 17:31	10.74	39.33	24.99		7.91	10.3	2.47	
509	1/19/2010 17:46	10.63	38.48	24.39		7.90	10.7	2.40	
510	1/19/2010 18:01	10.53	37.61	23.78		7.89	12.9	2.33	
511	1/19/2010 18:16	10.47	37.47	23.68		7.89	16.0	2.24	
512	1/19/2010 18:31	10.44	37.97	24.02		7.89	14.2	2.14	
513	1/19/2010 18:46	10.39	38.00	24.04		7.88	14.0	2.07	
514	1/19/2010 19:01	10.30	38.33	24.27		7.89	15.7	1.99	
515	1/19/2010 19:16	10.28	38.15	24.15		7.88	15.3	1.97	
516	1/19/2010 19:31	10.27	38.28	24.23		7.88	14.8	1.87	
517	1/19/2010 19:46	10.26	38.51	24.39		7.88	15.2	1.83	
518	1/19/2010 20:01	10.26	38.39	24.31		7.88	14.1	1.77	
519	1/19/2010 20:16	10.23	38.48	24.37		7.88	12.1	1.75	
520	1/19/2010 20:31	10.18	38.36	24.29		7.88	11.0	1.73	
521	1/19/2010 20:46	10.27	38.39	24.31		7.88	12.5	1.73	
522	1/19/2010 21:01	10.29	38.39	24.31		7.88	11.8	1.75	
523	1/19/2010 21:16	10.45	38.46	24.37		7.88	12.2	1.85	
524	1/19/2010 21:31	10.47	38.21	24.19		7.88	14.3	1.86	
525	1/19/2010 21:46	10.44	37.75	23.87		7.88	15.9	1.98	
526	1/19/2010 22:01	10.50	37.41	23.64		7.88	16.8	2.06	
527	1/19/2010 22:16	10.51	37.71	23.84		7.88	20.0	2.13	
528	1/19/2010 22:31	10.56	37.14	23.45		7.88	17.5	2.21	
529	1/19/2010 22:46	10.56	37.73	23.87		7.86	19.2	2.29	
530	1/19/2010 23:01	10.59	38.62	24.48		7.89	23.3	2.39	
531	1/19/2010 23:16	10.57	38.33	24.28		7.86	18.0	2.47	
532	1/19/2010 23:31	10.60	38.93	24.70		7.90	19.4	2.57	
533	1/19/2010 23:46	10.63	39.03	24.77		7.90	21.1	2.64	
534	1/20/2010 0:01	10.60	38.58	24.45		7.90	23.3	2.73	
535	1/20/2010 0:16	10.61	38.69	24.54		7.90	22.8	2.80	
536	1/20/2010 0:31	10.70	39.13	24.84		7.91	30.6	2.91	
537	1/20/2010 0:46	10.71	39.08	24.81		7.91	27.9	3.00	
538	1/20/2010 1:01	10.75	39.20	24.90		7.92	32.4	3.11	
539	1/20/2010 1:16	10.80	39.67	25.23		7.93	35.1	3.17	

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			
540	1/20/2010 1:31	10.85	40.07	25.51		7.94	36.5	3.24	
541	1/20/2010 1:46	10.90	40.45	25.78		7.95	25.3	3.31	
542	1/20/2010 2:01	10.92	40.78	26.01		7.96	21.8	3.39	
543	1/20/2010 2:16	10.94	40.76	26.00		7.97	25.3	3.48	
544	1/20/2010 2:31	10.96	41.01	26.17		7.97	18.8	3.49	
545	1/20/2010 2:46	10.98	41.21	26.32		7.95	16.7	3.55	
546	1/20/2010 3:01	11.00	41.25	26.35		7.98	13.4	3.53	
547	1/20/2010 3:16	10.97	41.20	26.31		7.97	13.5	3.54	
548	1/20/2010 3:31	10.98	41.07	26.22		7.97	11.5	3.55	
549	1/20/2010 3:46	11.00	41.21	26.32		7.97	13.6	3.53	
550	1/20/2010 4:01	10.80	40.11	25.53		7.95	13.9	3.47	
551	1/20/2010 4:16	10.99	41.21	26.32		7.97	13.9	3.40	
552	1/20/2010 4:31	10.94	40.95	26.13		7.97	11.6	3.37	
553	1/20/2010 4:46	10.87	40.58	25.87		7.93	13.7	3.27	
554	1/20/2010 5:01	10.59	38.68	24.52		7.90	15.9	3.21	
555	1/20/2010 5:16	10.76	39.91	25.39		7.94	20.1	3.12	
556	1/20/2010 5:31	10.67	39.47	25.09		7.93	23.3	3.04	
557	1/20/2010 5:46	10.60	39.01	24.76		7.92	15.4	2.97	
558	1/20/2010 6:01	10.47	38.45	24.36		7.91	15.1	2.89	
559	1/20/2010 6:16	10.13	36.45	22.96		7.85	17.3	2.82	
560	1/20/2010 6:31	10.03	35.89	22.57		7.83	18.9	2.74	
561	1/20/2010 6:46	10.24	37.30	23.55		7.85	17.0	2.69	
562	1/20/2010 7:01	10.30	37.57	23.74		7.88	13.2	2.62	
563	1/20/2010 7:16	10.44	38.22	24.20		7.90	11.2	2.57	
564	1/20/2010 7:31	10.47	38.45	24.36		7.90	11.5	2.49	
565	1/20/2010 7:46	10.45	38.09	24.11		7.89	10.7	2.50	
566	1/20/2010 8:01	10.40	37.90	23.98		7.83	11.2	2.42	
567	1/20/2010 8:16	10.37	38.02	24.06		7.89	10.8	2.39	
568	1/20/2010 8:31	10.32	37.73	23.85		7.88	12.4	2.36	
569	1/20/2010 8:46	10.31	37.69	23.83		7.88	9.3	2.35	
570	1/20/2010 9:01	10.37	38.01	24.05		7.89	11.0	2.34	
571	1/20/2010 9:16	10.32	37.61	23.77		7.88	11.9	2.32	
572	1/20/2010 9:31	10.34	37.79	23.90		7.89	11.8	2.33	
573	1/20/2010 9:46	10.35	37.89	23.97		7.89	12.7	2.33	
574	1/20/2010 10:01	10.37	37.92	23.99		7.86	12.6	2.40	
575	1/20/2010 10:16	10.42	38.11	24.12		7.89	16.7	2.41	
576	1/20/2010 10:31	10.43	38.02	24.06		7.89	19.8	2.46	
577	1/20/2010 10:46	10.38	37.75	23.87		7.89	13.1	2.50	
578	1/20/2010 11:01	10.44	37.91	23.99		7.90	12.7	2.58	
579	1/20/2010 11:16	10.42	37.83	23.92		7.90	15.7	2.63	
580	1/20/2010 11:31	10.32	37.72	23.84		7.90	14.7	2.70	
581	1/20/2010 11:46	10.29	37.73	23.85		7.90	13.8	2.76	
582	1/20/2010 12:01	10.26	37.79	23.89		7.90	14.5	2.83	
583	1/20/2010 12:16	10.27	37.78	23.88		7.91	14.2	2.88	
584	1/20/2010 12:31	10.32	37.99	24.03		7.91	13.4	2.98	
585	1/20/2010 12:46	10.37	38.05	24.08		7.91	11.8	3.04	
586	1/20/2010 13:01	10.52	38.89	24.67		7.93	13.4	3.06	
587	1/20/2010 13:16	10.59	39.23	24.91		7.93	13.5	3.11	
588	1/20/2010 13:31	10.62	39.37	25.01		7.91	11.7	3.17	
589	1/20/2010 13:46	10.66	39.42	25.05		7.94	10.7	3.19	
590	1/20/2010 14:01	10.66	39.35	25.00		7.94	8.7	3.21	
591	1/20/2010 14:16	10.53	38.36	24.30		7.93	9.2	3.26	
592	1/20/2010 14:31	10.68	39.55	25.14		7.93	8.7	3.24	
593	1/20/2010 14:46	10.72	39.76	25.28		7.94	8.8	3.27	

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		
594	1/20/2010 15:01	10.71	39.78	25.30		7.91	8.8	3.22	
595	1/20/2010 15:16	10.71	39.72	25.26		7.91	9.7	3.21	
596	1/20/2010 15:31	10.67	39.54	25.13		7.93	9.8	3.19	
597	1/20/2010 15:46	10.63	39.21	24.90		7.93	10.5	3.10	
598	1/20/2010 16:01	10.59	39.21	24.90		7.93	10.3	3.07	
599	1/20/2010 16:16	10.56	39.06	24.79		7.92	13.5	2.99	
600	1/20/2010 16:31	10.47	38.34	24.28		7.91	16.7	2.93	
601	1/20/2010 16:46	10.37	37.11	23.43		7.90	17.7	2.86	
602	1/20/2010 17:01	10.29	36.84	23.24		7.90	16.1	2.79	
603	1/20/2010 17:16	10.19	36.35	22.89		7.89	18.0	2.73	
604	1/20/2010 17:31	10.19	36.11	22.73		7.88	15.7	2.66	
605	1/20/2010 17:46	10.13	35.70	22.44		7.88	14.8	2.60	
606	1/20/2010 18:01	10.08	35.62	22.39		7.84	13.8	2.51	
607	1/20/2010 18:16	10.04	35.62	22.38		7.84	14.8	2.44	
608	1/20/2010 18:31	10.03	35.80	22.50		7.87	13.8	2.38	
609	1/20/2010 18:46	10.05	36.23	22.81		7.84	13.7	2.28	
610	1/20/2010 19:01	10.10	36.71	23.14		7.88	14.2	2.21	
611	1/20/2010 19:16	10.09	36.81	23.20		7.88	13.6	2.16	
612	1/20/2010 19:31	10.07	36.76	23.17		7.88	14.2	2.09	
613	1/20/2010 19:46	10.08	36.71	23.14		7.88	12.6	2.06	
614	1/20/2010 20:01	10.07	36.68	23.11		7.88	12.0	2.01	
615	1/20/2010 20:16	10.05	36.72	23.14		7.88	12.0	1.97	
616	1/20/2010 20:31	9.95	36.46	22.96		7.87	10.5	1.96	
617	1/20/2010 20:46	10.04	36.81	23.20		7.88	10.9	1.94	
618	1/20/2010 21:01	10.04	36.78	23.18		7.87	10.7	1.94	
619	1/20/2010 21:16	10.05	36.52	23.00		7.84	14.3	1.98	
620	1/20/2010 21:31	9.84	36.26	22.81		7.87	11.9	1.99	
621	1/20/2010 21:46	9.88	36.37	22.89		7.87	15.9	2.05	
622	1/20/2010 22:01	9.92	36.16	22.75		7.87	18.0	2.09	
623	1/20/2010 22:16	9.93	35.60	22.37		7.86	19.0	2.14	
624	1/20/2010 22:31	9.95	35.34	22.18		7.86	15.7	2.22	
625	1/20/2010 22:46	10.03	35.33	22.18		7.87	13.1	2.28	
626	1/20/2010 23:01	10.13	36.22	22.80		7.85	17.5	2.36	
627	1/20/2010 23:16	10.04	36.30	22.85		7.85	25.7	2.43	
628	1/20/2010 23:31	9.98	36.39	22.91		7.88	21.9	2.52	
629	1/20/2010 23:46	9.92	36.09	22.70		7.85	19.8	2.60	
630	1/21/2010 0:01	10.03	36.45	22.95		7.89	22.9	2.67	
631	1/21/2010 0:16	9.99	35.56	22.33		7.89	20.4	2.78	
632	1/21/2010 0:31	10.06	36.16	22.75		7.90	15.5	2.88	
633	1/21/2010 0:46	10.32	37.92	23.98		7.91	36.4	2.96	
634	1/21/2010 1:01	10.35	37.93	24.00		7.92	34.9	3.06	
635	1/21/2010 1:16	10.37	38.14	24.14		7.92	33.9	3.15	
636	1/21/2010 1:31	10.38	38.06	24.08		7.93	25.5	3.24	
637	1/21/2010 1:46	10.36	38.09	24.10		7.93	23.1	3.29	
638	1/21/2010 2:01	10.42	38.35	24.29		7.94	29.5	3.37	
639	1/21/2010 2:16	10.44	38.67	24.51		7.95	27.5	3.43	
640	1/21/2010 2:31	10.45	38.82	24.62		7.95	22.7	3.49	
641	1/21/2010 2:46	10.45	38.81	24.61		7.96	23.2	3.51	
642	1/21/2010 3:01	10.46	39.02	24.76		7.96	15.9	3.55	
643	1/21/2010 3:16	10.45	39.10	24.81		7.96	10.2	3.58	
644	1/21/2010 3:31	10.36	38.55	24.42		7.92	9.0	3.58	
645	1/21/2010 3:46	10.45	38.99	24.74		7.95	12.3	3.58	
646	1/21/2010 4:01	10.48	39.26	24.93		7.96	14.2	3.56	
647	1/21/2010 4:16	10.44	38.99	24.74		7.95	12.5	3.52	

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	
648	1/21/2010 4:31	10.44	38.97	24.73		7.95	14.5	3.48	
649	1/21/2010 4:46	10.44	38.92	24.69		7.95	14.0	3.43	
650	1/21/2010 5:01	10.44	38.66	24.50		7.95	15.6	3.35	
651	1/21/2010 5:16	9.60	34.69	21.72		7.89	21.0	3.30	
652	1/21/2010 5:31	9.85	36.01	22.64		7.87	17.3	3.23	
653	1/21/2010 5:46	9.92	36.40	22.91		7.86	15.4	3.13	
654	1/21/2010 6:01	9.71	35.59	22.34		7.89	15.0	3.04	
655	1/21/2010 6:16	9.59	35.03	21.96		7.88	13.6	2.99	
656	1/21/2010 6:31	9.63	35.07	21.98		7.85	12.7	2.91	
657	1/21/2010 6:46	9.58	34.77	21.78		7.87	11.1	2.85	
658	1/21/2010 7:01	9.63	35.46	22.25		7.85	11.0	2.77	
659	1/21/2010 7:16	9.60	35.15	22.04		7.84	11.2	2.71	
660	1/21/2010 7:31	9.57	35.00	21.93		7.84	10.6	2.63	
661	1/21/2010 7:46	9.53	34.94	21.89		7.87	10.8	2.59	
662	1/21/2010 8:01	9.56	35.32	22.16		7.87	10.6	2.53	
663	1/21/2010 8:16	9.60	35.52	22.29		7.84	11.4	2.45	
664	1/21/2010 8:31	9.75	35.98	22.62		7.88	11.9	2.41	
665	1/21/2010 8:46	9.75	35.99	22.62		7.88	10.6	2.38	
666	1/21/2010 9:01	9.80	36.21	22.78		7.88	10.3	2.33	
667	1/21/2010 9:16	9.62	35.56	22.32		7.88	9.7	2.31	
668	1/21/2010 9:31	9.64	35.73	22.44		7.87	9.5	2.28	
669	1/21/2010 9:46	9.63	35.78	22.48		7.87	8.7	2.28	
670	1/21/2010 10:01	9.64	35.68	22.41		7.84	9.8	2.28	
671	1/21/2010 10:16	9.64	35.67	22.40		7.84	8.9	2.27	
672	1/21/2010 10:31	9.68	35.78	22.47		7.84	9.5	2.28	
673	1/21/2010 10:46	9.65	35.73	22.44		7.84	9.1	2.31	
674	1/21/2010 11:01	9.69	35.78	22.48		7.84	10.6	2.33	
675	1/21/2010 11:16	9.73	35.91	22.57		7.84	12.6	2.39	
676	1/21/2010 11:31	9.71	35.57	22.33		7.87	18.1	2.42	
677	1/21/2010 11:46	9.64	35.35	22.18		7.87	14.6	2.48	
678	1/21/2010 12:01	9.76	35.76	22.46		7.87	11.9	2.54	
679	1/21/2010 12:16	9.72	35.45	22.25		7.84	12.0	2.59	
680	1/21/2010 12:31	9.74	35.42	22.23		7.87	11.6	2.65	
681	1/21/2010 12:46	9.70	35.09	22.00		7.87	11.8	2.72	
682	1/21/2010 13:01	9.77	35.38	22.20		7.85	12.9	2.79	
683	1/21/2010 13:16	9.76	35.67	22.40		7.85	10.3	2.83	
684	1/21/2010 13:31	9.80	36.11	22.71		7.86	10.0	2.89	
685	1/21/2010 13:46	9.88	36.64	23.08		7.87	10.0	2.95	
686	1/21/2010 14:01	9.94	36.80	23.19		7.87	10.1	2.98	
687	1/21/2010 14:16	9.99	37.01	23.34		7.91	10.7	3.01	
688	1/21/2010 14:31	9.95	36.88	23.25		7.88	8.0	3.07	
689	1/21/2010 14:46	10.01	37.13	23.42		7.88	7.4	3.08	
690	1/21/2010 15:01	10.01	37.05	23.37		7.91	9.1	3.07	
691	1/21/2010 15:16	10.03	37.23	23.49		7.88	7.3	3.11	
692	1/21/2010 15:31	10.02	37.24	23.50		7.88	7.9	3.10	
693	1/21/2010 15:46	9.96	36.93	23.28		7.90	9.4	3.06	
694	1/21/2010 16:01	9.93	36.86	23.23		7.87	10.8	3.04	
695	1/21/2010 16:16	9.86	35.59	22.35		7.89	10.0	3.03	
696	1/21/2010 16:31	9.88	36.35	22.88		7.86	10.3	2.97	
697	1/21/2010 16:46	9.82	35.79	22.49		7.85	11.0	2.93	
698	1/21/2010 17:01	9.73	35.34	22.17		7.87	9.6	2.89	
699	1/21/2010 17:16	9.81	35.96	22.61		7.88	11.8	2.83	
700	1/21/2010 17:31	9.73	35.44	22.24		7.84	8.5	2.75	
701	1/21/2010 17:46	9.74	35.21	22.09		7.84	9.4	2.71	

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		
702	1/21/2010 18:01	9.75	35.36	22.19		7.84	9.2	2.63	
703	1/21/2010 18:16	9.69	35.13	22.03		7.87	9.3	2.60	
704	1/21/2010 18:31	9.72	35.18	22.07		7.87	9.2	2.54	
705	1/21/2010 18:46	9.70	35.17	22.06		7.87	9.2	2.47	
706	1/21/2010 19:01	9.69	35.03	21.96		7.86	8.5	2.42	
707	1/21/2010 19:16	9.71	35.17	22.06		7.86	7.8	2.38	
708	1/21/2010 19:31	9.67	35.27	22.13		7.87	8.7	2.32	
709	1/21/2010 19:46	9.69	35.23	22.10		7.86	8.4	2.26	
710	1/21/2010 20:01	9.67	35.27	22.12		7.86	7.6	2.22	
711	1/21/2010 20:16	9.66	35.33	22.17		7.83	7.7	2.19	
712	1/21/2010 20:31	9.65	35.44	22.24		7.82	6.7	2.17	
713	1/21/2010 20:46	9.64	35.46	22.25		7.82	7.0	2.11	
714	1/21/2010 21:01	9.63	35.43	22.24		7.86	6.7	2.12	
715	1/21/2010 21:16	9.63	35.51	22.29		7.86	6.9	2.12	
716	1/21/2010 21:31	9.63	35.53	22.30		7.82	6.3	2.09	
717	1/21/2010 21:46	9.63	35.63	22.37		7.82	6.5	2.11	
718	1/21/2010 22:01	9.63	35.65	22.38		7.82	7.3	2.14	
719	1/21/2010 22:16	9.66	35.47	22.26		7.82	8.7	2.18	
720	1/21/2010 22:31	9.67	35.48	22.27		7.82	8.4	2.20	
721	1/21/2010 22:46	9.68	35.28	22.13		7.86	9.5	2.26	
722	1/21/2010 23:01	9.70	35.17	22.06		7.82	11.9	2.31	
723	1/21/2010 23:16	9.71	35.14	22.04		7.86	11.9	2.38	
724	1/21/2010 23:31	9.72	34.99	21.93		7.86	12.5	2.46	
725	1/21/2010 23:46	9.72	34.82	21.82		7.86	12.5	2.54	
726	1/22/2010 0:01	9.78	35.09	22.01		7.87	11.4	2.60	
727	1/22/2010 0:16	9.74	35.27	22.12		7.87	13.2	2.70	
728	1/22/2010 0:31	9.67	34.88	21.86		7.88	14.0	2.78	
729	1/22/2010 0:46	9.79	35.20	22.08		7.89	15.0	2.87	
730	1/22/2010 1:01	9.88	35.82	22.51		7.90	13.7	2.95	
731	1/22/2010 1:16	10.00	36.39	22.91		7.91	17.5	3.03	
732	1/22/2010 1:31	10.08	36.97	23.31		7.89	18.1	3.12	
733	1/22/2010 1:46	10.15	37.31	23.55		7.90	23.4	3.20	
734	1/22/2010 2:01	10.31	38.15	24.14		7.95	30.1	3.27	
735	1/22/2010 2:16	10.43	38.74	24.56		7.96	36.6	3.35	
736	1/22/2010 2:31	10.48	38.99	24.74		7.96	29.9	3.40	
737	1/22/2010 2:46	10.51	39.21	24.89		7.97	22.3	3.47	
738	1/22/2010 3:01	10.52	39.26	24.93		7.97	23.7	3.51	
739	1/22/2010 3:16	10.51	39.15	24.85		7.97	14.6	3.55	
740	1/22/2010 3:31	10.52	39.25	24.92		7.97	12.5	3.57	
741	1/22/2010 3:46	10.50	39.15	24.85		7.97	14.0	3.58	
742	1/22/2010 4:01	10.51	39.28	24.94		7.97	15.9	3.59	
743	1/22/2010 4:16	10.51	39.33	24.98		7.94	15.0	3.58	
744	1/22/2010 4:31	10.51	39.25	24.92		7.94	13.6	3.57	
745	1/22/2010 4:46	10.34	38.42	24.34		7.95	11.4	3.52	
746	1/22/2010 5:01	9.58	35.54	22.30		7.85	9.5	3.50	
747	1/22/2010 5:16	9.53	34.99	21.93		7.85	8.6	3.44	
748	1/22/2010 5:31	10.33	38.45	24.36		7.92	14.5	3.35	
749	1/22/2010 5:46	10.26	38.06	24.08		7.90	16.9	3.30	
750	1/22/2010 6:01	10.01	36.88	23.25		7.90	19.3	3.24	
751	1/22/2010 6:16	10.07	37.38	23.60		7.90	16.2	3.15	
752	1/22/2010 6:31	9.85	36.37	22.89		7.90	20.7	3.09	
753	1/22/2010 6:46	9.87	36.56	23.02		7.88	17.3	3.01	
754	1/22/2010 7:01	9.93	36.69	23.11		7.88	17.2	2.94	
755	1/22/2010 7:16	9.83	36.30	22.84		7.91	18.3	2.86	

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			
756	1/22/2010 7:31	9.69	35.85	22.53		7.86	13.6	2.78	
757	1/22/2010 7:46	9.51	35.43	22.23		7.88	10.4	2.71	
758	1/22/2010 8:01	9.53	35.62	22.36		7.85	9.9	2.64	
759	1/22/2010 8:16	9.54	35.72	22.43		7.89	8.1	2.56	
760	1/22/2010 8:31	9.51	35.70	22.41		7.85	8.1	2.49	
761	1/22/2010 8:46	9.49	35.53	22.29		7.87	7.5	2.44	
762	1/22/2010 9:01	9.42	34.93	21.88		7.86	7.6	2.38	
763	1/22/2010 9:16	9.42	35.00	21.93		7.86	8.2	2.32	
764	1/22/2010 9:31	9.42	35.00	21.93		7.82	8.1	2.29	
765	1/22/2010 9:46	9.41	35.07	21.98		7.85	7.9	2.23	
766	1/22/2010 10:01	9.46	35.32	22.15		7.86	8.9	2.20	
767	1/22/2010 10:16	9.45	35.30	22.14		7.86	7.4	2.17	
768	1/22/2010 10:31	9.43	35.28	22.12		7.86	7.0	2.15	
769	1/22/2010 10:46	9.45	35.21	22.07		7.82	7.3	2.13	
770	1/22/2010 11:01	9.47	35.20	22.07		7.82	7.4	2.13	
771	1/22/2010 11:16	9.50	35.47	22.26		7.83	7.9	2.13	
772	1/22/2010 11:31	9.46	35.23	22.09		7.82	7.4	2.16	
773	1/22/2010 11:46	9.49	35.36	22.18		7.82	8.6	2.18	
774	1/22/2010 12:01	9.51	35.40	22.21		7.82	9.4	2.21	
775	1/22/2010 12:16	9.49	35.12	22.01		7.82	10.6	2.25	
776	1/22/2010 12:31	9.45	34.92	21.87		7.81	15.0	2.30	
777	1/22/2010 12:46	9.52	35.27	22.11		7.82	10.1	2.33	
778	1/22/2010 13:01	9.56	35.08	21.99		7.82	8.4	2.39	
779	1/22/2010 13:16	9.62	35.08	21.99		7.86	9.1	2.44	
780	1/22/2010 13:31	9.62	34.97	21.92		7.86	7.7	2.50	
781	1/22/2010 13:46	9.64	35.28	22.13		7.87	8.2	2.55	
782	1/22/2010 14:01	9.59	35.42	22.22		7.84	8.1	2.62	
783	1/22/2010 14:16	9.58	35.44	22.24		7.84	9.4	2.66	
784	1/22/2010 14:31	9.64	35.49	22.27		7.84	8.5	2.70	
785	1/22/2010 14:46	9.68	35.87	22.54		7.85	9.5	2.74	
786	1/22/2010 15:01	9.71	36.22	22.78		7.89	9.2	2.79	
787	1/22/2010 15:16	9.78	36.49	22.97		7.90	9.9	2.82	
788	1/22/2010 15:31	9.83	36.74	23.14		7.91	8.4	2.85	
789	1/22/2010 15:46	9.80	36.85	23.22		7.87	8.6	2.87	
790	1/22/2010 16:01	9.88	35.03	21.97		7.84	6.8	2.89	
791	1/22/2010 16:16	9.83	36.12	22.72		7.86	5.9	2.91	
792	1/22/2010 16:31	9.75	36.32	22.85		7.89	6.8	2.91	
793	1/22/2010 16:46	9.77	36.30	22.84		7.90	6.8	2.91	
794	1/22/2010 17:01	9.82	36.82	23.20		7.86	8.1	2.89	
795	1/22/2010 17:16	9.78	36.17	22.75		7.86	7.0	2.85	
796	1/22/2010 17:31	9.76	36.25	22.80		7.85	7.1	2.83	
797	1/22/2010 17:46	9.74	36.27	22.82		7.85	7.9	2.78	
798	1/22/2010 18:01	9.74	36.05	22.66		7.88	9.5	2.75	
799	1/22/2010 18:16	9.74	35.77	22.47		7.85	9.5	2.72	
800	1/22/2010 18:31	9.70	35.17	22.06		7.84	8.8	2.69	
801	1/22/2010 18:46	9.68	35.15	22.04		7.87	8.7	2.64	
802	1/22/2010 19:01	9.66	35.23	22.10		7.87	8.0	2.57	
803	1/22/2010 19:16	9.65	35.37	22.19		7.87	7.5	2.54	
804	1/22/2010 19:31	9.63	35.34	22.17		7.83	8.4	2.51	
805	1/22/2010 19:46	9.60	35.11	22.01		7.83	8.1	2.46	
806	1/22/2010 20:01	9.59	35.17	22.05		7.86	7.6	2.41	
807	1/22/2010 20:16	9.58	35.15	22.04		7.86	7.4	2.37	
808	1/22/2010 20:31	9.54	35.00	21.93		7.82	6.7	2.37	
809	1/22/2010 20:46	9.53	35.12	22.01		7.82	5.6	2.33	

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			
810	1/22/2010 21:01	9.52	35.11	22.01		7.82	6.2	2.26	
811	1/22/2010 21:16	9.52	35.19	22.06		7.82	6.5	2.28	
812	1/22/2010 21:31	9.48	34.94	21.89		7.82	5.4	2.29	
813	1/22/2010 21:46	9.47	34.82	21.81		7.85	6.2	2.25	
814	1/22/2010 22:01	9.48	34.86	21.83		7.85	5.9	2.28	
815	1/22/2010 22:16	9.52	34.85	21.83		7.82	6.3	2.25	
816	1/22/2010 22:31	9.53	34.68	21.71		7.81	7.0	2.30	
817	1/22/2010 22:46	9.50	34.73	21.75		7.85	6.2	2.30	
818	1/22/2010 23:01	9.57	35.06	21.98		7.86	6.9	2.32	
819	1/22/2010 23:16	9.59	35.19	22.06		7.82	7.3	2.37	
820	1/22/2010 23:31	9.60	35.10	22.00		7.85	7.7	2.39	
821	1/22/2010 23:46	9.63	35.22	22.09		7.83	10.2	2.46	
822	1/23/2010 0:01	9.60	35.01	21.94		7.82	8.3	2.51	
823	1/23/2010 0:16	9.66	35.21	22.08		7.83	7.3	2.60	
824	1/23/2010 0:31	9.71	35.32	22.16		7.87	7.4	2.64	
825	1/23/2010 0:46	9.66	35.20	22.08		7.87	10.4	2.72	
826	1/23/2010 1:01	9.81	36.39	22.90		7.86	9.8	2.78	
827	1/23/2010 1:16	9.95	37.38	23.60		7.88	10.4	2.83	
828	1/23/2010 1:31	9.78	36.63	23.07		7.91	10.3	2.90	
829	1/23/2010 1:46	9.84	36.72	23.13		7.87	9.3	3.00	
830	1/23/2010 2:01	9.95	37.23	23.49		7.92	11.1	3.07	
831	1/23/2010 2:16	10.01	37.41	23.62		7.92	10.0	3.11	
832	1/23/2010 2:31	10.09	37.83	23.91		7.90	9.4	3.21	
833	1/23/2010 2:46	10.20	38.36	24.28		7.94	10.3	3.29	
834	1/23/2010 3:01	10.23	38.48	24.37		7.91	11.2	3.35	
835	1/23/2010 3:16	10.31	38.88	24.66		7.95	11.1	3.41	
836	1/23/2010 3:31	10.38	39.15	24.85		7.96	10.6	3.45	
837	1/23/2010 3:46	10.40	39.47	25.07		7.96	10.3	3.52	
838	1/23/2010 4:01	10.43	39.49	25.08		7.93	10.4	3.57	
839	1/23/2010 4:16	10.48	39.85	25.34		7.97	11.7	3.59	
840	1/23/2010 4:31	10.51	40.07	25.49		7.94	11.8	3.62	
841	1/23/2010 4:46	10.56	40.08	25.50		7.98	11.8	3.64	
842	1/23/2010 5:01	10.45	39.69	25.23		7.96	7.5	3.62	
843	1/23/2010 5:16	10.38	39.52	25.11		7.96	7.3	3.62	
844	1/23/2010 5:31	10.42	39.59	25.16		7.96	7.7	3.62	
845	1/23/2010 5:46	10.28	39.16	24.85		7.95	8.9	3.57	
846	1/23/2010 6:01	9.59	36.06	22.67		7.88	6.7	3.53	
847	1/23/2010 6:16	9.71	35.79	22.48		7.85	7.9	3.47	
848	1/23/2010 6:31	9.50	35.45	22.24		7.83	6.5	3.39	
849	1/23/2010 6:46	9.91	37.10	23.40		7.87	11.7	3.33	
850	1/23/2010 7:01	9.58	35.83	22.51		7.84	7.0	3.26	
851	1/23/2010 7:16	9.64	36.21	22.77		7.85	8.1	3.18	
852	1/23/2010 7:31	9.53	36.12	22.71		7.85	6.8	3.10	
853	1/23/2010 7:46	9.60	36.40	22.90		7.86	6.3	3.02	
854	1/23/2010 8:01	9.60	36.26	22.80		7.89	6.0	2.94	
855	1/23/2010 8:16	9.62	36.36	22.88		7.89	6.0	2.86	
856	1/23/2010 8:31	9.61	36.36	22.87		7.85	6.5	2.77	
857	1/23/2010 8:46	9.58	36.20	22.77		7.85	5.9	2.70	
858	1/23/2010 9:01	9.51	35.70	22.42		7.87	7.4	2.59	
859	1/23/2010 9:16	9.50	35.66	22.38		7.87	7.0	2.52	
860	1/23/2010 9:31	9.57	35.97	22.60		7.84	5.7	2.48	
861	1/23/2010 9:46	9.49	35.69	22.41		7.83	5.8	2.39	
862	1/23/2010 10:01	9.47	35.54	22.30		7.83	5.3	2.34	
863	1/23/2010 10:16	9.46	35.57	22.32		7.87	5.5	2.25	

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	
864	1/23/2010 10:31	9.43	35.43	22.22		7.87	5.2	2.18	
865	1/23/2010 10:46	9.42	35.42	22.22		7.87	4.9	2.14	
866	1/23/2010 11:01	9.38	35.30	22.13		7.86	4.8	2.09	
867	1/23/2010 11:16	9.33	35.05	21.96		7.82	4.5	2.06	
868	1/23/2010 11:31	9.32	35.01	21.93		7.86	4.3	2.04	
869	1/23/2010 11:46	9.43	35.35	22.17		7.84	4.4	2.03	
870	1/23/2010 12:01	9.39	35.13	22.01		7.86	4.2	1.98	
871	1/23/2010 12:16	9.43	35.06	21.97		7.82	4.3	2.03	
872	1/23/2010 12:31	9.46	35.30	22.14		7.82	4.7	2.05	
873	1/23/2010 12:46	9.47	35.23	22.09		7.82	4.7	2.07	
874	1/23/2010 13:01	9.43	35.47	22.25		7.82	5.1	2.11	
875	1/23/2010 13:16	9.47	35.21	22.08		7.85	6.0	2.13	
876	1/23/2010 13:31	9.42	35.16	22.04		7.81	7.0	2.18	
877	1/23/2010 13:46	9.42	35.07	21.98		7.81	7.6	2.26	
878	1/23/2010 14:01	9.44	35.25	22.10		7.85	6.3	2.28	
879	1/23/2010 14:16	9.46	35.50	22.28		7.81	6.5	2.34	
880	1/23/2010 14:31	9.51	35.48	22.26		7.82	6.9	2.39	
881	1/23/2010 14:46	9.53	35.52	22.29		7.82	6.7	2.42	
882	1/23/2010 15:01	9.57	35.85	22.52		7.83	7.2	2.47	
883	1/23/2010 15:16	9.59	35.87	22.53		7.83	7.8	2.52	
884	1/23/2010 15:31	9.62	36.01	22.64		7.87	7.2	2.55	
885	1/23/2010 15:46	9.64	36.05	22.66		7.88	7.7	2.59	
886	1/23/2010 16:01	9.64	36.12	22.71		7.88	7.3	2.61	
887	1/23/2010 16:16	9.64	36.12	22.71		7.88	6.8	2.66	
888	1/23/2010 16:31	9.66	36.14	22.73		7.88	7.0	2.68	
889	1/23/2010 16:46	9.67	36.12	22.71		7.88	6.8	2.72	
890	1/23/2010 17:01	9.67	36.03	22.65		7.88	6.5	2.77	
891	1/23/2010 17:16	9.73	35.98	22.62		7.88	6.5	2.78	
892	1/23/2010 17:31	9.77	35.98	22.62		7.85	6.3	2.81	
893	1/23/2010 17:46	9.73	36.04	22.66		7.85	5.0	2.82	
894	1/23/2010 18:01	9.71	35.97	22.61		7.88	5.8	2.81	
895	1/23/2010 18:16	9.70	36.16	22.74		7.84	4.6	2.83	
896	1/23/2010 18:31	9.70	36.05	22.67		7.88	5.9	2.81	
897	1/23/2010 18:46	9.69	35.91	22.57		7.88	5.9	2.81	
898	1/23/2010 19:01	9.67	36.26	22.81		7.84	8.4	2.77	
899	1/23/2010 19:16	9.69	36.00	22.63		7.87	6.7	2.75	
900	1/23/2010 19:31	9.71	35.76	22.46		7.87	7.9	2.73	
901	1/23/2010 19:46	9.67	35.91	22.56		7.83	6.9	2.68	
902	1/23/2010 20:01	9.61	35.45	22.25		7.82	6.6	2.63	
903	1/23/2010 20:16	9.59	34.96	21.91		7.86	6.0	2.59	
904	1/23/2010 20:31	9.60	35.50	22.28		7.82	6.0	2.56	
905	1/23/2010 20:46	9.57	34.86	21.84		7.82	5.3	2.52	
906	1/23/2010 21:01	9.54	34.95	21.90		7.81	5.1	2.49	
907	1/23/2010 21:16	9.52	34.80	21.80		7.81	5.1	2.47	
908	1/23/2010 21:31	9.50	34.70	21.72		7.84	5.1	2.45	
909	1/23/2010 21:46	9.51	35.25	22.10		7.81	4.2	2.41	
910	1/23/2010 22:01	9.52	35.37	22.19		7.81	4.1	2.43	
911	1/23/2010 22:16	9.52	35.23	22.09		7.81	4.5	2.42	
912	1/23/2010 22:31	9.52	34.98	21.92		7.81	4.8	2.42	
913	1/23/2010 22:46	9.53	34.87	21.85		7.81	4.9	2.45	
914	1/23/2010 23:01	9.55	35.32	22.15		7.81	4.8	2.45	
915	1/23/2010 23:16	9.52	35.10	22.00		7.81	4.9	2.46	
916	1/23/2010 23:31	9.56	35.47	22.26		7.81	5.4	2.50	
917	1/23/2010 23:46	9.52	34.98	21.92		7.81	5.3	2.52	

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	
918	1/24/2010 0:01	9.62	35.54	22.31		7.82	5.9	2.56	
919	1/24/2010 0:16	9.66	35.69	22.41		7.83	6.6	2.59	
920	1/24/2010 0:31	9.71	36.09	22.69		7.84	6.8	2.63	
921	1/24/2010 0:46	9.71	35.92	22.57		7.84	7.6	2.68	
922	1/24/2010 1:01	9.73	35.91	22.57		7.84	6.9	2.74	
923	1/24/2010 1:16	9.70	35.48	22.27		7.83	7.3	2.79	
924	1/24/2010 1:31	9.64	35.69	22.41		7.84	7.9	2.86	
925	1/24/2010 1:46	9.84	36.96	23.30		7.87	9.0	2.94	
926	1/24/2010 2:01	9.80	36.91	23.26		7.87	9.4	2.98	
927	1/24/2010 2:16	9.77	36.82	23.20		7.90	9.1	3.05	
928	1/24/2010 2:31	9.78	36.78	23.17		7.90	7.7	3.12	
929	1/24/2010 2:46	10.06	37.86	23.93		7.94	9.1	3.19	
930	1/24/2010 3:01	10.30	38.98	24.72		7.96	11.7	3.27	
931	1/24/2010 3:16	10.25	38.91	24.67		7.92	11.2	3.33	
932	1/24/2010 3:31	10.36	39.10	24.81		7.96	12.0	3.39	
933	1/24/2010 3:46	10.47	39.86	25.35		7.98	12.0	3.46	
934	1/24/2010 4:01	10.49	40.05	25.48		7.94	10.8	3.52	
935	1/24/2010 4:16	10.55	40.43	25.75		7.95	9.9	3.57	
936	1/24/2010 4:31	10.59	40.47	25.78		7.95	9.6	3.62	
937	1/24/2010 4:46	10.58	40.54	25.83		7.99	9.5	3.67	
938	1/24/2010 5:01	10.57	40.46	25.77		7.99	8.6	3.70	
939	1/24/2010 5:16	10.52	40.26	25.63		7.98	6.3	3.73	
940	1/24/2010 5:31	10.55	40.46	25.77		7.94	6.7	3.72	
941	1/24/2010 5:46	10.62	40.76	25.98		7.99	9.5	3.73	
942	1/24/2010 6:01	10.57	40.65	25.90		7.99	7.8	3.72	
943	1/24/2010 6:16	10.52	40.29	25.65		7.94	8.4	3.67	
944	1/24/2010 6:31	10.39	39.86	25.34		7.96	8.9	3.64	
945	1/24/2010 6:46	10.20	38.88	24.65		7.91	7.6	3.59	
946	1/24/2010 7:01	10.13	38.38	24.30		7.91	8.7	3.52	
947	1/24/2010 7:16	10.01	38.18	24.15		7.90	9.2	3.45	
948	1/24/2010 7:31	10.05	38.26	24.21		7.90	10.4	3.37	
949	1/24/2010 7:46	9.95	37.73	23.84		7.89	10.7	3.28	
950	1/24/2010 8:01	10.05	38.07	24.08		7.90	10.3	3.21	
951	1/24/2010 8:16	9.97	37.83	23.91		7.89	9.2	3.13	
952	1/24/2010 8:31	9.80	36.91	23.26		7.91	8.4	3.05	
953	1/24/2010 8:46	9.75	36.76	23.16		7.91	7.1	2.98	
954	1/24/2010 9:01	9.70	36.61	23.05		7.90	6.7	2.90	
955	1/24/2010 9:16	9.60	36.25	22.79		7.89	6.7	2.82	
956	1/24/2010 9:31	9.58	36.09	22.69		7.89	7.9	2.72	
957	1/24/2010 9:46	9.55	36.10	22.69		7.85	9.2	2.61	
958	1/24/2010 10:01	9.54	36.14	22.72		7.84	12.3	2.55	
959	1/24/2010 10:16	9.54	36.16	22.73		7.85	14.8	2.44	
960	1/24/2010 10:31	9.52	36.04	22.65		7.88	14.0	2.36	
961	1/24/2010 10:46	9.49	35.91	22.56		7.87	16.1	2.27	
962	1/24/2010 11:01	9.46	35.91	22.56		7.84	18.9	2.19	
963	1/24/2010 11:16	9.43	35.76	22.45		7.83	19.5	2.12	
964	1/24/2010 11:31	9.40	35.56	22.31		7.83	20.8	2.04	
965	1/24/2010 11:46	9.37	35.47	22.25		7.86	21.1	1.97	
966	1/24/2010 12:01	9.36	35.35	22.17		7.82	18.1	1.93	
967	1/24/2010 12:16	9.35	35.40	22.20		7.82	16.2	1.88	
968	1/24/2010 12:31	9.35	35.37	22.18		7.82	17.3	1.86	
969	1/24/2010 12:46	9.36	35.41	22.21		7.86	18.2	1.86	
970	1/24/2010 13:01	9.37	35.45	22.24		7.86	18.2	1.85	
971	1/24/2010 13:16	9.39	35.49	22.26		7.83	20.9	1.86	

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		
972	1/24/2010 13:31	9.41	35.57	22.32		7.83	17.3	1.88	
973	1/24/2010 13:46	9.43	34.35	21.48		7.81	18.9	1.90	
974	1/24/2010 14:01	9.43	34.03	21.26		7.84	14.9	1.92	
975	1/24/2010 14:16	9.44	34.18	21.37		7.81	13.4	1.98	
976	1/24/2010 14:31	9.44	33.62	20.98		7.80	13.9	2.01	
977	1/24/2010 14:46	9.47	34.28	21.44		7.85	10.5	2.05	
978	1/24/2010 15:01	9.48	34.47	21.57		7.85	10.3	2.09	
979	1/24/2010 15:16	9.51	34.95	21.90		7.82	10.1	2.14	
980	1/24/2010 15:31	9.53	35.03	21.96		7.83	10.9	2.20	
981	1/24/2010 15:46	9.56	35.37	22.19		7.83	9.6	2.24	
982	1/24/2010 16:01	9.52	35.52	22.29		7.84	11.9	2.31	
983	1/24/2010 16:16	9.48	35.61	22.35		7.88	16.2	2.34	
984	1/24/2010 16:31	9.47	35.81	22.48		7.88	14.2	2.42	
985	1/24/2010 16:46	9.51	36.00	22.62		7.89	12.7	2.46	
986	1/24/2010 17:01	9.49	35.97	22.60		7.89	11.5	2.51	
987	1/24/2010 17:16	9.56	36.19	22.76		7.89	10.2	2.57	
988	1/24/2010 17:31	9.60	36.49	22.96		7.86	9.9	2.62	
989	1/24/2010 17:46	9.63	36.66	23.08		7.86	9.2	2.68	
990	1/24/2010 18:01	9.64	36.62	23.05		7.86	9.2	2.70	
991	1/24/2010 18:16	9.65	36.61	23.05		7.87	9.0	2.75	
992	1/24/2010 18:31	9.70	36.73	23.13		7.91	8.8	2.79	
993	1/24/2010 18:46	9.71	36.88	23.24		7.87	8.0	2.83	
994	1/24/2010 19:01	9.72	36.96	23.29		7.87	7.7	2.88	
995	1/24/2010 19:16	9.76	37.08	23.38		7.88	7.8	2.88	
996	1/24/2010 19:31	9.78	37.23	23.48		7.88	7.4	2.89	
997	1/24/2010 19:46	9.78	37.31	23.54		7.88	6.9	2.90	
998	1/24/2010 20:01	9.78	37.02	23.34		7.88	9.2	2.92	
999	1/24/2010 20:16	9.78	36.91	23.26		7.88	9.5	2.90	
1000	1/24/2010 20:31	9.78	36.88	23.24		7.91	9.8	2.88	
1001	1/24/2010 20:46	9.76	36.98	23.31		7.91	13.2	2.86	
1002	1/24/2010 21:01	9.75	36.97	23.30		7.91	11.9	2.85	
1003	1/24/2010 21:16	9.68	36.54	23.00		7.90	15.8	2.82	
1004	1/24/2010 21:31	9.67	36.43	22.92		7.90	15.3	2.78	
1005	1/24/2010 21:46	9.67	36.59	23.04		7.86	12.7	2.75	
1006	1/24/2010 22:01	9.71	36.70	23.12		7.86	12.6	2.73	
1007	1/24/2010 22:16	9.70	36.76	23.16		7.86	10.3	2.68	
1008	1/24/2010 22:31	9.70	36.82	23.19		7.86	10.7	2.66	
1009	1/24/2010 22:46	9.68	36.72	23.12		7.86	10.4	2.65	
1010	1/24/2010 23:01	9.67	36.64	23.07		7.86	10.9	2.64	
1011	1/24/2010 23:16	9.67	36.65	23.08		7.86	11.2	2.63	
1012	1/24/2010 23:31	9.66	36.50	22.97		7.86	10.2	2.62	
1013	1/24/2010 23:46	9.67	36.28	22.82		7.89	9.1	2.63	
1014	1/25/2010 0:01	9.71	36.72	23.13		7.90	9.9	2.62	
1015	1/25/2010 0:16	9.73	36.84	23.21		7.86	8.8	2.63	
1016	1/25/2010 0:31	9.68	36.51	22.98		7.86	10.8	2.65	
1017	1/25/2010 0:46	9.66	36.39	22.89		7.86	11.4	2.68	
1018	1/25/2010 1:01	9.86	37.36	23.58		7.91	8.4	2.70	
1019	1/25/2010 1:16	9.92	37.96	24.00		7.89	12.1	2.73	
1020	1/25/2010 1:31	9.92	37.98	24.01		7.89	9.2	2.77	
1021	1/25/2010 1:46	9.83	37.43	23.62		7.88	10.6	2.81	
1022	1/25/2010 2:01	9.79	37.35	23.56		7.88	10.2	2.86	
1023	1/25/2010 2:16	9.82	37.52	23.69		7.88	10.8	2.90	
1024	1/25/2010 2:31	9.94	38.12	24.11		7.89	9.8	2.98	
1025	1/25/2010 2:46	10.07	38.91	24.67		7.91	14.6	3.03	

sonde #1		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		
1026	1/25/2010 3:01	10.08	38.95	24.69		7.95	11.3	3.12	
1027	1/25/2010 3:16	10.11	39.26	24.91		7.92	10.3	3.16	
1028	1/25/2010 3:31	10.05	39.02	24.74		7.92	9.4	3.23	
1029	1/25/2010 3:46	10.14	39.40	25.01		7.92	10.3	3.34	
1030	1/25/2010 4:01	10.12	39.18	24.85		7.96	8.8	3.37	
1031	1/25/2010 4:16	10.22	39.78	25.28		7.93	9.4	3.47	
1032	1/25/2010 4:31	10.34	40.54	25.82		7.94	9.9	3.50	
1033	1/25/2010 4:46	10.39	40.77	25.98		7.95	10.3	3.57	
1034	1/25/2010 5:01	10.48	41.23	26.31		7.95	10.7	3.59	
1035	1/25/2010 5:16	10.56	41.74	26.67		7.96	10.9	3.65	
1036	1/25/2010 5:31	10.58	41.82	26.73		7.96	8.9	3.75	
1037	1/25/2010 5:46	10.62	42.07	26.91		8.00	9.5	3.80	
1038	1/25/2010 6:01	10.68	42.39	27.14		7.97	9.8	3.75	
1039	1/25/2010 6:16	10.58	41.90	26.79		7.96	7.8	3.82	
1040	1/25/2010 6:31	10.65	42.15	26.97		8.00	8.6	3.83	
1041	1/25/2010 6:46	10.66	42.34	27.10		8.00	7.6	3.80	
1042	1/25/2010 7:01	10.39	40.96	26.11		7.99	6.9	3.76	
1043	1/25/2010 7:16	10.11	39.11	24.81		7.96	9.2	3.72	
1044	1/25/2010 7:31	10.27	40.04	25.46		7.93	9.0	3.67	
1045	1/25/2010 7:46	10.02	38.63	24.47		7.90	8.4	3.66	
1046	1/25/2010 8:01	10.10	39.24	24.90		7.94	9.1	3.62	
1047	1/25/2010 8:16	10.19	39.57	25.13		7.96	8.5	3.56	
1048	1/25/2010 8:31	9.99	38.43	24.32		7.90	7.9	3.50	
1049	1/25/2010 8:46	9.95	38.14	24.12		7.89	8.3	3.41	
1050	1/25/2010 9:01	9.78	37.00	23.32		7.91	13.4	3.33	
1051	1/25/2010 9:16	9.81	37.37	23.58		7.88	10.8	3.26	
1052	1/25/2010 9:31	9.88	37.81	23.89		7.88	10.7	3.16	
1053	1/25/2010 9:46	10.03	38.65	24.48		7.91	13.8	3.04	
1054	1/25/2010 10:01	9.95	38.17	24.14		7.90	20.9	2.97	
1055	1/25/2010 10:16	9.92	38.00	24.02		7.89	16.3	2.86	
1056	1/25/2010 10:31	9.87	37.60	23.74		7.88	15.6	2.80	
1057	1/25/2010 10:46	9.80	37.04	23.35		7.86	11.2	2.66	
1058	1/25/2010 11:01	9.77	36.91	23.26		7.86	14.4	2.55	
1059	1/25/2010 11:16	9.78	36.55	23.01		7.89	13.7	2.45	
1060	1/25/2010 11:31	9.77	36.67	23.09		7.85	12.5	2.32	
1061	1/25/2010 11:46	9.75	36.20	22.77		7.89	13.2	2.24	
1062	1/25/2010 12:01	9.76	36.40	22.90		7.85	12.8	2.11	
1063	1/25/2010 12:16	9.78	36.51	22.99		7.85	12.1	1.99	
1064	1/25/2010 12:31	9.76	36.25	22.81		7.85	13.4	1.94	
1065	1/25/2010 12:46	9.76	36.24	22.80		7.84	13.4	1.87	
1066	1/25/2010 13:01	9.79	36.16	22.74		7.85	13.4	1.78	
1067	1/25/2010 13:16	9.76	36.25	22.80		7.88	13.4	1.69	
1068	1/25/2010 13:31	9.76	36.56	23.02		7.85	12.9	1.65	
1069	1/25/2010 13:46	9.76	36.54	23.00		7.84	12.0	1.64	
1070	1/25/2010 14:01	9.86	36.26	22.81		7.86	11.2	1.60	
1071	1/25/2010 14:16	9.84	36.22	22.79		7.85	11.5	1.63	
1072	1/25/2010 14:31	9.81	36.26	22.81		7.85	11.0	1.63	
1073	1/25/2010 14:46	9.81	36.19	22.76		7.88	11.2	1.65	
1074	1/25/2010 15:01	9.78	36.52	22.99		7.84	12.0	1.74	
1075	1/25/2010 15:16	9.77	36.35	22.87		7.87	12.6	1.70	
1076	1/25/2010 15:31	9.79	35.70	22.43		7.82	13.7	1.79	
1077	1/25/2010 15:46	9.79	35.83	22.51		7.82	13.3	1.88	
1078	1/25/2010 16:01	9.79	35.85	22.53		7.83	13.1	1.93	
1079	1/25/2010 16:16	9.80	35.83	22.52		7.82	11.5	1.98	

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			
1080	1/25/2010 16:31	9.80	35.81	22.50		7.83	11.1	2.05	
1081	1/25/2010 16:46	9.81	35.85	22.53		7.83	11.9	2.14	
1082	1/25/2010 17:01	9.82	35.96	22.61		7.83	12.2	2.21	
1083	1/25/2010 17:16	9.84	36.21	22.78		7.84	12.2	2.24	
1084	1/25/2010 17:31	9.85	36.12	22.72		7.84	10.8	2.32	
1085	1/25/2010 17:46	9.87	36.31	22.85		7.89	11.5	2.38	
1086	1/25/2010 18:01	9.87	36.33	22.86		7.89	11.1	2.44	
1087	1/25/2010 18:16	9.88	36.37	22.89		7.85	11.0	2.51	
1088	1/25/2010 18:31	9.89	36.48	22.97		7.85	10.7	2.57	
1089	1/25/2010 18:46	9.91	36.78	23.17		7.86	10.6	2.63	
1090	1/25/2010 19:01	9.93	37.01	23.34		7.87	10.4	2.68	
1091	1/25/2010 19:16	9.94	37.24	23.50		7.87	10.1	2.75	
1092	1/25/2010 19:31	9.98	37.60	23.75		7.88	10.4	2.79	
1093	1/25/2010 19:46	10.00	37.82	23.90		7.88	10.5	2.83	
1094	1/25/2010 20:01	10.04	38.18	24.16		7.89	10.6	2.86	
1095	1/25/2010 20:16	10.09	38.46	24.35		7.89	10.8	2.90	
1096	1/25/2010 20:31	10.08	38.43	24.33		7.93	9.3	2.94	
1097	1/25/2010 20:46	10.00	37.74	23.84		7.88	8.5	2.94	
1098	1/25/2010 21:01	10.03	38.09	24.09		7.88	8.9	2.96	
1099	1/25/2010 21:16	10.13	38.89	24.65		7.90	7.5	2.96	
1100	1/25/2010 21:31	10.16	39.04	24.76		7.90	10.1	2.99	
1101	1/25/2010 21:46	10.11	38.67	24.50		7.93	9.4	2.95	
1102	1/25/2010 22:01	10.08	38.58	24.43		7.89	9.5	2.92	
1103	1/25/2010 22:16	10.01	38.02	24.04		7.88	9.9	2.89	
1104	1/25/2010 22:31	10.04	38.14	24.13		7.88	9.7	2.86	
1105	1/25/2010 22:46	10.01	37.94	23.99		7.88	10.3	2.84	
1106	1/25/2010 23:01	9.99	37.82	23.90		7.88	10.6	2.80	
1107	1/25/2010 23:16	9.94	37.49	23.67		7.87	11.8	2.78	
1108	1/25/2010 23:31	9.94	37.43	23.63		7.87	9.8	2.73	
1109	1/25/2010 23:46	9.93	37.38	23.59		7.87	9.3	2.71	
1110	1/26/2010 0:01	9.89	37.24	23.49		7.86	8.2	2.66	
1111	1/26/2010 0:16	9.85	36.94	23.28		7.85	8.1	2.64	
1112	1/26/2010 0:31	9.87	36.98	23.31		7.85	7.9	2.64	
1113	1/26/2010 0:46	9.93	37.20	23.47		7.90	8.4	2.64	
1114	1/26/2010 1:01	9.89	37.19	23.46		7.85	8.6	2.64	
1115	1/26/2010 1:16	9.92	37.15	23.44		7.90	9.8	2.64	
1116	1/26/2010 1:31	9.92	37.21	23.47		7.86	8.3	2.65	
1117	1/26/2010 1:46	9.91	37.20	23.47		7.86	8.8	2.68	
1118	1/26/2010 2:01	9.91	37.23	23.49		7.90	8.0	2.70	
1119	1/26/2010 2:16	9.92	37.33	23.56		7.86	8.1	2.74	
1120	1/26/2010 2:31	9.93	37.18	23.46		7.90	8.0	2.76	
1121	1/26/2010 2:46	10.13	38.47	24.36		7.89	11.0	2.80	
1122	1/26/2010 3:01	10.19	38.89	24.65		7.90	9.2	2.85	
1123	1/26/2010 3:16	10.17	38.74	24.55		7.89	9.0	2.91	
1124	1/26/2010 3:31	10.34	39.70	25.23		7.91	9.7	2.98	
1125	1/26/2010 3:46	10.37	39.89	25.36		7.92	10.2	3.03	
1126	1/26/2010 4:01	10.43	40.11	25.52		7.93	11.0	3.13	
1127	1/26/2010 4:16	10.48	40.06	25.49		7.97	11.2	3.17	
1128	1/26/2010 4:31	10.64	40.73	25.96		7.94	13.3	3.25	
1129	1/26/2010 4:46	10.52	40.17	25.56		7.93	15.6	3.33	
1130	1/26/2010 5:01	10.52	40.04	25.47		7.94	11.7	3.40	
1131	1/26/2010 5:16	10.67	40.90	26.08		7.99	12.8	3.48	
1132	1/26/2010 5:31	10.71	40.91	26.10		7.95	11.6	3.54	
1133	1/26/2010 5:46	10.82	41.20	26.30		8.00	11.4	3.63	

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		
1134	1/26/2010 6:01	10.93	41.59	26.59		8.01	10.0	3.69	
1135	1/26/2010 6:16	10.99	41.92	26.82		7.97	12.6	3.74	
1136	1/26/2010 6:31	11.01	42.23	27.04		7.97	13.4	3.80	
1137	1/26/2010 6:46	10.92	41.54	26.55		8.01	8.8	3.83	
1138	1/26/2010 7:01	10.93	41.89	26.79		7.97	8.2	3.88	
1139	1/26/2010 7:16	10.92	41.73	26.68		8.01	8.9	3.89	
1140	1/26/2010 7:31	10.97	41.87	26.78		8.01	7.3	3.88	
1141	1/26/2010 7:46	11.00	42.03	26.90		8.01	10.6	3.91	
1142	1/26/2010 8:01	11.01	42.30	27.09		7.97	10.3	3.86	
1143	1/26/2010 8:16	10.76	41.16	26.27		8.00	9.3	3.83	
1144	1/26/2010 8:31	10.95	41.99	26.86		7.97	9.8	3.79	
1145	1/26/2010 8:46	10.85	41.54	26.55		7.96	10.0	3.72	
1146	1/26/2010 9:01	10.81	41.32	26.39		7.95	12.0	3.63	
1147	1/26/2010 9:16	10.75	41.00	26.16		7.99	11.7	3.57	
1148	1/26/2010 9:31	10.72	40.84	26.05		7.99	13.2	3.47	
1149	1/26/2010 9:46	10.51	39.92	25.39		7.97	11.9	3.37	
1150	1/26/2010 10:01	10.46	39.89	25.37		7.92	9.9	3.28	
1151	1/26/2010 10:16	10.37	39.24	24.91		7.91	10.7	3.17	
1152	1/26/2010 10:31	10.32	38.94	24.70		7.94	12.6	3.07	
1153	1/26/2010 10:46	10.37	39.31	24.96		7.91	15.0	2.97	
1154	1/26/2010 11:01	10.29	38.43	24.34		7.93	10.2	2.84	
1155	1/26/2010 11:16	10.31	38.08	24.10		7.88	9.2	2.73	
1156	1/26/2010 11:31	10.40	38.04	24.07		7.89	7.4	2.63	
1157	1/26/2010 11:46	10.47	37.89	23.97		7.92	8.7	2.51	
1158	1/26/2010 12:01	10.43	37.71	23.85		7.88	8.4	2.39	
1159	1/26/2010 12:16	10.39	37.52	23.71		7.87	10.3	2.28	
1160	1/26/2010 12:31	10.45	37.41	23.64		7.87	9.7	2.15	
1161	1/26/2010 12:46	10.56	37.33	23.58		7.88	8.9	2.04	
1162	1/26/2010 13:01	10.57	37.21	23.50		7.87	9.3	1.93	
1163	1/26/2010 13:16	10.73	36.94	23.32		7.93	8.8	1.78	
1164	1/26/2010 13:31	10.75	36.80	23.22		7.92	9.6	1.68	
1165	1/26/2010 13:46	10.77	36.66	23.13		7.89	9.3	1.59	
1166	1/26/2010 14:01	10.73	36.50	23.01		7.87	9.9	1.52	
1167	1/26/2010 14:16	10.75	36.23	22.83		7.91	9.0	1.45	
1168	1/26/2010 14:31	10.75	36.12	22.75		7.91	10.0	1.41	
1169	1/26/2010 14:46	10.46	36.43	22.96		7.84	8.7	1.40	
1170	1/26/2010 15:01	10.43	36.44	22.96		7.84	8.7	1.40	
1171	1/26/2010 15:16	10.68	36.58	23.07		7.90	8.3	1.42	
1172	1/26/2010 15:31	10.66	36.43	22.96		7.85	7.9	1.47	
1173	1/26/2010 15:46	10.58	36.40	22.94		7.85	8.7	1.52	
1174	1/26/2010 16:01	10.63	36.64	23.11		7.89	8.5	1.56	
1175	1/26/2010 16:16	10.55	36.26	22.85		7.84	8.2	1.63	
1176	1/26/2010 16:31	10.56	36.28	22.86		7.83	8.4	1.70	
1177	1/26/2010 16:46	10.53	36.35	22.91		7.83	8.7	1.76	
1178	1/26/2010 17:01	10.52	36.36	22.91		7.83	8.4	1.83	
1179	1/26/2010 17:16	10.49	36.43	22.96		7.83	8.8	1.90	
1180	1/26/2010 17:31	10.47	36.60	23.07		7.83	8.6	1.98	
1181	1/26/2010 17:46	10.43	36.57	23.05		7.83	8.7	2.05	
1182	1/26/2010 18:01	10.42	36.81	23.22		7.88	10.1	2.13	
1183	1/26/2010 18:16	10.42	36.90	23.28		7.88	10.7	2.21	
1184	1/26/2010 18:31	10.43	36.81	23.22		7.89	11.0	2.29	
1185	1/26/2010 18:46	10.42	36.99	23.34		7.89	11.2	2.38	
1186	1/26/2010 19:01	10.43	36.97	23.33		7.85	10.1	2.44	
1187	1/26/2010 19:16	10.42	37.00	23.35		7.86	10.7	2.52	

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		
1188	1/26/2010 19:31	10.41	37.35	23.59		7.90	11.8	2.59	
1189	1/26/2010 19:46	10.41	37.54	23.73		7.90	12.9	2.67	
1190	1/26/2010 20:01	10.41	37.66	23.81		7.91	13.8	2.72	
1191	1/26/2010 20:16	10.39	37.57	23.75		7.87	11.4	2.80	
1192	1/26/2010 20:31	10.38	37.66	23.81		7.91	11.8	2.86	
1193	1/26/2010 20:46	10.43	38.05	24.08		7.88	16.8	2.93	
1194	1/26/2010 21:01	10.49	38.59	24.46		7.93	18.6	2.98	
1195	1/26/2010 21:16	10.45	38.17	24.16		7.89	11.5	3.03	
1196	1/26/2010 21:31	10.63	38.95	24.72		7.91	11.5	3.06	
1197	1/26/2010 21:46	10.70	39.45	25.07		7.91	9.5	3.09	
1198	1/26/2010 22:01	10.65	39.28	24.94		7.91	11.2	3.11	
1199	1/26/2010 22:16	10.69	39.60	25.17		7.91	14.0	3.09	
1200	1/26/2010 22:31	10.62	39.22	24.91		7.94	10.7	3.10	
1201	1/26/2010 22:46	10.61	39.08	24.81		7.90	10.7	3.07	
1202	1/26/2010 23:01	10.53	38.68	24.53		7.89	10.9	3.03	
1203	1/26/2010 23:16	10.36	37.62	23.78		7.86	14.5	2.97	
1204	1/26/2010 23:31	10.36	37.66	23.81		7.86	14.0	2.93	
1205	1/26/2010 23:46	10.26	37.32	23.56		7.86	9.3	2.88	
1206	1/27/2010 0:01	10.34	37.52	23.71		7.86	8.9	2.82	
1207	1/27/2010 0:16	10.31	37.19	23.48		7.86	8.6	2.77	
1208	1/27/2010 0:31	10.28	37.27	23.53		7.86	8.3	2.74	
1209	1/27/2010 0:46	10.26	37.05	23.38		7.85	7.9	2.70	
1210	1/27/2010 1:01	10.22	36.96	23.31		7.84	7.0	2.66	
1211	1/27/2010 1:16	10.22	36.99	23.34		7.84	6.3	2.64	
1212	1/27/2010 1:31	10.23	37.03	23.36		7.84	6.6	2.62	
1213	1/27/2010 1:46	10.22	36.97	23.32		7.84	5.7	2.61	
1214	1/27/2010 2:01	10.23	37.01	23.35		7.88	6.2	2.61	
1215	1/27/2010 2:16	10.26	37.07	23.39		7.89	6.9	2.60	
1216	1/27/2010 2:31	10.28	37.30	23.55		7.85	7.3	2.60	
1217	1/27/2010 2:46	10.31	37.21	23.49		7.89	8.9	2.63	
1218	1/27/2010 3:01	10.27	37.12	23.43		7.89	7.6	2.64	
1219	1/27/2010 3:16	10.26	37.23	23.50		7.85	7.4	2.68	
1220	1/27/2010 3:31	10.28	37.18	23.47		7.89	8.3	2.72	
1221	1/27/2010 3:46	10.37	37.77	23.88		7.86	13.2	2.76	
1222	1/27/2010 4:01	10.56	38.62	24.49		7.89	10.6	2.82	
1223	1/27/2010 4:16	10.45	38.09	24.11		7.91	10.2	2.88	
1224	1/27/2010 4:31	10.52	38.46	24.37		7.92	8.1	2.95	
1225	1/27/2010 4:46	10.47	38.09	24.11		7.92	12.8	3.02	
1226	1/27/2010 5:01	10.78	40.41	25.75		7.92	12.0	3.10	
1227	1/27/2010 5:16	10.78	40.38	25.73		7.92	12.2	3.19	
1228	1/27/2010 5:31	10.77	40.55	25.84		7.93	11.4	3.27	
1229	1/27/2010 5:46	10.86	41.11	26.24		7.98	13.0	3.35	
1230	1/27/2010 6:01	10.96	41.88	26.79		7.95	14.8	3.44	
1231	1/27/2010 6:16	11.04	42.38	27.15		7.95	15.5	3.53	
1232	1/27/2010 6:31	11.03	42.31	27.09		7.96	16.8	3.61	
1233	1/27/2010 6:46	11.07	42.68	27.36		7.96	16.1	3.69	
1234	1/27/2010 7:01	11.16	43.17	27.71		7.97	14.2	3.78	
1235	1/27/2010 7:16	11.19	43.30	27.81		8.02	16.0	3.83	
1236	1/27/2010 7:31	11.19	43.38	27.86		7.97	14.6	3.89	
1237	1/27/2010 7:46	11.20	43.44	27.91		7.97	14.3	3.95	
1238	1/27/2010 8:01	11.20	43.51	27.95		7.98	12.9	3.98	
1239	1/27/2010 8:16	11.12	43.26	27.77		7.97	9.6	4.00	
1240	1/27/2010 8:31	11.15	43.12	27.67		8.01	10.1	4.02	
1241	1/27/2010 8:46	11.18	43.48	27.93		7.97	9.9	4.01	

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	
1242	1/27/2010 9:01	11.20	43.52	27.96		8.02	12.5	3.98	
1243	1/27/2010 9:16	11.19	43.46	27.92		7.97	11.8	3.94	
1244	1/27/2010 9:31	10.87	41.53	26.54		7.93	9.6	3.88	
1245	1/27/2010 9:46	10.82	41.28	26.36		7.98	10.2	3.81	
1246	1/27/2010 10:01	11.07	43.06	27.63		7.96	14.4	3.72	
1247	1/27/2010 10:16	11.08	42.88	27.50		7.96	17.3	3.62	
1248	1/27/2010 10:31	10.90	41.51	26.53		7.98	15.9	3.53	
1249	1/27/2010 10:46	10.79	40.84	26.05		7.97	12.8	3.42	
1250	1/27/2010 11:01	10.79	41.01	26.17		7.93	13.2	3.31	
1251	1/27/2010 11:16	10.62	39.93	25.40		7.91	12.6	3.18	
1252	1/27/2010 11:31	10.61	39.89	25.38		7.91	15.7	3.07	
1253	1/27/2010 11:46	10.56	39.49	25.09		7.90	19.0	2.95	
1254	1/27/2010 12:01	10.60	39.19	24.89		7.89	12.1	2.81	
1255	1/27/2010 12:16	10.69	38.83	24.63		7.93	7.4	2.68	
1256	1/27/2010 12:31	10.74	38.87	24.67		7.90	6.7	2.54	
1257	1/27/2010 12:46	10.66	38.48	24.39		7.92	9.0	2.41	
1258	1/27/2010 13:01	10.73	38.38	24.32		7.89	9.9	2.26	
1259	1/27/2010 13:16	10.76	38.17	24.17		7.93	11.5	2.13	
1260	1/27/2010 13:31	10.83	37.99	24.06		7.90	11.5	1.98	
1261	1/27/2010 13:46	10.73	37.66	23.82		7.88	11.5	1.84	
1262	1/27/2010 14:01	10.73	37.42	23.65		7.89	11.0	1.69	
1263	1/27/2010 14:16	10.79	37.28	23.56		7.89	9.5	1.57	
1264	1/27/2010 14:31	10.72	37.00	23.36		7.88	13.1	1.44	
1265	1/27/2010 14:46	10.65	36.65	23.12		7.86	11.8	1.35	
1266	1/27/2010 15:01	10.65	36.53	23.04		7.85	9.7	1.27	
1267	1/27/2010 15:16	10.66	36.48	23.00		7.89	8.7	1.20	
1268	1/27/2010 15:31	10.64	36.39	22.94		7.85	6.7	1.16	
1269	1/27/2010 15:46	10.66	36.61	23.09		7.85	9.6	1.16	
1270	1/27/2010 16:01	10.60	36.67	23.13		7.85	8.9	1.21	
1271	1/27/2010 16:16	10.66	36.85	23.26		7.85	9.9	1.24	
1272	1/27/2010 16:31	10.68	36.86	23.26		7.85	9.6	1.29	
1273	1/27/2010 16:46	10.65	36.62	23.10		7.89	8.4	1.38	
1274	1/27/2010 17:01	10.65	36.37	22.92		7.83	9.3	1.45	
1275	1/27/2010 17:16	10.64	36.33	22.89		7.83	9.2	1.51	
1276	1/27/2010 17:31	10.63	36.34	22.90		7.87	9.2	1.60	
1277	1/27/2010 17:46	10.63	36.50	23.01		7.83	9.0	1.67	
1278	1/27/2010 18:01	10.63	36.60	23.08		7.83	8.7	1.76	
1279	1/27/2010 18:16	10.62	37.10	23.42		7.84	9.5	1.84	
1280	1/27/2010 18:31	10.63	36.79	23.21		7.84	9.5	1.93	
1281	1/27/2010 18:46	10.65	36.91	23.30		7.84	9.8	2.02	
1282	1/27/2010 19:01	10.66	37.37	23.61		7.85	10.6	2.11	
1283	1/27/2010 19:16	10.68	37.73	23.87		7.86	12.1	2.21	
1284	1/27/2010 19:31	10.67	38.09	24.11		7.87	14.1	2.31	
1285	1/27/2010 19:46	10.67	38.10	24.12		7.87	15.1	2.40	
1286	1/27/2010 20:01	10.67	38.24	24.22		7.91	15.1	2.50	
1287	1/27/2010 20:16	10.66	38.43	24.35		7.87	16.8	2.60	
1288	1/27/2010 20:31	10.68	38.42	24.35		7.87	24.8	2.67	
1289	1/27/2010 20:46	10.67	38.59	24.47		7.88	25.1	2.76	
1290	1/27/2010 21:01	10.67	38.83	24.63		7.88	23.3	2.84	
1291	1/27/2010 21:16	10.68	38.99	24.74		7.89	23.1	2.91	
1292	1/27/2010 21:31	10.78	39.71	25.26		7.90	29.5	2.98	
1293	1/27/2010 21:46	10.84	40.20	25.60		7.95	32.6	3.05	
1294	1/27/2010 22:01	10.89	40.62	25.90		7.92	24.7	3.11	
1295	1/27/2010 22:16	10.91	40.79	26.02		7.93	15.7	3.16	

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	
1296	1/27/2010 22:31	10.96	40.92	26.11		7.93	14.1	3.22	
1297	1/27/2010 22:46	11.00	41.16	26.28		7.94	10.7	3.24	
1298	1/27/2010 23:01	10.99	41.25	26.35		7.93	13.6	3.24	
1299	1/27/2010 23:16	10.99	41.20	26.31		7.93	12.8	3.26	
1300	1/27/2010 23:31	10.96	40.88	26.08		7.97	11.5	3.23	
1301	1/27/2010 23:46	10.80	40.35	25.70		7.95	17.9	3.17	
1302	1/28/2010 0:01	10.78	40.16	25.57		7.91	15.2	3.13	
1303	1/28/2010 0:16	10.58	39.41	25.03		7.89	11.2	3.07	
1304	1/28/2010 0:31	10.58	39.58	25.16		7.93	9.5	2.98	
1305	1/28/2010 0:46	10.54	39.09	24.81		7.93	8.4	2.92	
1306	1/28/2010 1:01	10.57	38.85	24.64		7.92	8.7	2.85	
1307	1/28/2010 1:16	10.54	39.05	24.78		7.88	8.6	2.79	
1308	1/28/2010 1:31	10.51	38.69	24.53		7.87	9.9	2.71	
1309	1/28/2010 1:46	10.41	38.61	24.47		7.87	7.1	2.67	
1310	1/28/2010 2:01	10.35	37.99	24.03		7.86	7.3	2.63	
1311	1/28/2010 2:16	10.32	37.90	23.97		7.85	6.7	2.58	
1312	1/28/2010 2:31	10.33	37.93	23.99		7.85	6.5	2.55	
1313	1/28/2010 2:46	10.32	37.67	23.81		7.88	6.2	2.53	
1314	1/28/2010 3:01	10.36	37.71	23.84		7.88	6.5	2.51	
1315	1/28/2010 3:16	10.41	38.10	24.11		7.85	6.5	2.50	
1316	1/28/2010 3:31	10.34	37.82	23.92		7.85	6.3	2.51	
1317	1/28/2010 3:46	10.32	37.94	24.00		7.88	6.7	2.53	
1318	1/28/2010 4:01	10.39	38.12	24.13		7.85	7.3	2.55	
1319	1/28/2010 4:16	10.42	38.33	24.28		7.90	8.9	2.60	
1320	1/28/2010 4:31	10.24	37.83	23.92		7.89	8.2	2.65	
1321	1/28/2010 4:46	10.53	38.68	24.52		7.91	11.5	2.70	
1322	1/28/2010 5:01	10.52	38.88	24.66		7.87	11.7	2.78	
1323	1/28/2010 5:16	10.55	38.95	24.71		7.88	14.1	2.84	
1324	1/28/2010 5:31	10.57	39.29	24.95		7.89	9.7	2.91	
1325	1/28/2010 5:46	10.53	39.37	25.01		7.89	8.3	2.99	
1326	1/28/2010 6:01	10.46	39.44	25.05		7.89	12.3	3.09	
1327	1/28/2010 6:16	10.49	39.75	25.27		7.90	11.4	3.18	
1328	1/28/2010 6:31	10.56	40.28	25.64		7.91	9.2	3.26	
1329	1/28/2010 6:46	10.78	41.30	26.37		7.93	9.4	3.37	
1330	1/28/2010 7:01	11.07	42.51	27.24		7.95	18.0	3.46	
1331	1/28/2010 7:16	11.14	42.73	27.40		7.96	24.4	3.55	
1332	1/28/2010 7:31	11.12	42.91	27.53		7.96	25.6	3.64	
1333	1/28/2010 7:46	11.12	43.06	27.63		8.01	23.9	3.74	
1334	1/28/2010 8:01	11.10	43.18	27.72		7.97	22.9	3.82	
1335	1/28/2010 8:16	11.07	43.27	27.78		7.97	16.7	3.89	
1336	1/28/2010 8:31	11.13	43.52	27.96		7.98	19.5	3.97	
1337	1/28/2010 8:46	11.15	43.61	28.03		8.03	14.7	4.03	
1338	1/28/2010 9:01	11.20	43.88	28.22		7.99	13.2	4.08	
1339	1/28/2010 9:16	11.21	43.90	28.23		8.03	11.0	4.13	
	Mean	10.66	38.74	24.58		7.89	11.1	2.73	
	Minimum	9.32	33.62	20.98		7.79	2.9	1.16	
	Maximum	12.50	43.90	28.23		8.03	45.2	4.13	

DO probe function very poor, with consistent declines in DO concentration over deployment period

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	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
0	1/28/2010 9:46	11.13	47.82	31.04	8.38	8.07		4.21	92.8
1	1/28/2010 10:01	11.13	47.83	31.04	8.30	8.08	12.6	4.19	91.9
2	1/28/2010 10:16	11.11	47.64	30.91	8.30	8.09	12.8	4.14	91.8
3	1/28/2010 10:31	10.76	45.56	29.39	8.34	8.06	11.0	4.07	90.6
4	1/28/2010 10:46	10.68	44.38	28.55	8.33	8.03	8.5	3.97	89.9
5	1/28/2010 11:01	10.84	45.52	29.37	8.29	8.05	13.2	3.88	90.2
6	1/28/2010 11:16	10.80	45.27	29.19	8.28	8.05	13.6	3.75	90.0
7	1/28/2010 11:31	10.76	44.70	28.78	8.27	8.05	13.8	3.63	89.5
8	1/28/2010 11:46	10.74	43.89	28.21	8.26	8.03	8.7	3.51	89.0
9	1/28/2010 12:01	10.81	44.50	28.64	8.28	8.04	14.7	3.38	89.6
10	1/28/2010 12:16	10.67	44.01	28.28	8.28	8.04	27.7	3.24	89.2
11	1/28/2010 12:31	10.71	44.15	28.39	8.25	8.04	17.7	3.10	89.0
12	1/28/2010 12:46	10.70	43.67	28.04	8.25	8.03	15.6	2.95	88.7
13	1/28/2010 13:01	10.71	43.23	27.73	8.26	8.02	14.4	2.82	88.7
14	1/28/2010 13:16	10.79	42.82	27.45	8.37	8.02	8.6	2.67	89.9
15	1/28/2010 13:31	10.83	42.89	27.50	8.35	8.02	9.0	2.53	89.8
16	1/28/2010 13:46	10.79	42.51	27.22	8.36	8.01	11.4	2.37	89.7
17	1/28/2010 14:01	10.77	42.25	27.04	8.42	8.01	15.0	2.22	90.1
18	1/28/2010 14:16	10.80	42.14	26.96	8.60	8.02	13.5	2.07	92.1
19	1/28/2010 14:31	10.80	41.94	26.82	8.72	8.03	13.6	1.91	93.3
20	1/28/2010 14:46	10.74	41.64	26.61	8.75	8.03	15.8	1.76	93.4
21	1/28/2010 15:01	10.68	41.28	26.35	8.69	8.01	15.4	1.60	92.5
22	1/28/2010 15:16	10.57	40.72	25.95	8.58	7.99	18.7	1.47	90.9
23	1/28/2010 15:31	10.56	40.47	25.78	8.57	7.99	18.7	1.33	90.6
24	1/28/2010 15:46	10.55	40.22	25.60	8.57	7.98	23.5	1.21	90.6
25	1/28/2010 16:01	10.55	40.10	25.52	8.58	7.98	17.3	1.13	90.6
26	1/28/2010 16:16	10.55	39.91	25.38	8.55	7.98	13.5	1.08	90.2
27	1/28/2010 16:31	10.56	40.08	25.50	8.59	7.98	14.2	1.06	90.7
28	1/28/2010 16:46	10.56	40.25	25.63	8.53	7.98	14.8	1.11	90.1
29	1/28/2010 17:01	10.56	40.47	25.78	8.49	7.98	14.6	1.16	89.8
30	1/28/2010 17:16	10.55	40.53	25.82	8.48	7.98	15.6	1.23	89.7
31	1/28/2010 17:31	10.55	38.01	24.05	8.60	8.00	13.9	1.34	89.9
32	1/28/2010 17:46	10.50	39.47	25.07	8.52	7.96	15.8	1.42	89.6
33	1/28/2010 18:01	10.51	39.59	25.16	8.51	7.96	13.1	1.49	89.6
34	1/28/2010 18:16	10.52	39.77	25.28	8.48	7.96	12.1	1.57	89.3
35	1/28/2010 18:31	10.53	37.39	23.62	8.57	7.99	11.3	1.67	89.4
36	1/28/2010 18:46	10.54	40.00	25.45	8.46	7.96	11.2	1.75	89.3
37	1/28/2010 19:01	10.56	37.61	23.78	8.54	7.99	11.4	1.86	89.2
38	1/28/2010 19:16	10.61	40.73	25.96	8.41	7.97	12.3	1.96	89.1
39	1/28/2010 19:31	10.63	40.87	26.06	8.40	7.97	13.0	2.06	89.2
40	1/28/2010 19:46	10.66	41.42	26.45	8.38	7.99	13.9	2.17	89.2
41	1/28/2010 20:01	10.69	42.06	26.90	8.36	7.99	16.9	2.27	89.3
42	1/28/2010 20:16	10.68	42.14	26.96	8.36	7.99	16.2	2.38	89.3
43	1/28/2010 20:31	10.69	42.27	27.06	8.37	7.98	19.7	2.49	89.5
44	1/28/2010 20:46	10.70	42.46	27.19	8.38	7.99	23.6	2.59	89.7
45	1/28/2010 21:01	10.75	42.79	27.42	8.37	7.99	35.6	2.68	89.8
46	1/28/2010 21:16	10.76	43.05	27.61	8.38	8.00	37.4	2.78	90.1
47	1/28/2010 21:31	10.78	43.32	27.80	8.36	8.00	34.2	2.88	90.0
48	1/28/2010 21:46	10.91	44.12	28.38	8.36	8.03	40.1	2.98	90.6
49	1/28/2010 22:01	10.98	45.06	29.05	8.34	8.05	35.3	3.07	90.8
50	1/28/2010 22:16	11.01	45.44	29.32	8.31	8.06	29.8	3.15	90.8
51	1/28/2010 22:31	11.06	45.82	29.60	8.30	8.07	33.5	3.25	90.9
52	1/28/2010 22:46	11.13	42.96	27.56	8.41	8.10	34.2	3.34	91.1

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	
53	1/28/2010 23:01	11.17	46.61	30.17	8.27	8.08	28.3	3.42	91.2
54	1/28/2010 23:16	11.23	46.95	30.41	8.27	8.09	23.0	3.46	91.4
55	1/28/2010 23:31	11.26	46.93	30.40	8.27	8.09	16.8	3.50	91.4
56	1/28/2010 23:46	11.22	46.84	30.34	8.22	8.09	15.3	3.51	90.8
57	1/29/2010 0:01	11.26	43.79	28.16	8.34	8.12	19.0	3.52	91.0
58	1/29/2010 0:16	11.24	43.87	28.21	8.38	8.11	21.4	3.48	91.3
59	1/29/2010 0:31	10.84	44.63	28.73	8.28	8.04	15.8	3.40	89.8
60	1/29/2010 0:46	10.98	45.43	29.32	8.25	8.06	16.1	3.34	90.0
61	1/29/2010 1:01	11.03	45.59	29.43	8.24	8.06	26.4	3.20	90.1
62	1/29/2010 1:16	10.81	44.02	28.30	8.27	8.03	28.6	3.14	89.4
63	1/29/2010 1:31	10.74	43.65	28.03	8.25	8.02	15.9	3.07	88.9
64	1/29/2010 1:46	10.69	40.47	25.78	8.37	8.04	16.2	2.97	88.7
65	1/29/2010 2:01	10.72	40.75	25.98	8.35	8.04	13.3	2.88	88.7
66	1/29/2010 2:16	10.74	40.83	26.04	8.30	8.04	12.1	2.83	88.3
67	1/29/2010 2:31	10.68	42.93	27.52	8.25	8.00	13.0	2.76	88.4
68	1/29/2010 2:46	10.69	43.12	27.66	8.22	8.00	11.7	2.69	88.2
69	1/29/2010 3:01	10.65	40.09	25.52	8.34	8.02	11.0	2.62	88.3
70	1/29/2010 3:16	10.61	42.52	27.23	8.22	7.99	10.2	2.55	87.9
71	1/29/2010 3:31	10.59	42.28	27.06	8.23	7.99	9.5	2.51	87.8
72	1/29/2010 3:46	10.57	42.15	26.96	8.19	7.98	8.8	2.50	87.3
73	1/29/2010 4:01	10.56	42.12	26.94	8.18	7.98	9.2	2.43	87.2
74	1/29/2010 4:16	10.54	39.12	24.83	8.30	8.00	8.3	2.47	87.2
75	1/29/2010 4:31	10.55	39.46	25.07	8.28	8.00	8.4	2.45	87.2
76	1/29/2010 4:46	10.49	39.00	24.74	8.32	8.00	7.9	2.48	87.3
77	1/29/2010 5:01	10.64	42.60	27.28	8.20	7.99	9.3	2.48	87.7
78	1/29/2010 5:16	10.63	42.58	27.27	8.20	7.99	9.6	2.52	87.7
79	1/29/2010 5:31	10.52	39.37	25.00	8.34	8.00	11.7	2.61	87.7
80	1/29/2010 5:46	10.63	42.56	27.25	8.21	7.99	12.8	2.63	87.8
81	1/29/2010 6:01	10.65	42.72	27.37	8.23	8.00	13.1	2.70	88.1
82	1/29/2010 6:16	10.65	42.79	27.42	8.25	8.00	14.4	2.79	88.3
83	1/29/2010 6:31	10.67	43.25	27.74	8.26	8.01	13.4	2.87	88.7
84	1/29/2010 6:46	10.84	41.25	26.34	8.36	8.06	18.2	2.98	89.3
85	1/29/2010 7:01	10.91	44.83	28.88	8.27	8.04	14.6	3.05	89.9
86	1/29/2010 7:16	10.95	42.01	26.88	8.42	8.08	16.7	3.17	90.4
87	1/29/2010 7:31	11.05	42.51	27.24	8.42	8.27	23.9	3.24	90.8
88	1/29/2010 7:46	11.03	42.66	27.34	8.42	8.27	24.5	3.38	90.9
89	1/29/2010 8:01	11.07	45.90	29.65	8.32	8.07	28.7	3.47	91.1
90	1/29/2010 8:16	11.12	46.28	29.93	8.35	8.08	29.1	3.59	91.7
91	1/29/2010 8:31	11.20	46.68	30.22	8.38	8.09	24.0	3.70	92.4
92	1/29/2010 8:46	11.26	46.96	30.42	8.41	8.10	22.9	3.79	93.0
93	1/29/2010 9:01	11.30	47.08	30.51	8.43	8.11	23.7	3.90	93.4
94	1/29/2010 9:16	11.32	47.18	30.58	8.47	8.11	22.9	3.99	93.9
95	1/29/2010 9:31	11.33	47.14	30.56	8.52	8.11	19.8	4.07	94.5
96	1/29/2010 9:46	11.35	47.05	30.49	8.58	8.12	16.1	4.14	95.1
97	1/29/2010 10:01	11.37	46.97	30.43	8.74	8.12	16.9	4.20	96.9
98	1/29/2010 10:16	11.38	46.78	30.30	8.79	8.12	15.0	4.25	97.4
99	1/29/2010 10:31	11.35	43.67	28.07	8.86	8.14	12.1	4.26	96.7
100	1/29/2010 10:46	11.25	46.61	30.17	8.38	8.10	10.4	4.28	92.5
101	1/29/2010 11:01	11.24	46.83	30.33	8.37	8.10	12.1	4.25	92.4
102	1/29/2010 11:16	11.30	46.92	30.40	8.44	8.10	12.0	4.17	93.4
103	1/29/2010 11:31	11.30	46.93	30.40	8.42	8.10	11.1	4.09	93.2
104	1/29/2010 11:46	11.26	46.70	30.24	8.35	8.09	14.0	3.99	92.2
105	1/29/2010 12:01	11.24	46.34	29.98	8.37	8.08	10.6	3.89	92.2

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	
106	1/29/2010 12:16	11.07	42.07	26.93	8.41	8.07	10.1	3.75	90.6
107	1/29/2010 12:31	11.01	41.59	26.59	8.38	8.06	10.6	3.62	90.0
108	1/29/2010 12:46	11.00	44.11	28.37	8.26	8.03	12.1	3.50	89.7
109	1/29/2010 13:01	10.95	43.85	28.19	8.27	8.03	13.4	3.36	89.6
110	1/29/2010 13:16	10.90	43.72	28.09	8.23	8.02	14.5	3.21	88.9
111	1/29/2010 13:31	10.87	40.48	25.80	8.33	8.03	15.0	3.07	88.7
112	1/29/2010 13:46	10.89	40.67	25.94	8.32	8.04	15.6	2.94	88.7
113	1/29/2010 14:01	10.96	40.58	25.87	8.37	8.04	10.2	2.76	89.4
114	1/29/2010 14:16	10.99	40.78	26.01	8.39	8.04	9.8	2.62	89.7
115	1/29/2010 14:31	11.00	40.36	25.72	8.41	8.04	10.7	2.47	89.8
116	1/29/2010 14:46	10.89	43.06	27.62	8.24	8.00	19.5	2.30	88.8
117	1/29/2010 15:01	10.89	40.12	25.55	8.43	8.03	17.2	2.13	89.7
118	1/29/2010 15:16	10.84	42.53	27.24	8.35	8.00	20.6	1.97	89.7
119	1/29/2010 15:31	10.85	42.49	27.22	8.49	8.01	16.8	1.80	91.2
120	1/29/2010 15:46	10.82	42.39	27.14	8.42	8.01	19.2	1.64	90.3
121	1/29/2010 16:01	10.74	41.75	26.69	8.33	7.98	19.7	1.47	89.0
122	1/29/2010 16:16	10.70	41.29	26.36	8.31	7.96	18.7	1.32	88.5
123	1/29/2010 16:31	10.69	38.44	24.36	8.42	7.99	18.1	1.20	88.5
124	1/29/2010 16:46	10.67	40.70	25.95	8.32	7.94	18.4	1.09	88.3
125	1/29/2010 17:01	10.67	40.88	26.07	8.31	7.94	21.1	1.03	88.3
126	1/29/2010 17:16	10.67	40.73	25.96	8.30	7.94	15.5	0.97	88.1
127	1/29/2010 17:31	10.67	40.96	26.13	8.31	7.94	15.6	0.99	88.3
128	1/29/2010 17:46	10.67	38.25	24.23	8.39	7.98	15.3	1.03	88.1
129	1/29/2010 18:01	10.68	38.35	24.30	8.39	8.17	13.9	1.12	88.1
130	1/29/2010 18:16	10.68	41.17	26.28	8.27	7.94	14.6	1.20	87.9
131	1/29/2010 18:31	10.66	40.89	26.08	8.28	7.94	12.1	1.31	87.9
132	1/29/2010 18:46	10.63	37.53	23.73	8.41	8.15	12.6	1.43	87.9
133	1/29/2010 19:01	10.64	37.35	23.61	8.41	8.15	12.1	1.52	87.9
134	1/29/2010 19:16	10.65	37.51	23.72	8.41	8.15	11.5	1.61	87.9
135	1/29/2010 19:31	10.66	37.70	23.85	8.40	8.16	11.4	1.75	87.9
136	1/29/2010 19:46	10.69	37.94	24.01	8.38	8.16	12.5	1.83	87.9
137	1/29/2010 20:01	10.70	40.76	25.99	8.30	7.93	11.3	1.91	88.1
138	1/29/2010 20:16	10.78	42.09	26.93	8.26	7.96	14.0	2.07	88.4
139	1/29/2010 20:31	10.83	39.68	25.24	8.38	8.20	17.3	2.17	88.8
140	1/29/2010 20:46	10.84	39.91	25.40	8.38	8.20	17.5	2.29	88.9
141	1/29/2010 21:01	10.85	42.82	27.45	8.27	7.98	18.9	2.40	89.0
142	1/29/2010 21:16	10.87	43.03	27.60	8.29	7.98	22.0	2.52	89.2
143	1/29/2010 21:31	10.90	43.39	27.86	8.29	7.99	27.2	2.62	89.5
144	1/29/2010 21:46	10.94	40.74	25.98	8.42	8.23	33.1	2.76	89.9
145	1/29/2010 22:01	10.96	40.78	26.01	8.45	8.23	36.0	2.86	90.3
146	1/29/2010 22:16	11.04	41.33	26.40	8.54	8.25	43.0	2.96	91.6
147	1/29/2010 22:31	11.09	41.75	26.70	8.64	8.26	39.6	3.05	93.0
148	1/29/2010 22:46	11.15	42.04	26.91	8.72	8.27	41.9	3.12	94.0
149	1/29/2010 23:01	11.19	42.07	26.94	8.76	8.27	43.0	3.26	94.6
150	1/29/2010 23:16	11.26	42.34	27.13	8.80	8.28	37.1	3.36	95.3
151	1/29/2010 23:31	11.31	46.01	29.75	8.71	8.07	30.8	3.40	96.0
152	1/29/2010 23:46	11.36	46.21	29.89	8.74	8.09	26.0	3.48	96.6
153	1/30/2010 0:01	11.38	46.34	29.98	8.77	8.10	21.4	3.53	96.9
154	1/30/2010 0:16	11.38	46.40	30.02	8.74	8.10	14.6	3.57	96.6
155	1/30/2010 0:31	11.34	43.08	27.66	8.77	8.11	16.2	3.58	95.5
156	1/30/2010 0:46	11.38	46.33	29.97	8.71	8.10	18.8	3.55	96.2
157	1/30/2010 1:01	11.36	45.83	29.62	8.73	8.09	20.0	3.52	96.3
158	1/30/2010 1:16	11.26	45.96	29.71	8.65	8.08	18.6	3.44	95.2

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	
159	1/30/2010 1:31	11.10	42.17	27.00	8.59	8.08	15.3	3.35	92.7
160	1/30/2010 1:46	11.14	45.06	29.06	8.51	8.05	26.9	3.24	93.0
161	1/30/2010 2:01	11.05	44.75	28.83	8.39	8.04	15.6	3.16	91.4
162	1/30/2010 2:16	10.96	44.19	28.42	8.34	8.02	18.4	3.07	90.5
163	1/30/2010 2:31	10.93	43.92	28.23	8.30	8.01	14.2	2.96	89.9
164	1/30/2010 2:46	10.92	44.04	28.32	8.28	8.01	12.1	2.88	89.7
165	1/30/2010 3:01	10.88	43.63	28.02	8.29	8.01	12.1	2.79	89.6
166	1/30/2010 3:16	10.88	43.32	27.80	8.34	8.01	10.9	2.70	89.9
167	1/30/2010 3:31	10.86	43.62	28.02	8.33	7.99	10.9	2.61	90.0
168	1/30/2010 3:46	10.81	42.97	27.55	8.32	7.98	11.5	2.54	89.4
169	1/30/2010 4:01	10.77	39.73	25.27	8.40	8.20	10.7	2.48	89.0
170	1/30/2010 4:16	10.74	42.37	27.13	8.24	7.96	10.3	2.40	88.3
171	1/30/2010 4:31	10.71	42.30	27.07	8.23	7.96	9.8	2.34	88.1
172	1/30/2010 4:46	10.70	42.25	27.04	8.23	7.95	9.9	2.29	88.0
173	1/30/2010 5:01	10.68	41.98	26.85	8.19	7.95	9.5	2.25	87.5
174	1/30/2010 5:16	10.67	39.27	24.94	8.25	8.18	9.8	2.24	87.0
175	1/30/2010 5:31	10.76	39.74	25.28	8.26	8.19	9.0	2.25	87.4
176	1/30/2010 5:46	10.73	39.37	25.02	8.29	8.19	10.1	2.26	87.6
177	1/30/2010 6:01	10.71	39.46	25.07	8.31	8.19	9.8	2.29	87.8
178	1/30/2010 6:16	10.76	42.38	27.13	8.23	7.96	11.1	2.34	88.1
179	1/30/2010 6:31	10.65	39.06	24.80	8.33	8.18	10.7	2.41	87.8
180	1/30/2010 6:46	10.72	42.12	26.94	8.23	7.95	12.4	2.48	88.0
181	1/30/2010 7:01	10.77	39.84	25.34	8.35	8.20	14.8	2.58	88.5
182	1/30/2010 7:16	10.78	39.94	25.42	8.38	8.21	14.4	2.66	88.8
183	1/30/2010 7:31	10.90	40.64	25.91	8.44	8.23	16.2	2.75	90.0
184	1/30/2010 7:46	10.94	43.96	28.26	8.40	8.12	18.7	2.87	91.0
185	1/30/2010 8:01	10.97	40.74	25.98	8.56	8.24	17.8	2.95	91.4
186	1/30/2010 8:16	10.99	44.27	28.49	8.44	8.01	21.5	3.06	91.6
187	1/30/2010 8:31	11.07	44.77	28.84	8.50	8.15	28.3	3.18	92.6
188	1/30/2010 8:46	11.12	41.83	26.76	8.70	8.27	33.6	3.29	93.7
189	1/30/2010 9:01	11.16	42.02	26.90	8.76	8.28	29.2	3.42	94.5
190	1/30/2010 9:16	11.22	42.48	27.22	8.82	8.28	28.0	3.53	95.5
191	1/30/2010 9:31	11.25	45.72	29.53	8.72	8.07	28.4	3.64	95.9
192	1/30/2010 9:46	11.32	46.27	29.93	8.75	8.08	26.9	3.76	96.6
193	1/30/2010 10:01	11.37	46.55	30.14	8.78	8.08	26.2	3.85	97.1
194	1/30/2010 10:16	11.41	43.60	28.03	8.91	8.13	22.0	3.97	97.4
195	1/30/2010 10:31	11.43	46.59	30.16	8.77	8.09	21.9	4.05	97.2
196	1/30/2010 10:46	11.47	47.19	30.60	8.78	8.11	20.5	4.11	97.7
197	1/30/2010 11:01	11.52	43.79	28.17	8.94	8.13	18.4	4.18	98.0
198	1/30/2010 11:16	11.54	43.62	28.05	8.98	8.31	17.0	4.23	98.5
199	1/30/2010 11:31	11.55	43.74	28.13	8.91	8.31	11.4	4.24	97.7
200	1/30/2010 11:46	11.45	46.83	30.34	8.71	8.10	17.3	4.23	96.6
201	1/30/2010 12:01	11.49	43.83	28.19	8.92	8.13	19.0	4.20	97.8
202	1/30/2010 12:16	11.62	43.50	27.96	8.88	8.12	12.4	4.12	97.4
203	1/30/2010 12:31	11.59	43.43	27.91	8.87	8.12	11.9	4.03	97.3
204	1/30/2010 12:46	11.61	46.17	29.87	8.69	8.08	13.6	3.91	96.5
205	1/30/2010 13:01	11.58	45.73	29.56	8.60	8.07	12.8	3.79	95.2
206	1/30/2010 13:16	11.57	42.23	27.06	8.70	8.08	11.7	3.67	94.8
207	1/30/2010 13:31	11.46	41.65	26.64	8.60	8.24	17.8	3.54	93.2
208	1/30/2010 13:46	11.58	44.24	28.49	8.44	8.01	16.2	3.39	92.8
209	1/30/2010 14:01	11.65	43.91	28.26	8.45	8.02	12.8	3.26	92.9
210	1/30/2010 14:16	11.48	43.63	28.05	8.41	8.00	14.6	3.10	92.1
211	1/30/2010 14:31	11.66	43.85	28.22	8.43	8.01	11.3	2.95	92.8

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	
212	1/30/2010 14:46	11.52	40.56	25.88	8.59	8.03	11.9	2.81	92.8
213	1/30/2010 15:01	11.65	40.44	25.80	8.59	8.22	11.9	2.64	93.0
214	1/30/2010 15:16	11.49	40.51	25.85	8.55	8.21	14.2	2.50	92.3
215	1/30/2010 15:31	11.44	40.29	25.69	8.53	8.21	14.9	2.34	91.9
216	1/30/2010 15:46	11.40	40.15	25.59	8.56	8.21	15.8	2.17	92.0
217	1/30/2010 16:01	11.52	39.96	25.46	8.79	8.23	18.3	1.99	94.8
218	1/30/2010 16:16	11.39	39.82	25.35	8.62	8.22	19.7	1.83	92.6
219	1/30/2010 16:31	11.33	39.51	25.14	8.65	8.21	18.3	1.65	92.7
220	1/30/2010 16:46	11.26	42.08	26.94	8.46	7.96	19.6	1.48	91.5
221	1/30/2010 17:01	11.18	41.78	26.73	8.43	7.95	19.3	1.32	90.9
222	1/30/2010 17:16	11.14	41.64	26.63	8.42	8.06	19.4	1.17	90.6
223	1/30/2010 17:31	11.10	38.46	24.39	8.52	8.17	18.5	1.07	90.4
224	1/30/2010 17:46	11.07	38.48	24.40	8.49	8.17	17.0	0.98	90.0
225	1/30/2010 18:01	11.07	41.23	26.33	8.38	7.94	15.3	0.92	89.9
226	1/30/2010 18:16	11.07	38.41	24.36	8.50	8.17	13.1	0.94	90.1
227	1/30/2010 18:31	11.08	38.47	24.40	8.50	8.18	12.9	1.05	90.1
228	1/30/2010 18:46	11.06	38.55	24.45	8.50	8.18	11.9	1.15	90.2
229	1/30/2010 19:01	11.04	38.43	24.37	8.51	8.17	11.3	1.25	90.1
230	1/30/2010 19:16	11.02	37.71	23.87	8.51	8.16	11.4	1.34	89.9
231	1/30/2010 19:31	11.07	37.48	23.71	8.50	8.15	11.8	1.46	89.7
232	1/30/2010 19:46	11.09	37.53	23.75	8.48	8.15	12.0	1.53	89.6
233	1/30/2010 20:01	11.11	40.43	25.77	8.37	7.91	10.6	1.63	89.6
234	1/30/2010 20:16	11.12	38.08	24.13	8.45	8.16	11.0	1.75	89.6
235	1/30/2010 20:31	11.15	38.00	24.07	8.47	8.16	12.0	1.84	89.8
236	1/30/2010 20:46	11.15	40.89	26.10	8.39	7.93	11.6	1.94	90.0
237	1/30/2010 21:01	11.26	39.62	25.21	8.46	8.19	13.4	2.08	90.5
238	1/30/2010 21:16	11.29	39.76	25.31	8.48	8.20	15.8	2.22	90.9
239	1/30/2010 21:31	11.30	39.61	25.21	8.52	8.20	19.3	2.34	91.2
240	1/30/2010 21:46	11.30	39.77	25.32	8.53	8.21	21.0	2.46	91.4
241	1/30/2010 22:01	11.29	43.13	27.68	8.44	7.98	22.7	2.60	91.8
242	1/30/2010 22:16	11.31	43.44	27.91	8.45	7.99	28.3	2.71	92.1
243	1/30/2010 22:31	11.33	40.76	26.02	8.60	8.23	36.7	2.82	92.7
244	1/30/2010 22:46	11.39	40.98	26.17	8.65	8.24	38.3	2.93	93.4
245	1/30/2010 23:01	11.47	44.98	29.01	8.68	8.03	37.7	3.05	95.6
246	1/30/2010 23:16	11.50	41.91	26.83	8.87	8.27	39.7	3.17	96.4
247	1/30/2010 23:31	11.51	42.26	27.08	8.89	8.28	36.0	3.26	96.7
248	1/30/2010 23:46	11.53	42.52	27.27	8.94	8.29	32.0	3.36	97.5
249	1/31/2010 0:01	11.54	42.64	27.35	9.00	8.29	31.9	3.48	98.2
250	1/31/2010 0:16	11.56	46.09	29.82	8.93	8.07	30.5	3.54	99.0
251	1/31/2010 0:31	11.57	46.18	29.87	8.96	8.08	24.8	3.61	99.5
252	1/31/2010 0:46	11.58	46.21	29.90	8.99	8.08	19.5	3.66	99.7
253	1/31/2010 1:01	11.56	46.25	29.93	8.93	8.09	13.4	3.69	99.1
254	1/31/2010 1:16	11.54	46.05	29.78	8.84	8.07	19.6	3.68	97.9
255	1/31/2010 1:31	11.55	43.00	27.60	9.07	8.31	19.7	3.66	99.1
256	1/31/2010 1:46	11.29	45.30	29.24	8.83	8.04	17.3	3.60	97.0
257	1/31/2010 2:01	11.30	42.35	27.14	8.87	8.28	16.2	3.51	96.2
258	1/31/2010 2:16	11.24	41.77	26.72	8.79	8.26	16.1	3.40	94.9
259	1/31/2010 2:31	11.19	41.48	26.51	8.67	8.25	17.2	3.29	93.4
260	1/31/2010 2:46	11.08	43.98	28.28	8.48	8.00	23.3	3.18	92.1
261	1/31/2010 3:01	11.12	41.07	26.22	8.62	8.24	17.5	3.06	92.5
262	1/31/2010 3:16	11.05	40.98	26.16	8.61	8.24	14.8	2.96	92.3
263	1/31/2010 3:31	11.06	44.03	28.32	8.47	8.00	13.1	2.85	92.0
264	1/31/2010 3:46	11.07	41.08	26.23	8.57	8.23	13.1	2.75	91.9

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	
265	1/31/2010 4:01	11.03	40.98	26.16	8.58	8.23	12.1	2.65	91.9
266	1/31/2010 4:16	11.00	40.90	26.10	8.56	8.23	13.4	2.54	91.6
267	1/31/2010 4:31	10.96	40.81	26.03	8.53	8.23	10.7	2.46	91.1
268	1/31/2010 4:46	10.89	39.91	25.40	8.46	8.21	12.0	2.37	89.9
269	1/31/2010 5:01	10.79	39.58	25.17	8.43	8.20	10.7	2.28	89.3
270	1/31/2010 5:16	10.73	39.52	25.12	8.42	8.20	10.4	2.22	89.0
271	1/31/2010 5:31	10.67	39.45	25.07	8.41	8.20	10.0	2.14	88.8
272	1/31/2010 5:46	10.64	39.38	25.02	8.38	8.19	9.4	2.10	88.4
273	1/31/2010 6:01	10.62	39.09	24.81	8.37	8.19	9.6	2.06	88.1
274	1/31/2010 6:16	10.60	39.18	24.87	8.33	8.19	8.1	2.05	87.7
275	1/31/2010 6:31	10.70	39.44	25.06	8.36	8.19	9.2	2.05	88.2
276	1/31/2010 6:46	10.70	39.45	25.07	8.35	8.19	9.3	2.08	88.2
277	1/31/2010 7:01	10.68	39.32	24.98	8.41	8.19	10.7	2.14	88.7
278	1/31/2010 7:16	10.77	39.59	25.17	8.40	8.20	11.1	2.20	88.9
279	1/31/2010 7:31	10.55	39.13	24.84	8.42	8.19	12.0	2.28	88.5
280	1/31/2010 7:46	10.57	41.85	26.75	8.34	7.95	11.4	2.38	88.8
281	1/31/2010 8:01	10.80	39.69	25.24	8.45	8.21	13.1	2.49	89.5
282	1/31/2010 8:16	10.87	40.20	25.60	8.49	8.22	12.8	2.58	90.3
283	1/31/2010 8:31	10.98	40.69	25.95	8.58	8.24	14.2	2.68	91.7
284	1/31/2010 8:46	11.10	41.09	26.23	8.64	8.25	14.1	2.78	92.7
285	1/31/2010 9:01	11.12	40.88	26.09	8.67	8.25	16.2	2.89	93.0
286	1/31/2010 9:16	11.12	43.98	28.28	8.58	8.00	18.6	2.99	93.3
287	1/31/2010 9:31	11.17	44.53	28.68	8.60	8.01	23.3	3.10	93.9
288	1/31/2010 9:46	11.22	44.40	28.59	8.65	8.02	26.3	3.21	94.5
289	1/31/2010 10:01	11.24	45.10	29.09	8.74	8.03	30.9	3.33	95.8
290	1/31/2010 10:16	11.28	41.97	26.86	8.92	8.29	31.4	3.45	96.5
291	1/31/2010 10:31	11.33	45.89	29.66	8.83	8.06	31.8	3.56	97.3
292	1/31/2010 10:46	11.38	43.00	27.60	8.99	8.31	37.2	3.68	97.9
293	1/31/2010 11:01	11.41	43.54	27.98	8.98	8.32	30.6	3.80	98.1
294	1/31/2010 11:16	11.44	43.64	28.06	8.98	8.32	29.8	3.89	98.2
295	1/31/2010 11:31	11.45	43.58	28.01	8.97	8.32	26.4	3.97	98.1
296	1/31/2010 11:46	11.46	43.67	28.08	8.97	8.32	22.6	4.05	98.1
297	1/31/2010 12:01	11.50	46.95	30.43	8.88	8.09	19.7	4.09	98.7
298	1/31/2010 12:16	11.52	46.88	30.38	8.89	8.09	18.7	4.12	98.8
299	1/31/2010 12:31	11.51	43.52	27.97	8.98	8.32	13.1	4.14	98.3
300	1/31/2010 12:46	11.50	46.76	30.29	8.84	8.08	16.2	4.12	98.2
301	1/31/2010 13:01	11.53	46.82	30.33	8.81	8.19	23.5	4.07	97.9
302	1/31/2010 13:16	11.63	46.73	30.27	8.84	8.20	15.7	3.98	98.5
303	1/31/2010 13:31	11.68	46.51	30.12	8.82	8.07	13.2	3.88	98.2
304	1/31/2010 13:46	11.67	42.72	27.41	8.92	8.28	12.7	3.76	97.7
305	1/31/2010 14:01	11.60	42.31	27.12	8.87	8.28	12.3	3.64	96.8
306	1/31/2010 14:16	11.63	44.88	28.95	8.67	8.03	17.6	3.50	95.8
307	1/31/2010 14:31	11.69	44.55	28.72	8.63	8.02	13.5	3.36	95.3
308	1/31/2010 14:46	11.61	41.35	26.44	8.72	8.24	14.7	3.23	94.7
309	1/31/2010 15:01	11.62	41.36	26.45	8.76	8.25	12.6	3.09	95.2
310	1/31/2010 15:16	11.58	41.37	26.45	8.75	8.25	11.5	2.93	95.0
311	1/31/2010 15:31	11.62	41.52	26.56	8.82	8.26	10.7	2.78	95.9
312	1/31/2010 15:46	11.58	40.97	26.17	8.76	8.24	12.3	2.64	94.9
313	1/31/2010 16:01	11.47	43.65	28.07	8.62	8.00	12.8	2.48	94.3
314	1/31/2010 16:16	11.40	43.56	27.99	8.53	7.99	15.0	2.33	93.2
315	1/31/2010 16:31	11.42	40.66	25.95	8.69	8.23	16.7	2.17	93.7
316	1/31/2010 16:46	11.37	40.42	25.78	8.83	8.24	17.0	2.01	95.1
317	1/31/2010 17:01	11.34	39.98	25.46	8.83	8.24	15.7	1.85	94.8

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	
318	1/31/2010 17:16	11.29	39.83	25.36	8.77	8.23	15.9	1.69	94.0
319	1/31/2010 17:31	11.25	42.59	27.30	8.55	7.97	16.5	1.52	92.6
320	1/31/2010 17:46	11.20	39.47	25.11	8.57	8.20	16.8	1.40	91.5
321	1/31/2010 18:01	11.15	39.23	24.94	8.57	8.19	16.6	1.27	91.3
322	1/31/2010 18:16	11.09	38.93	24.72	8.57	8.19	16.8	1.16	91.1
323	1/31/2010 18:31	11.05	38.76	24.60	8.57	8.18	16.5	1.08	90.9
324	1/31/2010 18:46	11.00	41.40	26.45	8.45	7.94	15.0	1.06	90.6
325	1/31/2010 19:01	11.05	41.66	26.63	8.43	7.94	14.0	1.08	90.6
326	1/31/2010 19:16	11.10	39.11	24.85	8.54	8.19	12.1	1.16	90.9
327	1/31/2010 19:31	11.11	39.10	24.84	8.56	8.19	11.3	1.25	91.1
328	1/31/2010 19:46	11.09	39.15	24.87	8.55	8.19	11.2	1.34	90.9
329	1/31/2010 20:01	11.08	38.93	24.72	8.55	8.18	11.8	1.45	90.8
330	1/31/2010 20:16	10.98	37.79	23.92	8.64	8.17	11.7	1.55	91.1
331	1/31/2010 20:31	11.01	38.01	24.08	8.61	8.17	11.5	1.65	90.9
332	1/31/2010 20:46	11.08	37.98	24.06	8.60	8.18	12.0	1.77	91.0
333	1/31/2010 21:01	11.15	39.06	24.81	8.58	8.20	14.5	1.88	91.3
334	1/31/2010 21:16	11.21	42.30	27.09	8.49	7.97	11.8	1.99	91.9
335	1/31/2010 21:31	11.25	39.78	25.32	8.62	8.22	13.9	2.13	92.3
336	1/31/2010 21:46	11.26	40.07	25.52	8.63	8.22	15.3	2.25	92.6
337	1/31/2010 22:01	11.27	40.31	25.70	8.65	8.23	19.7	2.38	92.8
338	1/31/2010 22:16	11.31	40.41	25.77	8.67	8.24	20.6	2.51	93.2
339	1/31/2010 22:31	11.33	41.00	26.18	8.69	8.24	21.7	2.63	93.7
340	1/31/2010 22:46	11.34	43.83	28.19	8.61	8.00	27.3	2.74	94.0
341	1/31/2010 23:01	11.39	44.04	28.34	8.65	8.01	28.9	2.86	94.7
342	1/31/2010 23:16	11.48	41.67	26.66	8.82	8.28	33.4	2.98	95.7
343	1/31/2010 23:31	11.54	45.71	29.54	8.76	8.05	28.4	3.09	96.9
344	1/31/2010 23:46	11.56	42.52	27.27	8.90	8.29	33.1	3.22	97.1
345	2/1/2010 0:01	11.56	42.69	27.39	8.91	8.30	31.5	3.34	97.3
346	2/1/2010 0:16	11.58	42.67	27.37	8.97	8.31	28.2	3.45	98.0
347	2/1/2010 0:31	11.59	45.78	29.59	8.88	8.07	28.6	3.56	98.4
348	2/1/2010 0:46	11.60	45.74	29.56	8.89	8.07	24.2	3.65	98.5
349	2/1/2010 1:01	11.60	45.84	29.64	8.88	8.08	20.0	3.73	98.5
350	2/1/2010 1:16	11.60	42.50	27.25	9.02	8.32	17.0	3.80	98.5
351	2/1/2010 1:31	11.60	45.75	29.57	8.86	8.08	13.1	3.83	98.2
352	2/1/2010 1:46	11.54	42.49	27.24	8.86	8.30	14.5	3.85	96.6
353	2/1/2010 2:01	11.50	42.65	27.35	8.84	8.30	13.3	3.82	96.3
354	2/1/2010 2:16	11.55	42.52	27.27	8.94	8.31	19.8	3.78	97.5
355	2/1/2010 2:31	11.56	42.47	27.23	8.99	8.32	13.4	3.70	98.1
356	2/1/2010 2:46	11.46	45.58	29.44	8.74	8.05	15.0	3.58	96.5
357	2/1/2010 3:01	11.42	41.93	26.84	8.89	8.29	14.5	3.48	96.5
358	2/1/2010 3:16	11.30	41.62	26.62	8.72	8.26	17.7	3.36	94.2
359	2/1/2010 3:31	11.33	44.84	28.91	8.65	8.02	19.3	3.24	94.9
360	2/1/2010 3:46	11.30	41.71	26.68	8.73	8.26	16.1	3.12	94.4
361	2/1/2010 4:01	11.28	41.42	26.48	8.69	8.26	13.5	3.00	93.8
362	2/1/2010 4:16	11.30	41.40	26.46	8.71	8.26	13.0	2.90	94.1
363	2/1/2010 4:31	11.26	41.16	26.29	8.67	8.25	12.2	2.78	93.5
364	2/1/2010 4:46	11.28	41.33	26.41	8.68	8.25	9.9	2.67	93.6
365	2/1/2010 5:01	11.30	41.85	26.78	8.68	8.26	9.7	2.57	93.9
366	2/1/2010 5:16	11.19	40.75	26.00	8.61	8.23	11.1	2.46	92.5
367	2/1/2010 5:31	11.20	40.90	26.11	8.59	8.24	10.1	2.37	92.3
368	2/1/2010 5:46	11.11	40.23	25.63	8.56	8.22	10.4	2.26	91.5
369	2/1/2010 6:01	11.10	40.36	25.73	8.53	8.22	10.4	2.17	91.3
370	2/1/2010 6:16	11.03	39.85	25.36	8.50	8.21	12.1	2.08	90.6

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	
371	2/1/2010 6:31	10.99	39.79	25.32	8.48	8.20	11.0	2.00	90.3
372	2/1/2010 6:46	10.97	39.70	25.25	8.48	8.20	18.2	1.94	90.2
373	2/1/2010 7:01	10.96	39.75	25.29	8.45	8.20	13.8	1.90	89.8
374	2/1/2010 7:16	10.95	42.32	27.10	8.35	7.95	10.7	1.91	89.8
375	2/1/2010 7:31	10.95	42.36	27.12	8.39	7.95	12.6	1.93	90.2
376	2/1/2010 7:46	10.95	39.99	25.46	8.48	8.20	13.6	1.98	90.3
377	2/1/2010 8:01	10.99	40.11	25.54	8.49	8.20	12.8	2.03	90.5
378	2/1/2010 8:16	10.86	39.49	25.11	8.54	8.20	15.8	2.12	90.5
379	2/1/2010 8:31	10.87	39.60	25.18	8.54	8.20	16.2	2.23	90.5
380	2/1/2010 8:46	10.97	40.17	25.58	8.54	8.21	13.9	2.32	91.0
381	2/1/2010 9:01	11.05	42.96	27.56	8.46	7.97	13.3	2.42	91.5
382	2/1/2010 9:16	11.15	41.07	26.23	8.62	8.24	13.4	2.53	92.6
383	2/1/2010 9:31	11.20	41.47	26.51	8.69	8.25	12.8	2.62	93.7
384	2/1/2010 9:46	11.24	44.07	28.35	8.60	8.01	13.9	2.72	93.8
385	2/1/2010 10:01	11.25	41.45	26.50	8.73	8.26	14.0	2.82	94.1
386	2/1/2010 10:16	11.27	41.65	26.64	8.74	8.27	15.4	2.92	94.4
387	2/1/2010 10:31	11.30	41.74	26.70	8.75	8.27	18.1	3.03	94.6
388	2/1/2010 10:46	11.34	41.71	26.69	8.79	8.28	19.0	3.13	95.2
389	2/1/2010 11:01	11.35	42.10	26.96	8.82	8.29	20.2	3.24	95.7
390	2/1/2010 11:16	11.37	41.91	26.83	8.88	8.30	22.1	3.37	96.2
391	2/1/2010 11:31	11.43	42.39	27.17	8.90	8.31	20.4	3.47	96.8
392	2/1/2010 11:46	11.47	42.69	27.38	8.91	8.32	20.4	3.58	97.1
393	2/1/2010 12:01	11.52	43.19	27.74	8.90	8.32	18.9	3.68	97.3
394	2/1/2010 12:16	11.56	43.62	28.05	8.88	8.33	17.2	3.77	97.3
395	2/1/2010 12:31	11.60	43.76	28.15	8.85	8.33	16.5	3.84	97.1
396	2/1/2010 12:46	11.63	44.38	28.59	8.81	8.33	14.0	3.90	97.1
397	2/1/2010 13:01	11.65	44.43	28.63	8.78	8.33	12.3	3.95	96.8
398	2/1/2010 13:16	11.67	47.99	31.19	8.61	8.09	9.0	3.96	96.5
399	2/1/2010 13:31	11.65	44.61	28.76	8.75	8.33	11.3	3.97	96.5
400	2/1/2010 13:46	11.68	44.65	28.79	8.75	8.33	11.5	3.92	96.6
401	2/1/2010 14:01	11.66	47.67	30.95	8.65	8.09	14.5	3.86	96.8
402	2/1/2010 14:16	11.59	42.46	27.23	8.89	8.30	11.5	3.78	97.1
403	2/1/2010 14:31	11.52	42.21	27.04	8.85	8.29	11.0	3.68	96.3
404	2/1/2010 14:46	11.52	42.07	26.94	8.86	8.29	13.7	3.56	96.4
405	2/1/2010 15:01	11.50	41.79	26.75	8.86	8.29	12.4	3.43	96.2
406	2/1/2010 15:16	11.51	42.05	26.93	8.87	8.29	12.0	3.31	96.4
407	2/1/2010 15:31	11.49	44.82	28.90	8.73	8.04	11.0	3.17	96.1
408	2/1/2010 15:46	11.47	41.58	26.60	8.84	8.27	10.6	3.04	95.9
409	2/1/2010 16:01	11.45	41.45	26.51	8.84	8.27	10.3	2.91	95.7
410	2/1/2010 16:16	11.45	41.31	26.40	8.85	8.27	11.2	2.77	95.8
411	2/1/2010 16:31	11.46	41.84	26.78	8.85	8.28	11.7	2.63	96.0
412	2/1/2010 16:46	11.45	41.70	26.68	8.77	8.28	14.0	2.49	95.2
413	2/1/2010 17:01	11.36	44.05	28.34	8.69	8.02	13.4	2.35	95.1
414	2/1/2010 17:16	11.37	41.43	26.49	8.81	8.27	15.2	2.22	95.2
415	2/1/2010 17:31	11.26	40.68	25.96	8.79	8.24	15.5	2.08	94.4
416	2/1/2010 17:46	11.21	40.62	25.91	8.77	8.24	16.1	1.95	94.1
417	2/1/2010 18:01	11.19	40.43	25.78	8.76	8.24	16.5	1.80	94.0
418	2/1/2010 18:16	11.13	40.13	25.56	8.75	8.23	17.5	1.67	93.6
419	2/1/2010 18:31	11.09	40.01	25.47	8.67	8.21	20.7	1.55	92.6
420	2/1/2010 18:46	11.05	39.79	25.32	8.64	8.20	19.2	1.44	92.1
421	2/1/2010 19:01	11.02	39.48	25.11	8.63	8.19	18.8	1.36	91.8
422	2/1/2010 19:16	10.99	39.38	25.03	8.61	8.18	19.5	1.32	91.4
423	2/1/2010 19:31	10.98	42.02	26.89	8.52	7.93	16.7	1.29	91.6

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	
424	2/1/2010 19:46	10.99	39.67	25.23	8.61	8.18	15.0	1.32	91.6
425	2/1/2010 20:01	11.01	39.69	25.25	8.62	8.19	14.3	1.38	91.8
426	2/1/2010 20:16	11.02	39.65	25.22	8.64	8.19	13.0	1.46	92.0
427	2/1/2010 20:31	10.98	39.34	25.00	8.70	8.19	12.8	1.56	92.4
428	2/1/2010 20:46	11.01	39.21	24.91	8.69	8.19	12.1	1.67	92.3
429	2/1/2010 21:01	11.02	38.99	24.76	8.72	8.19	11.9	1.78	92.6
430	2/1/2010 21:16	11.05	39.43	25.07	8.71	8.20	11.4	1.89	92.7
431	2/1/2010 21:31	11.09	39.60	25.19	8.70	8.20	12.5	2.00	92.7
432	2/1/2010 21:46	11.13	39.93	25.42	8.70	8.21	12.2	2.12	92.9
433	2/1/2010 22:01	11.15	40.27	25.66	8.73	8.22	12.2	2.23	93.5
434	2/1/2010 22:16	11.19	40.73	25.98	8.75	8.24	11.6	2.34	94.0
435	2/1/2010 22:31	11.23	41.03	26.20	8.74	8.24	13.6	2.46	94.0
436	2/1/2010 22:46	11.26	41.13	26.27	8.75	8.25	17.3	2.57	94.3
437	2/1/2010 23:01	11.29	41.29	26.39	8.77	8.26	18.0	2.68	94.6
438	2/1/2010 23:16	11.31	41.43	26.49	8.77	8.26	20.0	2.80	94.7
439	2/1/2010 23:31	11.34	41.59	26.60	8.81	8.27	20.8	2.91	95.2
440	2/1/2010 23:46	11.38	44.74	28.84	8.71	8.06	22.8	3.03	95.6
441	2/2/2010 0:01	11.46	42.88	27.52	8.82	8.30	22.6	3.16	96.2
442	2/2/2010 0:16	11.52	43.44	27.92	8.80	8.31	23.7	3.28	96.4
443	2/2/2010 0:31	11.54	44.17	28.44	8.79	8.32	21.5	3.41	96.6
444	2/2/2010 0:46	11.58	44.25	28.50	8.82	8.33	21.1	3.52	97.0
445	2/2/2010 1:01	11.59	44.19	28.45	8.83	8.34	19.6	3.63	97.1
446	2/2/2010 1:16	11.58	44.37	28.58	8.83	8.34	16.6	3.72	97.1
447	2/2/2010 1:31	11.54	44.13	28.41	8.84	8.34	14.6	3.80	97.2
448	2/2/2010 1:46	11.55	44.36	28.57	8.81	8.34	13.7	3.87	96.9
449	2/2/2010 2:01	11.57	44.19	28.46	8.80	8.34	12.1	3.91	96.7
450	2/2/2010 2:16	11.56	47.67	30.95	8.65	8.11	9.0	3.93	96.6
451	2/2/2010 2:31	11.55	44.12	28.40	8.75	8.34	11.0	3.94	96.2
452	2/2/2010 2:46	11.56	44.31	28.54	8.77	8.34	12.6	3.90	96.4
453	2/2/2010 3:01	11.47	44.01	28.32	8.79	8.34	11.5	3.83	96.4
454	2/2/2010 3:16	11.39	43.83	28.19	8.79	8.32	11.0	3.74	96.1
455	2/2/2010 3:31	11.32	43.37	27.86	8.77	8.32	11.0	3.64	95.5
456	2/2/2010 3:46	11.42	43.49	27.95	8.72	8.32	14.6	3.54	95.3
457	2/2/2010 4:01	11.35	43.07	27.65	8.74	8.31	16.2	3.42	95.1
458	2/2/2010 4:16	11.06	41.70	26.67	8.71	8.26	13.9	3.30	93.7
459	2/2/2010 4:31	11.10	41.61	26.60	8.69	8.27	11.9	3.17	93.5
460	2/2/2010 4:46	11.20	42.20	27.03	8.71	8.28	12.7	3.07	94.2
461	2/2/2010 5:01	11.14	42.00	26.88	8.70	8.27	11.2	2.96	93.9
462	2/2/2010 5:16	11.09	44.38	28.57	8.58	8.02	10.9	2.83	93.4
463	2/2/2010 5:31	11.12	44.78	28.85	8.57	8.02	10.4	2.71	93.5
464	2/2/2010 5:46	11.07	41.54	26.55	8.67	8.26	9.8	2.60	93.1
465	2/2/2010 6:01	11.02	41.44	26.48	8.65	8.25	10.3	2.49	92.8
466	2/2/2010 6:16	10.99	41.23	26.33	8.63	8.24	10.6	2.38	92.4
467	2/2/2010 6:31	10.97	40.76	26.00	8.62	8.23	11.0	2.27	92.1
468	2/2/2010 6:46	10.95	40.92	26.11	8.60	8.23	10.8	2.17	92.0
469	2/2/2010 7:01	10.91	40.67	25.94	8.56	8.22	11.1	2.09	91.3
470	2/2/2010 7:16	10.86	40.32	25.68	8.54	8.21	10.7	1.99	90.8
471	2/2/2010 7:31	10.83	40.35	25.70	8.51	8.21	9.8	1.92	90.5
472	2/2/2010 7:46	10.81	40.38	25.72	8.47	8.20	9.3	1.87	90.1
473	2/2/2010 8:01	10.80	40.19	25.59	8.47	8.20	9.3	1.84	89.9
474	2/2/2010 8:16	10.79	40.34	25.70	8.44	8.20	8.8	1.85	89.6
475	2/2/2010 8:31	10.84	40.34	25.70	8.49	8.21	9.4	1.86	90.3
476	2/2/2010 8:46	10.89	40.54	25.84	8.48	8.21	10.4	1.91	90.4

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	
477	2/2/2010 9:01	10.90	40.56	25.86	8.52	8.21	9.9	1.98	90.9
478	2/2/2010 9:16	10.84	40.51	25.82	8.53	8.21	11.2	2.07	90.8
479	2/2/2010 9:31	10.80	40.31	25.68	8.54	8.20	10.7	2.17	90.8
480	2/2/2010 9:46	10.85	40.58	25.87	8.56	8.22	11.3	2.27	91.2
481	2/2/2010 10:01	10.96	40.95	26.13	8.57	8.23	11.8	2.37	91.7
482	2/2/2010 10:16	11.05	43.97	28.28	8.50	7.99	11.6	2.46	92.3
483	2/2/2010 10:31	11.12	41.96	26.85	8.63	8.26	10.8	2.56	93.0
484	2/2/2010 10:46	11.16	42.20	27.02	8.64	8.26	10.5	2.65	93.3
485	2/2/2010 11:01	11.17	41.91	26.82	8.66	8.27	11.1	2.75	93.4
486	2/2/2010 11:16	11.18	42.26	27.07	8.66	8.27	12.8	2.83	93.6
487	2/2/2010 11:31	11.21	42.44	27.19	8.67	8.28	13.1	2.93	93.9
488	2/2/2010 11:46	11.23	42.59	27.30	8.68	8.28	14.0	3.02	94.0
489	2/2/2010 12:01	11.26	42.77	27.43	8.70	8.29	15.4	3.13	94.4
490	2/2/2010 12:16	11.32	42.99	27.59	8.72	8.29	13.9	3.22	94.8
491	2/2/2010 12:31	11.37	42.95	27.56	8.73	8.30	13.7	3.31	95.1
492	2/2/2010 12:46	11.42	43.35	27.85	8.76	8.31	15.1	3.42	95.6
493	2/2/2010 13:01	11.46	43.87	28.22	8.75	8.32	15.5	3.50	95.9
494	2/2/2010 13:16	11.49	43.97	28.30	8.75	8.32	14.5	3.57	95.9
495	2/2/2010 13:31	11.51	44.08	28.38	8.75	8.32	13.4	3.63	96.1
496	2/2/2010 13:46	11.53	43.96	28.29	8.77	8.33	11.2	3.69	96.2
497	2/2/2010 14:01	11.55	47.15	30.57	8.67	8.09	8.7	3.71	96.6
498	2/2/2010 14:16	11.51	44.28	28.51	8.74	8.32	9.2	3.72	96.1
499	2/2/2010 14:31	11.55	44.43	28.63	8.73	8.32	10.7	3.70	96.1
500	2/2/2010 14:46	11.54	44.19	28.46	8.75	8.32	13.0	3.68	96.2
501	2/2/2010 15:01	11.51	44.10	28.39	8.72	8.32	13.1	3.61	95.7
502	2/2/2010 15:16	11.47	43.49	27.95	8.78	8.31	9.6	3.52	96.1
503	2/2/2010 15:31	11.45	43.08	27.66	8.75	8.30	9.5	3.41	95.5
504	2/2/2010 15:46	11.43	42.99	27.60	8.72	8.29	9.4	3.32	95.1
505	2/2/2010 16:01	11.41	42.66	27.36	8.71	8.28	9.9	3.19	94.7
506	2/2/2010 16:16	11.41	42.35	27.14	8.74	8.28	9.1	3.08	95.0
507	2/2/2010 16:31	11.38	42.39	27.17	8.72	8.28	10.7	2.97	94.7
508	2/2/2010 16:46	11.35	42.28	27.09	8.72	8.27	9.4	2.86	94.6
509	2/2/2010 17:01	11.35	42.27	27.08	8.71	8.27	8.5	2.75	94.5
510	2/2/2010 17:16	11.31	42.07	26.94	8.68	8.26	10.3	2.62	94.0
511	2/2/2010 17:31	11.30	42.21	27.03	8.67	8.27	8.8	2.51	94.0
512	2/2/2010 17:46	11.26	41.95	26.85	8.65	8.26	9.8	2.40	93.5
513	2/2/2010 18:01	11.24	41.70	26.67	8.65	8.25	10.1	2.29	93.3
514	2/2/2010 18:16	11.23	41.75	26.71	8.62	8.25	9.2	2.17	93.1
515	2/2/2010 18:31	11.19	41.45	26.50	8.61	8.24	10.4	2.05	92.7
516	2/2/2010 18:46	11.17	41.28	26.37	8.61	8.24	10.4	1.95	92.6
517	2/2/2010 19:01	11.14	41.05	26.21	8.62	8.23	11.4	1.83	92.5
518	2/2/2010 19:16	11.10	40.99	26.17	8.62	8.22	11.8	1.73	92.5
519	2/2/2010 19:31	11.08	40.60	25.89	8.62	8.21	12.6	1.66	92.2
520	2/2/2010 19:46	11.06	40.47	25.80	8.61	8.21	10.9	1.59	92.0
521	2/2/2010 20:01	11.04	40.45	25.79	8.57	8.20	10.3	1.56	91.6
522	2/2/2010 20:16	11.02	40.54	25.85	8.58	8.20	9.3	1.55	91.6
523	2/2/2010 20:31	11.03	40.57	25.87	8.60	8.21	9.5	1.57	92.0
524	2/2/2010 20:46	11.04	40.44	25.78	8.61	8.21	9.1	1.61	92.0
525	2/2/2010 21:01	11.05	40.78	26.01	8.61	8.21	9.0	1.67	92.2
526	2/2/2010 21:16	11.01	40.19	25.60	8.65	8.21	9.9	1.77	92.3
527	2/2/2010 21:31	11.04	40.59	25.88	8.61	8.20	9.5	1.85	92.1
528	2/2/2010 21:46	11.05	40.33	25.70	8.62	8.20	9.8	1.96	92.1
529	2/2/2010 22:01	11.08	40.45	25.79	8.62	8.21	10.1	2.07	92.2

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	
530	2/2/2010 22:16	11.09	40.55	25.85	8.63	8.21	9.7	2.17	92.4
531	2/2/2010 22:31	11.16	41.19	26.31	8.63	8.23	10.5	2.27	92.8
532	2/2/2010 22:46	11.18	41.81	26.75	8.66	8.25	9.9	2.38	93.4
533	2/2/2010 23:01	11.20	42.03	26.91	8.67	8.25	9.8	2.49	93.6
534	2/2/2010 23:16	11.21	41.92	26.83	8.69	8.26	11.1	2.59	93.8
535	2/2/2010 23:31	11.25	42.34	27.13	8.68	8.26	12.0	2.70	94.0
536	2/2/2010 23:46	11.26	42.46	27.21	8.70	8.27	13.7	2.81	94.2
537	2/3/2010 0:01	11.28	42.62	27.32	8.70	8.28	15.8	2.92	94.4
538	2/3/2010 0:16	11.30	42.80	27.45	8.74	8.28	17.3	3.04	94.9
539	2/3/2010 0:31	11.33	45.64	29.48	8.67	8.04	17.6	3.16	95.5
540	2/3/2010 0:46	11.40	43.70	28.10	8.83	8.31	19.8	3.29	96.5
541	2/3/2010 1:01	11.44	44.25	28.49	8.87	8.32	20.8	3.41	97.3
542	2/3/2010 1:16	11.46	44.28	28.51	8.90	8.32	20.1	3.53	97.6
543	2/3/2010 1:31	11.49	44.43	28.62	8.96	8.33	20.0	3.64	98.4
544	2/3/2010 1:46	11.50	44.41	28.61	8.98	8.33	17.5	3.74	98.7
545	2/3/2010 2:01	11.51	44.36	28.57	8.99	8.34	16.2	3.82	98.8
546	2/3/2010 2:16	11.51	44.36	28.57	9.00	8.34	14.0	3.90	98.9
547	2/3/2010 2:31	11.52	44.48	28.66	9.02	8.34	12.8	3.95	99.2
548	2/3/2010 2:46	11.51	44.13	28.41	9.03	8.34	10.7	3.98	99.1
549	2/3/2010 3:01	11.46	44.17	28.44	8.91	8.33	11.4	4.00	97.7
550	2/3/2010 3:16	11.48	44.06	28.36	8.91	8.33	11.8	3.98	97.7
551	2/3/2010 3:31	11.46	44.05	28.35	8.91	8.33	13.4	3.92	97.7
552	2/3/2010 3:46	11.42	44.20	28.45	8.95	8.33	10.8	3.85	98.1
553	2/3/2010 4:01	11.34	43.76	28.14	8.89	8.32	10.2	3.77	97.1
554	2/3/2010 4:16	11.26	43.56	27.99	8.82	8.30	10.1	3.66	96.1
555	2/3/2010 4:31	11.23	43.30	27.81	8.77	8.30	10.6	3.55	95.3
556	2/3/2010 4:46	11.15	42.90	27.52	8.72	8.28	12.2	3.44	94.5
557	2/3/2010 5:01	11.15	43.00	27.59	8.70	8.28	13.3	3.34	94.3
558	2/3/2010 5:16	11.07	42.49	27.22	8.70	8.27	10.9	3.22	93.9
559	2/3/2010 5:31	10.99	44.14	28.40	8.59	8.00	10.3	3.09	93.2
560	2/3/2010 5:46	10.97	41.90	26.81	8.67	8.26	10.6	2.99	93.1
561	2/3/2010 6:01	10.97	42.10	26.95	8.67	8.26	10.3	2.89	93.2
562	2/3/2010 6:16	11.00	42.29	27.08	8.67	8.27	9.4	2.76	93.4
563	2/3/2010 6:31	11.01	42.51	27.24	8.66	8.27	8.5	2.65	93.4
564	2/3/2010 6:46	10.97	42.23	27.04	8.64	8.26	8.7	2.53	93.0
565	2/3/2010 7:01	10.93	42.07	26.92	8.62	8.26	10.3	2.43	92.6
566	2/3/2010 7:16	10.91	41.74	26.68	8.60	8.25	10.4	2.32	92.2
567	2/3/2010 7:31	10.87	42.03	26.89	8.58	8.25	10.3	2.21	92.0
568	2/3/2010 7:46	10.85	41.93	26.82	8.56	8.24	12.3	2.12	91.8
569	2/3/2010 8:01	10.82	41.72	26.67	8.55	8.23	10.7	2.02	91.4
570	2/3/2010 8:16	10.79	41.33	26.40	8.55	8.22	9.9	1.93	91.2
571	2/3/2010 8:31	10.77	41.17	26.28	8.56	8.22	9.6	1.86	91.2
572	2/3/2010 8:46	10.75	41.21	26.31	8.53	8.21	9.1	1.82	90.9
573	2/3/2010 9:01	10.77	40.96	26.13	8.53	8.21	8.5	1.80	90.8
574	2/3/2010 9:16	10.79	40.98	26.15	8.55	8.21	7.8	1.80	91.1
575	2/3/2010 9:31	10.80	41.21	26.31	8.54	8.22	8.2	1.83	91.1
576	2/3/2010 9:46	10.83	41.17	26.28	8.54	8.22	8.4	1.88	91.2
577	2/3/2010 10:01	10.89	41.23	26.33	8.56	8.22	8.1	1.94	91.5
578	2/3/2010 10:16	10.87	40.97	26.14	8.57	8.21	8.9	2.02	91.4
579	2/3/2010 10:31	10.86	41.12	26.25	8.54	8.21	9.0	2.12	91.2
580	2/3/2010 10:46	10.87	41.15	26.27	8.54	8.22	9.8	2.21	91.2
581	2/3/2010 11:01	10.96	41.62	26.60	8.55	8.23	9.5	2.30	91.7
582	2/3/2010 11:16	10.97	41.96	26.84	8.56	8.24	9.8	2.39	91.9

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	
583	2/3/2010 11:31	11.05	42.11	26.95	8.60	8.25	9.2	2.49	92.6
584	2/3/2010 11:46	11.11	42.31	27.10	8.65	8.26	9.0	2.56	93.3
585	2/3/2010 12:01	11.15	42.41	27.17	8.67	8.26	8.6	2.64	93.7
586	2/3/2010 12:16	11.17	42.55	27.27	8.68	8.26	8.7	2.72	93.9
587	2/3/2010 12:31	11.16	42.71	27.39	8.70	8.27	10.1	2.80	94.2
588	2/3/2010 12:46	11.20	42.51	27.24	8.73	8.27	10.1	2.88	94.5
589	2/3/2010 13:01	11.22	42.96	27.56	8.73	8.28	10.2	2.97	94.7
590	2/3/2010 13:16	11.25	42.93	27.54	8.75	8.28	10.8	3.05	95.0
591	2/3/2010 13:31	11.29	43.17	27.72	8.79	8.29	11.0	3.14	95.6
592	2/3/2010 13:46	11.32	43.22	27.75	8.81	8.29	11.8	3.22	95.9
593	2/3/2010 14:01	11.36	43.55	27.99	8.84	8.30	11.7	3.28	96.5
594	2/3/2010 14:16	11.39	43.75	28.13	8.86	8.31	11.4	3.35	96.8
595	2/3/2010 14:31	11.41	45.97	29.72	8.77	8.06	10.5	3.41	96.8
596	2/3/2010 14:46	11.44	46.42	30.05	8.77	8.06	9.3	3.44	97.1
597	2/3/2010 15:01	11.45	43.91	28.25	8.82	8.32	7.5	3.46	96.6
598	2/3/2010 15:16	11.43	43.93	28.26	8.81	8.31	9.0	3.46	96.4
599	2/3/2010 15:31	11.46	44.01	28.32	8.80	8.31	9.2	3.45	96.4
600	2/3/2010 15:46	11.47	43.85	28.21	8.83	8.31	10.7	3.40	96.7
601	2/3/2010 16:01	11.45	42.80	27.46	8.96	8.30	8.6	3.33	97.7
602	2/3/2010 16:16	11.45	43.00	27.60	8.92	8.29	8.4	3.26	97.3
603	2/3/2010 16:31	11.40	42.79	27.45	8.84	8.28	8.9	3.17	96.2
604	2/3/2010 16:46	11.37	42.71	27.39	8.79	8.27	8.0	3.08	95.5
605	2/3/2010 17:01	11.36	42.48	27.23	8.79	8.27	7.9	2.98	95.5
606	2/3/2010 17:16	11.34	42.61	27.32	8.76	8.27	7.8	2.89	95.1
607	2/3/2010 17:31	11.32	42.46	27.22	8.74	8.27	7.4	2.80	94.8
608	2/3/2010 17:46	11.30	42.56	27.28	8.70	8.26	7.0	2.72	94.4
609	2/3/2010 18:01	11.26	42.36	27.14	8.71	8.26	8.1	2.61	94.3
610	2/3/2010 18:16	11.28	42.37	27.15	8.69	8.26	8.6	2.52	94.1
611	2/3/2010 18:31	11.25	42.46	27.21	8.69	8.25	8.4	2.44	94.1
612	2/3/2010 18:46	11.20	42.15	26.99	8.71	8.25	8.9	2.33	94.1
613	2/3/2010 19:01	11.19	42.02	26.90	8.72	8.25	9.1	2.24	94.1
614	2/3/2010 19:16	11.18	41.84	26.77	8.70	8.25	8.2	2.16	93.9
615	2/3/2010 19:31	11.17	41.58	26.59	8.73	8.24	8.2	2.07	94.0
616	2/3/2010 19:46	11.15	41.51	26.54	8.73	8.24	7.8	1.99	93.9
617	2/3/2010 20:01	11.13	41.29	26.38	8.75	8.23	7.8	1.93	94.0
618	2/3/2010 20:16	11.12	41.17	26.30	8.73	8.23	7.8	1.89	93.7
619	2/3/2010 20:31	11.11	41.21	26.32	8.73	8.23	7.5	1.84	93.7
620	2/3/2010 20:46	11.11	41.29	26.38	8.70	8.23	7.2	1.82	93.4
621	2/3/2010 21:01	11.08	41.03	26.19	8.73	8.23	7.5	1.84	93.6
622	2/3/2010 21:16	11.10	43.29	27.79	8.65	7.98	7.5	1.87	93.8
623	2/3/2010 21:31	11.12	43.49	27.94	8.63	7.98	7.3	1.90	93.6
624	2/3/2010 21:46	11.10	41.53	26.55	8.73	8.23	7.0	1.96	93.9
625	2/3/2010 22:01	11.12	41.51	26.54	8.72	8.23	7.0	2.05	93.8
626	2/3/2010 22:16	11.13	41.43	26.48	8.72	8.23	7.4	2.14	93.8
627	2/3/2010 22:31	11.15	41.44	26.48	8.71	8.23	8.2	2.21	93.7
628	2/3/2010 22:46	11.17	41.40	26.46	8.72	8.24	8.1	2.31	93.8
629	2/3/2010 23:01	11.22	41.83	26.77	8.69	8.24	8.1	2.40	93.9
630	2/3/2010 23:16	11.23	42.23	27.05	8.71	8.25	8.1	2.49	94.2
631	2/3/2010 23:31	11.21	42.42	27.18	8.72	8.26	7.6	2.57	94.4
632	2/3/2010 23:46	11.22	42.50	27.24	8.72	8.26	8.4	2.66	94.4
633	2/4/2010 0:01	11.23	42.55	27.28	8.74	8.26	9.0	2.76	94.7
634	2/4/2010 0:16	11.26	42.83	27.48	8.74	8.27	10.4	2.86	94.9
635	2/4/2010 0:31	11.28	43.05	27.63	8.76	8.28	11.9	2.95	95.2

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		
636	2/4/2010 0:46	11.30	45.23	29.19	8.71	8.00	14.3	3.05	95.6
637	2/4/2010 1:01	11.34	43.42	27.90	8.85	8.30	14.0	3.17	96.4
638	2/4/2010 1:16	11.37	43.64	28.06	8.87	8.31	14.8	3.28	96.9
639	2/4/2010 1:31	11.44	44.21	28.46	8.90	8.32	15.3	3.38	97.6
640	2/4/2010 1:46	11.50	44.63	28.76	8.92	8.33	15.7	3.49	98.1
641	2/4/2010 2:01	11.52	44.77	28.87	8.93	8.33	16.7	3.59	98.4
642	2/4/2010 2:16	11.54	44.92	28.97	8.95	8.34	17.2	3.69	98.6
643	2/4/2010 2:31	11.57	45.01	29.04	8.95	8.34	14.7	3.77	98.8
644	2/4/2010 2:46	11.59	45.06	29.07	8.96	8.34	12.2	3.84	98.9
645	2/4/2010 3:01	11.59	45.16	29.15	8.94	8.35	10.2	3.90	98.8
646	2/4/2010 3:16	11.59	47.54	30.86	8.87	8.11	9.3	3.93	99.0
647	2/4/2010 3:31	11.61	44.82	28.91	8.99	8.35	9.0	3.96	99.2
648	2/4/2010 3:46	11.55	44.92	28.97	8.81	8.34	7.0	3.95	97.1
649	2/4/2010 4:01	11.57	45.00	29.03	8.86	8.34	9.9	3.93	97.8
650	2/4/2010 4:16	11.60	47.34	30.71	8.80	8.10	9.3	3.87	98.2
651	2/4/2010 4:31	11.55	45.11	29.11	8.89	8.34	10.2	3.80	98.1
652	2/4/2010 4:46	11.37	44.01	28.32	8.83	8.31	7.9	3.72	96.6
653	2/4/2010 5:01	11.31	43.78	28.15	8.75	8.30	7.8	3.61	95.5
654	2/4/2010 5:16	11.27	43.63	28.04	8.73	8.29	8.4	3.51	95.1
655	2/4/2010 5:31	11.24	43.30	27.80	8.70	8.29	9.3	3.41	94.6
656	2/4/2010 5:46	11.21	43.14	27.69	8.70	8.28	10.0	3.29	94.4
657	2/4/2010 6:01	11.17	43.14	27.69	8.68	8.27	9.0	3.18	94.1
658	2/4/2010 6:16	11.19	43.15	27.70	8.67	8.27	9.3	3.07	94.1
659	2/4/2010 6:31	11.13	42.68	27.36	8.65	8.26	8.4	2.96	93.6
660	2/4/2010 6:46	11.11	42.87	27.50	8.68	8.26	8.2	2.86	93.9
661	2/4/2010 7:01	11.08	42.54	27.26	8.70	8.26	11.9	2.76	93.9
662	2/4/2010 7:16	11.07	42.38	27.15	8.69	8.25	12.9	2.65	93.7
663	2/4/2010 7:31	11.09	42.89	27.51	8.73	8.27	17.7	2.54	94.4
664	2/4/2010 7:46	11.06	42.66	27.34	8.69	8.26	17.2	2.44	93.8
665	2/4/2010 8:01	11.04	42.61	27.31	8.70	8.26	18.1	2.34	93.9
666	2/4/2010 8:16	11.01	44.30	28.51	8.60	7.99	19.3	2.25	93.5
667	2/4/2010 8:31	10.98	42.50	27.23	8.67	8.25	18.1	2.13	93.4
668	2/4/2010 8:46	10.95	42.43	27.17	8.67	8.25	16.9	2.05	93.3
669	2/4/2010 9:01	10.94	42.02	26.89	8.68	8.24	20.9	1.97	93.2
670	2/4/2010 9:16	10.92	41.83	26.75	8.70	8.24	24.2	1.88	93.3
671	2/4/2010 9:31	10.91	41.91	26.81	8.69	8.23	20.1	1.84	93.2
672	2/4/2010 9:46	10.90	41.94	26.83	8.68	8.23	12.9	1.81	93.1
673	2/4/2010 10:01	10.90	41.88	26.79	8.70	8.23	12.2	1.77	93.3
674	2/4/2010 10:16	10.89	41.90	26.80	8.69	8.23	11.0	1.79	93.2
675	2/4/2010 10:31	10.90	41.69	26.65	8.73	8.23	12.0	1.80	93.6
676	2/4/2010 10:46	10.93	42.03	26.89	8.70	8.23	12.7	1.84	93.4
677	2/4/2010 11:01	10.95	41.97	26.85	8.71	8.24	11.8	1.90	93.5
678	2/4/2010 11:16	10.88	41.06	26.21	8.73	8.22	12.5	1.97	93.2
679	2/4/2010 11:31	10.90	41.44	26.48	8.71	8.22	13.9	2.04	93.2
680	2/4/2010 11:46	10.95	41.62	26.61	8.69	8.23	12.8	2.12	93.1
681	2/4/2010 12:01	10.98	41.93	26.82	8.69	8.24	10.9	2.20	93.3
682	2/4/2010 12:16	11.03	42.22	27.03	8.67	8.25	10.9	2.28	93.4
683	2/4/2010 12:31	11.09	42.70	27.38	8.71	8.26	11.5	2.36	94.2
684	2/4/2010 12:46	11.11	42.78	27.43	8.75	8.27	9.6	2.42	94.7
685	2/4/2010 13:01	11.13	42.72	27.39	8.77	8.27	9.3	2.50	94.8
686	2/4/2010 13:16	11.15	42.93	27.54	8.76	8.27	9.3	2.57	94.9
687	2/4/2010 13:31	11.17	43.15	27.70	8.76	8.27	9.7	2.64	95.0
688	2/4/2010 13:46	11.18	43.12	27.68	8.76	8.28	9.3	2.70	95.1

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	
689	2/4/2010 14:01	11.20	43.16	27.70	8.78	8.28	9.5	2.77	95.4
690	2/4/2010 14:16	11.22	43.43	27.90	8.77	8.28	10.7	2.85	95.4
691	2/4/2010 14:31	11.26	43.46	27.92	8.81	8.29	9.3	2.91	95.9
692	2/4/2010 14:46	11.30	43.60	28.02	8.84	8.30	8.6	2.97	96.4
693	2/4/2010 15:01	11.31	45.82	29.61	8.77	8.04	8.9	3.03	96.6
694	2/4/2010 15:16	11.36	44.10	28.38	8.86	8.31	8.2	3.10	97.0
695	2/4/2010 15:31	11.38	44.01	28.31	8.89	8.31	8.2	3.14	97.2
696	2/4/2010 15:46	11.39	44.06	28.35	8.90	8.32	7.7	3.18	97.4
697	2/4/2010 16:01	11.40	44.18	28.44	8.90	8.32	7.6	3.23	97.5
698	2/4/2010 16:16	11.41	44.35	28.56	8.89	8.32	7.2	3.24	97.5
699	2/4/2010 16:31	11.41	44.52	28.68	8.84	8.32	6.7	3.23	97.0
700	2/4/2010 16:46	11.39	44.17	28.43	8.92	8.32	7.8	3.21	97.6
701	2/4/2010 17:01	11.38	44.24	28.48	8.86	8.32	8.4	3.19	97.0
702	2/4/2010 17:16	11.35	44.08	28.37	8.88	8.31	11.4	3.13	97.1
703	2/4/2010 17:31	11.32	43.98	28.29	8.86	8.30	12.9	3.10	96.7
704	2/4/2010 17:46	11.29	43.42	27.89	8.88	8.30	16.7	3.02	96.7
705	2/4/2010 18:01	11.25	44.88	28.93	8.83	8.02	27.2	2.94	96.7
706	2/4/2010 18:16	11.22	44.72	28.81	8.82	8.01	30.2	2.90	96.5
707	2/4/2010 18:31	11.24	42.90	27.52	8.84	8.28	36.0	2.82	95.9
708	2/4/2010 18:46	11.20	42.77	27.43	8.85	8.27	37.3	2.74	95.9
709	2/4/2010 19:01	11.18	42.79	27.44	8.86	8.27	31.3	2.68	96.0
710	2/4/2010 19:16	11.19	42.92	27.53	8.85	8.27	29.5	2.61	96.0
711	2/4/2010 19:31	11.17	42.60	27.31	8.85	8.27	35.0	2.55	95.8
712	2/4/2010 19:46	11.15	42.55	27.27	8.85	8.27	27.7	2.48	95.7
713	2/4/2010 20:01	11.10	42.25	27.06	8.89	8.26	26.2	2.41	96.0
714	2/4/2010 20:16	11.12	42.26	27.06	8.85	8.27	22.9	2.35	95.5
715	2/4/2010 20:31	11.12	42.47	27.21	8.83	8.26	21.1	2.32	95.4
716	2/4/2010 20:46	11.13	42.54	27.26	8.78	8.26	18.4	2.27	94.9
717	2/4/2010 21:01	11.13	42.68	27.36	8.75	8.26	18.5	2.22	94.6
718	2/4/2010 21:16	11.13	42.61	27.31	8.71	8.26	15.5	2.21	94.2
719	2/4/2010 21:31	11.13	42.50	27.23	8.79	8.26	15.4	2.20	95.0
720	2/4/2010 21:46	11.14	42.72	27.39	8.77	8.26	16.9	2.20	94.9
721	2/4/2010 22:01	11.13	42.12	26.97	8.79	8.26	17.2	2.23	94.8
722	2/4/2010 22:16	11.12	42.49	27.23	8.83	8.26	18.9	2.26	95.4
723	2/4/2010 22:31	11.12	42.46	27.21	8.85	8.26	19.5	2.31	95.6
724	2/4/2010 22:46	11.04	41.68	26.65	8.92	8.26	19.3	2.37	95.8
725	2/4/2010 23:01	11.11	42.24	27.05	8.86	8.26	18.9	2.42	95.6
726	2/4/2010 23:16	11.12	42.25	27.06	8.87	8.26	23.3	2.50	95.7
727	2/4/2010 23:31	11.15	42.48	27.22	8.87	8.27	24.2	2.57	95.8
728	2/4/2010 23:46	11.15	42.65	27.34	8.87	8.27	20.3	2.64	95.9
729	2/5/2010 0:01	11.17	42.76	27.42	8.86	8.27	24.2	2.73	95.9
730	2/5/2010 0:16	11.16	42.98	27.58	8.87	8.28	28.6	2.81	96.1
731	2/5/2010 0:31	11.15	42.99	27.58	8.87	8.28	19.9	2.89	96.1
732	2/5/2010 0:46	11.17	43.12	27.67	8.87	8.28	22.2	2.98	96.2
733	2/5/2010 1:01	11.20	43.28	27.79	8.86	8.29	23.1	3.07	96.2
734	2/5/2010 1:16	11.21	45.13	29.11	8.79	8.02	22.0	3.15	96.3
735	2/5/2010 1:31	11.23	43.66	28.06	8.87	8.30	24.0	3.26	96.5
736	2/5/2010 1:46	11.25	43.76	28.13	8.87	8.30	19.6	3.36	96.7
737	2/5/2010 2:01	11.26	43.89	28.23	8.87	8.31	17.4	3.45	96.8
738	2/5/2010 2:16	11.26	43.95	28.27	8.88	8.31	15.4	3.54	96.9
739	2/5/2010 2:31	11.29	44.56	28.71	8.86	8.32	14.1	3.63	97.0
740	2/5/2010 2:46	11.36	44.81	28.89	8.87	8.33	13.5	3.70	97.4
741	2/5/2010 3:01	11.41	47.17	30.58	8.80	8.07	12.0	3.77	97.7

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	
742	2/5/2010 3:16	11.43	47.53	30.84	8.77	8.07	11.2	3.83	97.6
743	2/5/2010 3:31	11.44	45.26	29.21	8.87	8.34	9.3	3.88	97.7
744	2/5/2010 3:46	11.44	45.53	29.40	8.85	8.34	8.4	3.93	97.6
745	2/5/2010 4:01	11.45	45.65	29.49	8.79	8.34	6.1	3.95	97.0
746	2/5/2010 4:16	11.44	45.39	29.31	8.76	8.34	6.4	3.95	96.6
747	2/5/2010 4:31	11.44	45.57	29.44	8.74	8.34	8.5	3.94	96.4
748	2/5/2010 4:46	11.44	45.54	29.42	8.82	8.34	8.7	3.91	97.3
749	2/5/2010 5:01	11.17	44.32	28.53	8.83	8.32	10.3	3.86	96.3
750	2/5/2010 5:16	11.13	44.31	28.52	8.82	8.31	12.5	3.79	96.2
751	2/5/2010 5:31	11.08	43.98	28.28	8.82	8.31	9.2	3.72	95.9
752	2/5/2010 5:46	11.03	43.84	28.18	8.80	8.30	10.3	3.63	95.5
753	2/5/2010 6:01	11.03	43.64	28.04	8.79	8.29	11.9	3.55	95.2
754	2/5/2010 6:16	10.98	43.37	27.84	8.80	8.29	12.0	3.46	95.2
755	2/5/2010 6:31	10.97	43.46	27.91	8.77	8.29	11.3	3.36	94.9
756	2/5/2010 6:46	10.95	43.20	27.72	8.78	8.28	11.2	3.26	94.8
757	2/5/2010 7:01	10.91	43.02	27.59	8.79	8.28	11.3	3.16	94.8
758	2/5/2010 7:16	10.90	43.10	27.65	8.78	8.28	12.0	3.07	94.6
759	2/5/2010 7:31	10.91	43.02	27.59	8.79	8.28	12.0	2.96	94.8
760	2/5/2010 7:46	10.88	42.85	27.47	8.81	8.28	11.4	2.87	94.9
761	2/5/2010 8:01	10.87	43.13	27.67	8.79	8.28	11.0	2.76	94.7
762	2/5/2010 8:16	10.89	44.71	28.79	8.73	8.01	10.9	2.66	94.8
763	2/5/2010 8:31	10.88	43.20	27.72	8.82	8.28	10.3	2.57	95.1
764	2/5/2010 8:46	10.89	43.26	27.77	8.82	8.28	11.7	2.46	95.1
765	2/5/2010 9:01	10.81	44.07	28.34	8.72	7.98	13.7	2.36	94.3
766	2/5/2010 9:16	10.85	42.70	27.37	8.83	8.26	14.2	2.26	94.9
767	2/5/2010 9:31	10.86	42.55	27.26	8.83	8.27	16.4	2.17	94.8
768	2/5/2010 9:46	10.90	42.71	27.38	8.91	8.27	17.3	2.08	95.9
769	2/5/2010 10:01	10.88	44.14	28.39	8.81	7.95	16.1	2.00	95.4
770	2/5/2010 10:16	10.90	44.19	28.42	8.83	7.95	15.4	1.94	95.7
771	2/5/2010 10:31	10.91	42.30	27.08	8.90	8.26	16.5	1.88	95.6
772	2/5/2010 10:46	10.90	42.19	27.00	8.85	8.25	15.1	1.85	95.0
773	2/5/2010 11:01	10.92	42.18	27.00	8.83	8.25	12.7	1.82	94.9
774	2/5/2010 11:16	10.95	42.10	26.95	8.86	8.25	12.5	1.83	95.2
775	2/5/2010 11:31	10.99	42.36	27.13	8.87	8.25	12.7	1.82	95.4
776	2/5/2010 11:46	11.02	44.08	28.35	8.80	7.98	12.9	1.87	95.5
777	2/5/2010 12:01	11.05	42.19	27.01	8.85	8.25	13.1	1.92	95.3
778	2/5/2010 12:16	11.00	41.27	26.36	8.86	8.24	13.3	1.97	95.0
779	2/5/2010 12:31	10.98	40.35	25.72	8.88	8.22	12.6	2.05	94.7
780	2/5/2010 12:46	10.92	41.69	26.65	8.80	8.24	12.3	2.11	94.3
781	2/5/2010 13:01	10.96	41.29	26.38	8.84	8.24	12.6	2.18	94.7
782	2/5/2010 13:16	11.00	41.69	26.66	8.84	8.24	11.8	2.24	94.9
783	2/5/2010 13:31	10.92	42.13	26.97	8.75	8.25	11.6	2.31	94.0
784	2/5/2010 13:46	11.00	42.58	27.28	8.76	8.26	12.0	2.39	94.4
785	2/5/2010 14:01	11.06	42.72	27.39	8.79	8.26	11.9	2.44	95.0
786	2/5/2010 14:16	11.12	42.62	27.32	8.84	8.26	11.5	2.50	95.5
787	2/5/2010 14:31	11.11	42.76	27.42	8.84	8.26	11.5	2.56	95.6
788	2/5/2010 14:46	11.10	42.80	27.45	8.84	8.27	10.8	2.62	95.7
789	2/5/2010 15:01	11.11	42.92	27.53	8.85	8.27	11.5	2.69	95.8
790	2/5/2010 15:16	11.12	42.99	27.58	8.86	8.27	10.9	2.73	96.0
791	2/5/2010 15:31	11.13	43.18	27.71	8.87	8.28	11.2	2.79	96.1
792	2/5/2010 15:46	11.13	43.11	27.67	8.87	8.28	11.2	2.85	96.1
793	2/5/2010 16:01	11.13	43.03	27.61	8.86	8.28	10.9	2.90	96.0
794	2/5/2010 16:16	11.16	43.36	27.84	8.85	8.28	11.2	2.97	96.1

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	
795	2/5/2010 16:31	11.20	43.40	27.87	8.86	8.29	10.7	3.01	96.3
796	2/5/2010 16:46	11.22	43.49	27.94	8.86	8.29	10.7	3.05	96.4
797	2/5/2010 17:01	11.24	43.58	28.01	8.85	8.29	9.3	3.09	96.4
798	2/5/2010 17:16	11.25	43.62	28.03	8.81	8.29	7.9	3.10	95.9
799	2/5/2010 17:31	11.23	43.48	27.93	8.77	8.29	7.1	3.10	95.4
800	2/5/2010 17:46	11.23	43.52	27.97	8.79	8.29	8.2	3.13	95.7
801	2/5/2010 18:01	11.24	43.82	28.18	8.70	8.29	8.4	3.09	94.8
802	2/5/2010 18:16	11.23	43.76	28.13	8.75	8.29	7.8	3.07	95.3
803	2/5/2010 18:31	11.11	43.27	27.78	8.82	8.28	10.6	3.04	95.6
804	2/5/2010 18:46	11.13	43.31	27.81	8.81	8.28	9.3	2.97	95.5
805	2/5/2010 19:01	11.12	43.29	27.79	8.80	8.28	9.0	2.95	95.4
806	2/5/2010 19:16	11.11	43.17	27.71	8.81	8.28	8.7	2.88	95.5
807	2/5/2010 19:31	11.11	42.99	27.58	8.78	8.28	9.2	2.83	95.0
808	2/5/2010 19:46	11.11	43.04	27.62	8.77	8.27	9.5	2.78	94.9
809	2/5/2010 20:01	11.10	42.91	27.52	8.77	8.27	9.3	2.73	94.9
810	2/5/2010 20:16	11.08	42.81	27.45	8.77	8.27	9.0	2.68	94.8
811	2/5/2010 20:31	11.11	42.76	27.42	8.75	8.26	8.8	2.64	94.7
812	2/5/2010 20:46	11.09	42.70	27.38	8.72	8.26	8.7	2.60	94.2
813	2/5/2010 21:01	11.05	42.75	27.41	8.69	8.26	7.6	2.57	93.9
814	2/5/2010 21:16	11.04	42.80	27.44	8.65	8.26	7.9	2.55	93.4
815	2/5/2010 21:31	11.03	42.62	27.32	8.55	8.26	6.6	2.52	92.3
816	2/5/2010 21:46	11.03	42.69	27.36	8.49	8.25	6.0	2.50	91.6
817	2/5/2010 22:01	11.03	42.54	27.26	8.63	8.26	7.2	2.49	93.0
818	2/5/2010 22:16	10.98	43.56	27.98	8.80	7.98	7.9	2.48	95.2
819	2/5/2010 22:31	10.99	41.98	26.86	8.85	8.26	7.8	2.48	95.1
820	2/5/2010 22:46	11.00	42.44	27.19	8.79	8.26	8.3	2.51	94.7
821	2/5/2010 23:01	11.03	42.62	27.32	8.74	8.26	8.7	2.51	94.3
822	2/5/2010 23:16	11.05	42.79	27.43	8.75	8.26	8.4	2.54	94.5
823	2/5/2010 23:31	11.04	42.84	27.47	8.74	8.26	9.0	2.59	94.4
824	2/5/2010 23:46	10.99	42.64	27.33	8.79	8.26	9.0	2.61	94.7
825	2/6/2010 0:01	11.02	42.64	27.33	8.79	8.26	9.3	2.67	94.8
826	2/6/2010 0:16	11.01	42.77	27.42	8.79	8.27	9.0	2.73	94.9
827	2/6/2010 0:31	11.04	43.02	27.60	8.79	8.27	7.9	2.77	95.1
828	2/6/2010 0:46	11.08	43.19	27.72	8.76	8.28	8.1	2.85	94.9
829	2/6/2010 1:01	11.13	43.28	27.79	8.80	8.28	8.4	2.91	95.4
830	2/6/2010 1:16	11.12	43.38	27.86	8.79	8.28	8.8	2.99	95.4
831	2/6/2010 1:31	11.17	43.76	28.13	8.81	8.29	8.4	3.06	95.9
832	2/6/2010 1:46	11.20	43.68	28.07	8.81	8.29	8.5	3.14	95.9
833	2/6/2010 2:01	11.21	43.90	28.23	8.82	8.30	8.5	3.21	96.0
834	2/6/2010 2:16	11.19	43.76	28.13	8.81	8.29	8.4	3.30	95.9
835	2/6/2010 2:31	11.24	44.16	28.42	8.83	8.30	8.9	3.36	96.3
836	2/6/2010 2:46	11.23	44.02	28.32	8.84	8.30	8.2	3.43	96.4
837	2/6/2010 3:01	11.28	44.26	28.49	8.87	8.31	9.8	3.51	96.9
838	2/6/2010 3:16	11.28	44.30	28.52	8.91	8.32	9.8	3.58	97.3
839	2/6/2010 3:31	11.29	44.50	28.66	8.91	8.32	9.3	3.63	97.5
840	2/6/2010 3:46	11.30	44.41	28.60	8.94	8.33	8.2	3.70	97.8
841	2/6/2010 4:01	11.32	44.65	28.77	8.95	8.33	7.6	3.75	98.1
842	2/6/2010 4:16	11.33	44.78	28.86	8.95	8.33	7.3	3.79	98.2
843	2/6/2010 4:31	11.35	44.77	28.86	8.96	8.33	7.3	3.82	98.4
844	2/6/2010 4:46	11.36	44.74	28.83	8.96	8.34	6.8	3.86	98.3
845	2/6/2010 5:01	11.38	45.00	29.02	8.94	8.34	6.0	3.88	98.3
846	2/6/2010 5:16	11.33	44.76	28.85	8.91	8.33	6.4	3.88	97.7
847	2/6/2010 5:31	11.37	44.71	28.82	8.89	8.33	7.6	3.88	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	
848	2/6/2010 5:46	11.37	44.98	29.01	8.91	8.33	7.4	3.85	97.9
849	2/6/2010 6:01	11.37	45.05	29.06	8.89	8.33	7.3	3.81	97.7
850	2/6/2010 6:16	11.14	44.05	28.33	8.79	8.30	8.2	3.75	95.7
851	2/6/2010 6:31	11.09	43.92	28.24	8.80	8.30	7.6	3.69	95.6
852	2/6/2010 6:46	11.13	44.07	28.35	8.76	8.29	6.7	3.61	95.4
853	2/6/2010 7:01	11.09	43.90	28.23	8.72	8.29	7.0	3.53	94.7
854	2/6/2010 7:16	10.99	43.39	27.86	8.73	8.28	7.4	3.45	94.4
855	2/6/2010 7:31	10.96	43.38	27.85	8.72	8.27	7.1	3.35	94.3
856	2/6/2010 7:46	10.92	43.07	27.63	8.71	8.27	6.9	3.27	94.0
857	2/6/2010 8:01	10.90	42.99	27.57	8.71	8.27	6.8	3.17	93.9
858	2/6/2010 8:16	10.92	43.07	27.63	8.73	8.27	7.6	3.07	94.1
859	2/6/2010 8:31	10.93	43.22	27.73	8.73	8.27	7.0	2.98	94.2
860	2/6/2010 8:46	10.93	43.15	27.69	8.73	8.27	6.9	2.89	94.2
861	2/6/2010 9:01	10.93	43.15	27.69	8.72	8.27	6.8	2.80	94.1
862	2/6/2010 9:16	10.95	43.37	27.84	8.71	8.27	6.8	2.72	94.1
863	2/6/2010 9:31	10.97	43.25	27.76	8.73	8.27	6.5	2.62	94.4
864	2/6/2010 9:46	11.00	43.39	27.86	8.73	8.27	6.7	2.52	94.4
865	2/6/2010 10:01	10.94	42.90	27.51	8.73	8.26	7.0	2.42	94.1
866	2/6/2010 10:16	10.97	42.91	27.52	8.77	8.26	6.8	2.34	94.6
867	2/6/2010 10:31	10.95	42.93	27.53	8.80	8.26	7.4	2.25	94.9
868	2/6/2010 10:46	10.98	42.96	27.55	8.83	8.26	7.4	2.17	95.3
869	2/6/2010 11:01	10.97	42.64	27.33	8.86	8.26	7.3	2.08	95.5
870	2/6/2010 11:16	10.98	42.67	27.35	8.87	8.26	7.5	2.01	95.6
871	2/6/2010 11:31	10.96	42.56	27.27	8.85	8.25	7.7	1.95	95.3
872	2/6/2010 11:46	10.97	42.55	27.26	8.89	8.26	7.9	1.89	95.7
873	2/6/2010 12:01	10.97	42.49	27.22	8.91	8.26	7.5	1.86	96.0
874	2/6/2010 12:16	10.95	42.38	27.14	8.78	8.24	7.5	1.85	94.5
875	2/6/2010 12:31	10.97	42.20	27.01	8.82	8.25	7.1	1.83	94.8
876	2/6/2010 12:46	10.97	42.35	27.12	8.83	8.25	7.0	1.86	95.0
877	2/6/2010 13:01	10.94	42.46	27.20	8.74	8.24	7.0	1.90	94.0
878	2/6/2010 13:16	10.93	42.40	27.16	8.72	8.24	7.0	1.94	93.7
879	2/6/2010 13:31	10.94	42.24	27.04	8.72	8.23	7.0	2.00	93.7
880	2/6/2010 13:46	10.94	41.46	26.49	8.73	8.23	8.1	2.06	93.5
881	2/6/2010 14:01	10.93	41.38	26.44	8.69	8.23	7.8	2.12	93.0
882	2/6/2010 14:16	10.93	41.96	26.84	8.66	8.23	7.2	2.17	93.0
883	2/6/2010 14:31	10.93	42.26	27.05	8.63	8.23	6.8	2.24	92.8
884	2/6/2010 14:46	10.93	42.00	26.87	8.63	8.23	7.0	2.29	92.7
885	2/6/2010 15:01	10.93	41.95	26.84	8.61	8.23	6.8	2.35	92.4
886	2/6/2010 15:16	10.93	43.65	28.04	8.54	7.96	6.9	2.40	92.3
887	2/6/2010 15:31	10.95	42.48	27.21	8.59	8.24	7.1	2.46	92.5
888	2/6/2010 15:46	10.96	42.82	27.45	8.60	8.25	6.7	2.51	92.7
889	2/6/2010 16:01	10.97	42.97	27.56	8.61	8.25	7.1	2.56	93.0
890	2/6/2010 16:16	10.98	42.94	27.54	8.64	8.25	7.3	2.61	93.3
891	2/6/2010 16:31	11.00	43.01	27.59	8.69	8.26	7.1	2.66	93.8
892	2/6/2010 16:46	11.01	43.03	27.60	8.69	8.26	7.0	2.71	93.9
893	2/6/2010 17:01	11.01	43.08	27.64	8.70	8.26	7.6	2.76	94.1
894	2/6/2010 17:16	11.00	43.10	27.65	8.70	8.26	7.4	2.82	94.0
895	2/6/2010 17:31	11.00	43.05	27.62	8.70	8.26	7.4	2.86	94.0
896	2/6/2010 17:46	11.01	43.10	27.66	8.69	8.26	6.8	2.90	93.9
897	2/6/2010 18:01	11.02	43.30	27.79	8.68	8.27	6.7	2.95	93.9
898	2/6/2010 18:16	11.02	43.13	27.67	8.65	8.26	6.7	2.98	93.5
899	2/6/2010 18:31	11.03	43.21	27.74	8.64	8.27	5.9	3.00	93.5
900	2/6/2010 18:46	11.02	43.24	27.76	8.61	8.26	6.7	3.01	93.2

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	
901	2/6/2010 19:01	11.03	43.28	27.79	8.57	8.26	6.2	3.02	92.7
902	2/6/2010 19:16	11.03	43.27	27.77	8.54	8.26	6.3	3.01	92.4
903	2/6/2010 19:31	11.03	43.43	27.89	8.57	8.26	6.5	2.99	92.8
904	2/6/2010 19:46	11.02	43.40	27.87	8.59	8.26	6.5	2.97	93.0
905	2/6/2010 20:01	11.02	43.38	27.86	8.60	8.27	6.8	2.94	93.0
906	2/6/2010 20:16	10.95	43.23	27.74	8.60	8.26	7.8	2.90	92.8
907	2/6/2010 20:31	10.89	43.03	27.60	8.64	8.26	9.3	2.87	93.1
908	2/6/2010 20:46	10.84	43.20	27.72	8.62	8.26	9.2	2.83	92.9
909	2/6/2010 21:01	10.81	43.19	27.71	8.65	8.26	8.8	2.77	93.1
910	2/6/2010 21:16	10.78	43.13	27.67	8.66	8.26	8.2	2.75	93.1
911	2/6/2010 21:31	10.87	42.84	27.47	8.75	8.26	7.9	2.72	94.1
912	2/6/2010 21:46	10.90	42.82	27.45	8.78	8.26	7.3	2.68	94.6
913	2/6/2010 22:01	10.85	44.30	28.50	8.71	7.92	7.5	2.64	94.3
914	2/6/2010 22:16	10.86	44.15	28.39	8.68	7.92	7.3	2.62	93.9
915	2/6/2010 22:31	10.83	42.49	27.21	8.72	8.25	7.4	2.59	93.6
916	2/6/2010 22:46	10.83	42.52	27.24	8.66	8.25	7.1	2.57	93.0
917	2/6/2010 23:01	10.83	42.83	27.46	8.62	8.25	7.0	2.57	92.7
918	2/6/2010 23:16	10.82	42.60	27.29	8.57	8.25	6.1	2.57	92.0
919	2/6/2010 23:31	10.81	42.56	27.26	8.63	8.25	6.2	2.57	92.7
920	2/6/2010 23:46	10.79	42.71	27.37	8.66	8.25	6.3	2.59	93.0
921	2/7/2010 0:01	10.79	42.53	27.24	8.70	8.25	6.3	2.61	93.3
922	2/7/2010 0:16	10.82	42.70	27.36	8.69	8.25	6.7	2.63	93.4
923	2/7/2010 0:31	10.88	42.63	27.31	8.68	8.25	6.5	2.67	93.4
924	2/7/2010 0:46	10.90	42.84	27.46	8.64	8.25	6.8	2.71	93.1
925	2/7/2010 1:01	10.86	42.55	27.26	8.67	8.25	7.0	2.74	93.2
926	2/7/2010 1:16	10.87	42.61	27.30	8.67	8.25	6.6	2.78	93.2
927	2/7/2010 1:31	10.90	42.81	27.44	8.66	8.25	6.7	2.84	93.3
928	2/7/2010 1:46	10.91	43.13	27.67	8.65	8.26	6.8	2.88	93.2
929	2/7/2010 2:01	10.85	43.01	27.58	8.68	8.26	6.1	2.94	93.5
930	2/7/2010 2:16	10.83	43.14	27.67	8.71	8.27	5.9	2.99	93.8
931	2/7/2010 2:31	10.95	43.50	27.93	8.69	8.28	5.8	3.08	94.0
932	2/7/2010 2:46	10.91	43.49	27.93	8.73	8.28	5.5	3.13	94.4
933	2/7/2010 3:01	10.91	43.76	28.12	8.75	8.29	5.5	3.19	94.6
934	2/7/2010 3:16	11.00	43.99	28.29	8.77	8.29	5.1	3.25	95.1
935	2/7/2010 3:31	11.00	45.11	29.09	8.72	8.02	5.5	3.35	95.1
936	2/7/2010 3:46	11.05	44.19	28.43	8.77	8.30	5.0	3.40	95.4
937	2/7/2010 4:01	11.06	44.32	28.52	8.80	8.31	5.3	3.43	95.7
938	2/7/2010 4:16	11.08	44.14	28.40	8.81	8.31	5.4	3.49	95.9
939	2/7/2010 4:31	11.10	44.61	28.73	8.84	8.32	5.2	3.57	96.4
940	2/7/2010 4:46	11.13	44.63	28.75	8.83	8.32	5.5	3.60	96.3
941	2/7/2010 5:01	11.21	45.04	29.05	8.79	8.33	5.3	3.67	96.2
942	2/7/2010 5:16	11.25	45.14	29.12	8.78	8.33	5.1	3.70	96.3
943	2/7/2010 5:31	11.36	45.38	29.30	8.79	8.33	5.7	3.77	96.7
944	2/7/2010 5:46	11.33	45.51	29.38	8.79	8.33	5.6	3.75	96.8
945	2/7/2010 6:01	11.30	46.63	30.19	8.70	8.06	4.8	3.75	96.2
946	2/7/2010 6:16	11.39	45.64	29.48	8.72	8.34	5.7	3.75	96.2
947	2/7/2010 6:31	11.37	45.60	29.45	8.74	8.33	6.2	3.76	96.3
948	2/7/2010 6:46	11.37	45.55	29.41	8.71	8.33	5.9	3.72	95.9
949	2/7/2010 7:01	11.32	45.24	29.19	8.71	8.33	5.6	3.68	95.6
950	2/7/2010 7:16	11.13	44.77	28.85	8.73	8.31	6.7	3.63	95.3
951	2/7/2010 7:31	11.15	44.81	28.88	8.63	8.31	6.6	3.53	94.3
952	2/7/2010 7:46	11.13	44.49	28.65	8.70	8.31	7.0	3.50	94.8
953	2/7/2010 8:01	10.93	44.09	28.35	8.64	8.29	6.5	3.40	93.6

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	
954	2/7/2010 8:16	10.81	43.64	28.03	8.56	8.26	6.0	3.33	92.3
955	2/7/2010 8:31	10.77	43.32	27.80	8.63	8.27	6.0	3.25	92.9
956	2/7/2010 8:46	10.82	43.33	27.81	8.63	8.27	5.7	3.17	93.0
957	2/7/2010 9:01	10.82	43.21	27.73	8.62	8.26	7.0	3.08	92.8
958	2/7/2010 9:16	10.81	43.10	27.64	8.63	8.26	5.5	3.00	92.8
959	2/7/2010 9:31	10.86	44.16	28.40	8.63	8.26	5.7	2.90	93.4
960	2/7/2010 9:46	10.91	43.20	27.72	8.65	8.26	5.7	2.82	93.3
961	2/7/2010 10:01	10.89	43.09	27.64	8.66	8.26	6.2	2.72	93.3
962	2/7/2010 10:16	10.95	43.40	27.86	8.65	8.26	6.5	2.62	93.5
963	2/7/2010 10:31	11.01	44.36	28.55	8.71	8.27	5.9	2.53	94.6
964	2/7/2010 10:46	11.06	43.24	27.76	8.73	8.27	6.5	2.43	94.5
965	2/7/2010 11:01	11.18	44.22	28.46	8.72	8.27	6.8	2.33	95.1
966	2/7/2010 11:16	11.30	44.33	28.54	8.92	8.27	6.6	2.24	97.6
967	2/7/2010 11:31	11.24	43.99	28.30	8.95	8.27	6.2	2.15	97.6
968	2/7/2010 11:46	11.24	43.70	28.09	8.93	8.27	6.3	2.05	97.3
969	2/7/2010 12:01	11.28	42.72	27.39	9.09	8.27	6.5	1.96	98.6
970	2/7/2010 12:16	11.35	42.77	27.43	9.20	8.28	6.3	1.87	100.1
971	2/7/2010 12:31	11.47	42.86	27.51	9.27	8.29	6.2	1.80	101.1
972	2/7/2010 12:46	11.45	42.64	27.35	9.26	8.29	6.0	1.76	100.8
973	2/7/2010 13:01	11.40	42.46	27.22	9.19	8.28	5.9	1.71	99.9
974	2/7/2010 13:16	11.32	43.18	27.72	9.02	8.27	5.3	1.72	98.1
975	2/7/2010 13:31	11.43	42.69	27.38	9.15	8.28	5.4	1.69	99.6
976	2/7/2010 13:46	11.37	43.61	28.03	9.10	8.27	5.5	1.71	99.3
977	2/7/2010 14:01	11.26	43.59	28.01	8.98	8.26	5.3	1.73	97.8
978	2/7/2010 14:16	11.18	43.53	27.97	8.89	8.25	5.3	1.79	96.6
979	2/7/2010 14:31	11.23	43.40	27.87	8.88	8.25	5.4	1.83	96.6
980	2/7/2010 14:46	11.19	43.22	27.75	8.83	8.24	5.6	1.90	95.9
981	2/7/2010 15:01	11.19	43.15	27.70	8.77	8.24	5.5	1.94	95.2
982	2/7/2010 15:16	11.16	42.94	27.55	8.76	8.23	5.6	2.00	94.9
983	2/7/2010 15:31	11.12	42.90	27.52	8.73	8.23	5.8	2.09	94.5
984	2/7/2010 15:46	11.09	43.19	27.73	8.68	8.23	5.5	2.12	94.0
985	2/7/2010 16:01	11.07	42.98	27.57	8.66	8.23	5.6	2.17	93.6
986	2/7/2010 16:16	11.05	43.13	27.68	8.64	8.23	5.5	2.25	93.5
987	2/7/2010 16:31	11.01	43.22	27.74	8.60	8.23	5.6	2.30	93.0
988	2/7/2010 16:46	11.00	43.51	27.95	8.56	8.24	5.7	2.36	92.7
989	2/7/2010 17:01	11.02	43.77	28.13	8.56	8.24	5.6	2.41	92.8
990	2/7/2010 17:16	11.04	43.91	28.23	8.58	8.25	6.2	2.47	93.1
991	2/7/2010 17:31	11.09	43.39	27.86	8.63	8.24	6.0	2.53	93.5
992	2/7/2010 17:46	11.06	43.80	28.15	8.61	8.25	6.2	2.59	93.5
993	2/7/2010 18:01	11.04	43.79	28.15	8.62	8.25	6.5	2.65	93.5
994	2/7/2010 18:16	11.03	43.85	28.19	8.61	8.25	6.5	2.72	93.4
995	2/7/2010 18:31	11.04	44.05	28.33	8.62	8.25	6.5	2.77	93.6
996	2/7/2010 18:46	11.04	43.93	28.24	8.63	8.26	6.3	2.82	93.7
997	2/7/2010 19:01	11.04	44.06	28.34	8.64	8.26	6.0	2.88	93.9
998	2/7/2010 19:16	11.05	44.27	28.49	8.60	8.26	6.2	2.89	93.5
999	2/7/2010 19:31	11.06	44.45	28.62	8.59	8.26	6.0	2.94	93.6
1000	2/7/2010 19:46	11.06	44.43	28.60	8.58	8.27	5.7	2.99	93.4
1001	2/7/2010 20:01	11.06	44.42	28.59	8.55	8.26	5.8	3.01	93.1
1002	2/7/2010 20:16	11.06	44.34	28.53	8.49	8.26	5.9	3.05	92.3
1003	2/7/2010 20:31	11.07	44.50	28.65	8.47	8.26	5.9	3.04	92.2
1004	2/7/2010 20:46	11.07	44.38	28.57	8.50	8.26	5.4	2.99	92.6
1005	2/7/2010 21:01	11.07	44.18	28.43	8.50	8.26	6.2	2.98	92.5
1006	2/7/2010 21:16	11.06	44.37	28.56	8.49	7.98	5.3	2.98	92.4

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	
1007	2/7/2010 21:31	11.06	44.41	28.59	8.47	8.26	5.3	2.96	92.2
1008	2/7/2010 21:46	11.05	44.18	28.42	8.50	8.25	6.0	2.94	92.4
1009	2/7/2010 22:01	11.01	43.83	28.17	8.53	8.25	6.8	2.91	92.5
1010	2/7/2010 22:16	10.98	43.72	28.09	8.53	8.24	7.6	2.86	92.3
1011	2/7/2010 22:31	11.01	43.81	28.16	8.54	8.25	5.9	2.83	92.5
1012	2/7/2010 22:46	10.95	43.51	27.94	8.53	8.24	6.2	2.78	92.3
1013	2/7/2010 23:01	10.94	43.83	28.17	8.48	8.24	5.7	2.79	91.8
1014	2/7/2010 23:16	10.98	43.77	28.13	8.51	8.24	5.7	2.73	92.2
1015	2/7/2010 23:31	10.98	43.84	28.18	8.43	8.24	5.6	2.71	91.4
1016	2/7/2010 23:46	10.94	43.58	27.99	8.43	8.23	5.4	2.69	91.1
1017	2/8/2010 0:01	10.94	43.38	27.85	8.39	8.23	5.7	2.67	90.7
1018	2/8/2010 0:16	10.96	43.52	27.95	8.37	8.23	5.1	2.69	90.5
1019	2/8/2010 0:31	10.97	43.67	28.06	8.30	8.23	5.1	2.66	89.8
1020	2/8/2010 0:46	10.96	43.60	28.01	8.44	8.23	4.9	2.66	91.3
1021	2/8/2010 1:01	10.98	43.60	28.01	8.47	8.23	5.2	2.66	91.7
1022	2/8/2010 1:16	11.00	43.75	28.12	8.53	8.24	5.5	2.68	92.5
1023	2/8/2010 1:31	11.00	43.73	28.10	8.55	8.24	5.7	2.71	92.7
1024	2/8/2010 1:46	11.03	43.94	28.25	8.55	7.89	5.4	2.71	92.7
1025	2/8/2010 2:01	11.03	43.84	28.18	8.56	7.90	5.6	2.75	92.9
1026	2/8/2010 2:16	11.03	43.76	28.13	8.56	7.89	5.9	2.78	92.8
1027	2/8/2010 2:31	11.02	43.92	28.24	8.51	8.24	6.5	2.83	92.4
1028	2/8/2010 2:46	11.07	44.15	28.41	8.57	8.26	5.4	2.86	93.2
1029	2/8/2010 3:01	11.11	44.46	28.63	8.59	8.27	5.3	2.91	93.6
1030	2/8/2010 3:16	11.12	44.60	28.73	8.61	8.27	5.0	2.97	93.9
1031	2/8/2010 3:31	11.12	44.54	28.69	8.64	8.27	5.4	3.03	94.2
1032	2/8/2010 3:46	11.10	44.57	28.71	8.67	7.92	5.2	3.08	94.5
1033	2/8/2010 4:01	11.15	44.68	28.79	8.71	8.28	5.2	3.14	95.1
1034	2/8/2010 4:16	11.13	44.84	28.90	8.76	8.29	5.1	3.22	95.7
1035	2/8/2010 4:31	11.15	45.30	29.23	8.80	7.95	5.1	3.28	96.3
1036	2/8/2010 4:46	11.17	45.50	29.37	8.81	7.96	5.2	3.33	96.6
1037	2/8/2010 5:01	11.32	45.79	29.59	8.88	8.32	6.2	3.40	97.8
1038	2/8/2010 5:16	11.36	46.46	30.07	8.91	8.33	6.1	3.46	98.6
1039	2/8/2010 5:31	11.39	46.62	30.18	8.95	8.33	6.1	3.51	99.1
1040	2/8/2010 5:46	11.42	46.78	30.30	8.98	8.34	6.3	3.54	99.5
1041	2/8/2010 6:01	11.45	46.87	30.37	8.97	8.34	6.5	3.59	99.6
1042	2/8/2010 6:16	11.49	46.22	29.90	9.07	8.35	6.5	3.64	100.5
1043	2/8/2010 6:31	11.51	46.14	29.84	9.07	8.35	6.5	3.67	100.4
1044	2/8/2010 6:46	11.50	46.06	29.78	9.02	8.35	5.3	3.70	99.9
1045	2/8/2010 7:01	11.45	46.01	29.75	8.94	8.34	5.2	3.72	98.8
1046	2/8/2010 7:16	11.50	47.18	30.59	8.91	8.35	6.7	3.71	99.1
1047	2/8/2010 7:31	11.50	46.34	29.99	8.94	8.35	6.6	3.69	99.2
1048	2/8/2010 7:46	11.50	46.17	29.87	8.97	8.34	6.7	3.67	99.3
1049	2/8/2010 8:01	11.43	46.87	30.37	8.83	8.32	6.2	3.63	97.9
1050	2/8/2010 8:16	11.44	46.77	30.30	8.87	8.33	7.4	3.58	98.4
1051	2/8/2010 8:31	11.35	46.39	30.02	8.79	8.32	7.1	3.51	97.2
1052	2/8/2010 8:46	11.36	46.42	30.04	8.80	8.32	7.0	3.44	97.3
1053	2/8/2010 9:01	11.24	45.56	29.42	8.72	8.30	7.1	3.37	95.7
1054	2/8/2010 9:16	11.24	45.50	29.38	8.71	8.30	6.8	3.28	95.6
1055	2/8/2010 9:31	11.18	45.44	29.33	8.69	8.29	6.2	3.19	95.3
1056	2/8/2010 9:46	11.10	44.68	28.78	8.67	8.28	5.8	3.12	94.5
1057	2/8/2010 10:01	11.10	44.74	28.83	8.66	8.27	4.8	3.04	94.5
1058	2/8/2010 10:16	11.17	44.60	28.73	8.69	8.28	4.8	2.93	94.8
1059	2/8/2010 10:31	11.15	44.67	28.78	8.67	8.27	5.1	2.86	94.7

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	
1060	2/8/2010 10:46	11.18	44.60	28.73	8.74	8.27	5.0	2.76	95.4
1061	2/8/2010 11:01	11.28	44.95	28.98	8.79	8.28	4.9	2.65	96.4
1062	2/8/2010 11:16	11.17	44.29	28.51	8.77	8.26	7.1	2.56	95.6
1063	2/8/2010 11:31	11.19	44.32	28.53	8.75	8.26	5.6	2.45	95.5
1064	2/8/2010 11:46	11.22	44.24	28.48	8.76	7.93	7.0	2.34	95.6
1065	2/8/2010 12:01	11.33	44.11	28.39	8.97	8.27	6.2	2.24	98.0
1066	2/8/2010 12:16	11.37	44.03	28.33	8.95	8.27	5.9	2.13	97.8
1067	2/8/2010 12:31	11.42	44.00	28.31	9.09	8.27	5.7	2.02	99.6
1068	2/8/2010 12:46	11.52	44.01	28.33	9.24	8.29	5.7	1.92	101.4
1069	2/8/2010 13:01	11.45	43.64	28.06	9.22	8.28	5.6	1.84	100.9
1070	2/8/2010 13:16	11.51	43.77	28.15	9.33	8.30	5.6	1.75	102.3
1071	2/8/2010 13:31	11.50	43.75	28.14	9.30	7.97	5.4	1.69	101.9
1072	2/8/2010 13:46	11.49	43.50	27.96	9.19	8.28	5.3	1.62	100.5
1073	2/8/2010 14:01	11.48	43.29	27.81	9.14	8.28	5.7	1.58	99.9
1074	2/8/2010 14:16	11.45	43.42	27.90	9.02	8.27	4.9	1.56	98.6
1075	2/8/2010 14:31	11.48	43.42	27.90	9.09	8.27	5.2	1.56	99.4
1076	2/8/2010 14:46	11.46	43.34	27.85	9.11	8.27	4.9	1.57	99.5
1077	2/8/2010 15:01	11.42	43.34	27.84	9.04	8.27	5.1	1.61	98.7
1078	2/8/2010 15:16	11.36	43.27	27.79	8.96	8.26	5.3	1.63	97.6
1079	2/8/2010 15:31	11.38	42.92	27.54	8.99	8.26	6.7	1.71	97.9
1080	2/8/2010 15:46	11.37	42.72	27.40	8.92	8.25	6.0	1.76	97.0
1081	2/8/2010 16:01	11.35	42.99	27.59	8.85	8.25	6.1	1.80	96.3
1082	2/8/2010 16:16	11.33	43.04	27.63	8.80	8.25	6.0	1.87	95.8
1083	2/8/2010 16:31	11.32	42.69	27.38	8.76	8.24	6.5	1.94	95.2
1084	2/8/2010 16:46	11.30	42.94	27.55	8.76	8.24	5.9	1.99	95.2
1085	2/8/2010 17:01	11.29	43.16	27.71	8.72	8.24	5.5	2.06	94.8
1086	2/8/2010 17:16	11.26	43.18	27.72	8.70	8.24	5.2	2.13	94.5
1087	2/8/2010 17:31	11.25	43.43	27.90	8.66	8.24	5.3	2.21	94.3
1088	2/8/2010 17:46	11.26	43.43	27.90	8.67	8.25	5.6	2.27	94.3
1089	2/8/2010 18:01	11.26	43.83	28.19	8.69	7.91	6.0	2.34	94.7
1090	2/8/2010 18:16	11.24	44.03	28.32	8.68	8.26	6.2	2.40	94.7
1091	2/8/2010 18:31	11.23	43.98	28.29	8.71	8.26	6.2	2.48	95.0
1092	2/8/2010 18:46	11.22	44.06	28.35	8.72	8.26	5.8	2.55	95.0
1093	2/8/2010 19:01	11.20	44.06	28.34	8.73	8.27	6.0	2.61	95.2
1094	2/8/2010 19:16	11.21	44.33	28.54	8.68	8.27	6.2	2.67	94.8
1095	2/8/2010 19:31	11.21	44.25	28.48	8.67	8.27	6.1	2.73	94.6
1096	2/8/2010 19:46	11.22	44.32	28.53	8.69	8.27	7.1	2.80	94.8
1097	2/8/2010 20:01	11.22	44.56	28.70	8.72	8.28	7.6	2.85	95.3
1098	2/8/2010 20:16	11.24	44.59	28.72	8.73	8.28	8.1	2.91	95.5
1099	2/8/2010 20:31	11.24	44.75	28.84	8.73	8.28	7.3	2.96	95.5
1100	2/8/2010 20:46	11.25	44.59	28.73	8.74	8.28	7.1	3.01	95.6
1101	2/8/2010 21:01	11.27	44.86	28.92	8.77	8.29	6.7	3.04	96.0
1102	2/8/2010 21:16	11.28	44.99	29.01	8.75	8.29	6.3	3.06	96.0
1103	2/8/2010 21:31	11.31	45.27	29.22	8.72	8.30	5.6	3.07	95.8
1104	2/8/2010 21:46	11.27	45.02	29.04	8.66	8.29	5.9	3.09	94.9
1105	2/8/2010 22:01	11.29	44.99	29.01	8.66	8.29	5.4	3.09	95.0
1106	2/8/2010 22:16	11.30	45.40	29.31	8.65	8.29	6.8	3.07	95.1
1107	2/8/2010 22:31	11.28	45.26	29.21	8.66	7.95	5.9	3.04	95.1
1108	2/8/2010 22:46	11.27	45.13	29.11	8.62	7.95	6.1	3.00	94.6
1109	2/8/2010 23:01	11.21	44.51	28.67	8.60	8.27	5.5	2.96	94.0
1110	2/8/2010 23:16	11.21	44.42	28.60	8.62	8.27	5.7	2.90	94.1
1111	2/8/2010 23:31	11.18	44.41	28.59	8.54	8.26	5.6	2.85	93.2
1112	2/8/2010 23:46	11.15	44.25	28.48	8.51	8.25	5.7	2.81	92.7

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	
1113	2/9/2010 0:01	11.20	44.25	28.48	8.52	8.26	4.6	2.78	93.0
1114	2/9/2010 0:16	11.19	44.13	28.39	8.53	8.26	5.2	2.73	93.0
1115	2/9/2010 0:31	11.13	44.12	28.38	8.50	8.25	5.4	2.69	92.5
1116	2/9/2010 0:46	11.14	44.07	28.35	8.51	8.25	4.9	2.67	92.6
1117	2/9/2010 1:01	11.12	43.88	28.21	8.51	8.25	4.9	2.66	92.6
1118	2/9/2010 1:16	11.12	44.03	28.32	8.47	8.25	4.5	2.63	92.1
1119	2/9/2010 1:31	11.15	43.76	28.13	8.46	8.25	4.3	2.62	92.0
1120	2/9/2010 1:46	11.18	44.04	28.33	8.43	8.26	4.1	2.62	91.9
1121	2/9/2010 2:01	11.18	44.20	28.44	8.49	8.26	4.0	2.61	92.6
1122	2/9/2010 2:16	11.07	43.75	28.12	8.48	8.25	4.5	2.62	92.0
1123	2/9/2010 2:31	11.06	43.74	28.11	8.51	8.24	4.0	2.64	92.3
1124	2/9/2010 2:46	11.08	43.98	28.29	8.44	8.24	4.9	2.66	91.7
1125	2/9/2010 3:01	11.15	44.05	28.33	8.54	8.26	4.9	2.69	92.9
1126	2/9/2010 3:16	11.16	44.26	28.48	8.52	8.26	5.1	2.73	92.9
1127	2/9/2010 3:31	11.09	44.28	28.50	8.55	8.26	5.1	2.77	93.1
1128	2/9/2010 3:46	11.18	44.36	28.56	8.57	8.27	6.2	2.81	93.5
1129	2/9/2010 4:01	11.20	44.59	28.72	8.64	8.28	5.1	2.86	94.4
1130	2/9/2010 4:16	11.21	44.83	28.89	8.65	8.28	5.4	2.92	94.6
1131	2/9/2010 4:31	11.20	44.91	28.95	8.67	8.28	4.7	2.97	94.8
1132	2/9/2010 4:46	11.19	44.90	28.95	8.68	8.28	4.6	3.03	95.0
1133	2/9/2010 5:01	11.21	45.18	29.14	8.74	8.29	4.8	3.10	95.8
1134	2/9/2010 5:16	11.13	45.24	29.19	8.75	7.94	4.8	3.16	95.7
1135	2/9/2010 5:31	11.09	45.10	29.08	8.80	8.30	4.5	3.22	96.1
1136	2/9/2010 5:46	11.18	45.52	29.39	8.81	8.31	4.8	3.28	96.6
1137	2/9/2010 6:01	11.21	45.46	29.35	8.84	8.31	4.8	3.34	97.0
1138	2/9/2010 6:16	11.22	46.04	29.76	8.86	8.04	5.1	3.41	97.5
1139	2/9/2010 6:31	11.24	46.03	29.75	8.89	8.32	4.9	3.46	97.9
1140	2/9/2010 6:46	11.34	46.36	30.00	8.94	8.33	5.9	3.52	98.7
1141	2/9/2010 7:01	11.42	46.65	30.20	8.96	8.34	6.2	3.56	99.2
1142	2/9/2010 7:16	11.44	46.99	30.45	8.96	8.34	6.3	3.61	99.5
1143	2/9/2010 7:31	11.48	46.96	30.43	8.96	8.34	7.0	3.65	99.5
1144	2/9/2010 7:46	11.48	47.02	30.47	8.95	8.35	6.2	3.68	99.5
1145	2/9/2010 8:01	11.47	47.05	30.50	8.91	8.35	5.9	3.70	99.0
1146	2/9/2010 8:16	11.45	46.92	30.40	8.86	8.34	5.9	3.71	98.3
1147	2/9/2010 8:31	11.47	47.12	30.55	8.84	8.34	6.5	3.70	98.3
1148	2/9/2010 8:46	11.47	46.98	30.45	8.89	8.34	7.4	3.68	98.8
1149	2/9/2010 9:01	11.47	46.98	30.44	8.86	8.34	6.8	3.64	98.5
1150	2/9/2010 9:16	11.41	46.62	30.19	8.82	8.34	7.4	3.59	97.7
1151	2/9/2010 9:31	11.32	46.44	30.05	8.80	8.32	7.0	3.52	97.2
1152	2/9/2010 9:46	11.28	46.19	29.87	8.80	8.32	7.0	3.46	97.0
1153	2/9/2010 10:01	11.19	45.42	29.32	8.77	8.30	6.3	3.38	96.1
1154	2/9/2010 10:16	11.26	45.72	29.53	8.79	8.31	6.4	3.28	96.6
1155	2/9/2010 10:31	11.16	45.38	29.29	8.74	8.30	7.0	3.19	95.7
1156	2/9/2010 10:46	11.13	44.92	28.96	8.69	8.28	6.9	3.11	94.9
1157	2/9/2010 11:01	11.21	44.50	28.66	8.72	8.27	5.6	3.00	95.2
1158	2/9/2010 11:16	11.24	44.81	28.88	8.76	8.28	4.8	2.90	95.9
1159	2/9/2010 11:31	11.31	44.34	28.55	8.78	8.27	4.9	2.80	96.1
1160	2/9/2010 11:46	11.38	44.48	28.65	8.79	8.27	5.8	2.69	96.4
1161	2/9/2010 12:01	11.49	44.64	28.77	8.92	8.28	4.5	2.58	98.0
1162	2/9/2010 12:16	11.73	44.80	28.89	8.98	8.29	4.7	2.48	99.3
1163	2/9/2010 12:31	11.64	44.45	28.64	8.92	8.28	5.4	2.38	98.4
1164	2/9/2010 12:46	11.81	44.44	28.64	9.08	8.29	4.9	2.26	100.5
1165	2/9/2010 13:01	11.92	44.16	28.45	9.09	8.02	5.4	2.15	100.7

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	
1166	2/9/2010 13:16	12.15	44.24	28.51	9.43	8.04	5.0	2.04	105.0
1167	2/9/2010 13:31	11.97	44.07	28.39	9.23	8.03	5.4	1.93	102.3
1168	2/9/2010 13:46	12.11	43.84	28.22	9.40	8.05	5.4	1.82	104.4
1169	2/9/2010 14:01	12.27	44.07	28.39	9.47	8.06	5.6	1.72	105.6
1170	2/9/2010 14:16	12.16	43.63	28.08	9.43	8.31	5.6	1.64	104.8
1171	2/9/2010 14:31	12.18	43.61	28.06	9.41	8.31	5.9	1.58	104.6
1172	2/9/2010 14:46	12.12	43.69	28.12	9.35	8.30	5.6	1.51	103.7
1173	2/9/2010 15:01	12.14	43.51	27.99	9.35	8.30	5.5	1.49	103.7
1174	2/9/2010 15:16	12.13	43.59	28.05	9.23	8.04	4.2	1.47	102.4
1175	2/9/2010 15:31	12.15	43.68	28.11	9.37	8.30	4.8	1.48	104.1
1176	2/9/2010 15:46	12.04	43.73	28.15	9.31	8.29	4.4	1.50	103.2
1177	2/9/2010 16:01	11.93	43.54	28.00	9.23	8.28	4.3	1.53	102.0
1178	2/9/2010 16:16	11.86	43.54	28.00	9.18	8.28	4.5	1.59	101.2
1179	2/9/2010 16:31	11.83	43.46	27.95	9.16	8.28	4.4	1.64	100.9
1180	2/9/2010 16:46	11.83	43.08	27.67	9.16	8.27	4.6	1.70	100.7
1181	2/9/2010 17:01	11.79	42.95	27.58	9.08	8.26	5.5	1.77	99.8
1182	2/9/2010 17:16	11.74	42.96	27.59	9.03	8.26	5.5	1.84	99.1
1183	2/9/2010 17:31	11.72	42.92	27.56	9.01	8.26	5.6	1.91	98.8
1184	2/9/2010 17:46	11.72	43.01	27.62	8.99	8.26	5.1	1.98	98.7
1185	2/9/2010 18:01	11.72	43.09	27.68	8.96	8.26	5.2	2.05	98.4
1186	2/9/2010 18:16	11.68	43.27	27.81	8.91	8.26	5.6	2.12	97.8
1187	2/9/2010 18:31	11.65	43.36	27.86	8.89	8.26	6.2	2.20	97.5
1188	2/9/2010 18:46	11.62	43.60	28.04	8.87	7.90	6.5	2.27	97.4
1189	2/9/2010 19:01	11.58	43.78	28.16	8.81	8.26	5.7	2.36	96.7
1190	2/9/2010 19:16	11.56	43.66	28.08	8.85	8.26	6.1	2.43	97.0
1191	2/9/2010 19:31	11.51	43.68	28.09	8.87	8.26	5.9	2.50	97.2
1192	2/9/2010 19:46	11.48	44.17	28.44	8.80	7.89	6.0	2.57	96.5
1193	2/9/2010 20:01	11.46	44.22	28.47	8.81	8.27	7.8	2.64	96.6
1194	2/9/2010 20:16	11.44	44.11	28.39	8.80	8.27	6.9	2.72	96.4
1195	2/9/2010 20:31	11.43	44.40	28.60	8.81	8.28	7.4	2.79	96.6
1196	2/9/2010 20:46	11.40	44.60	28.74	8.83	8.28	7.0	2.86	96.9
1197	2/9/2010 21:01	11.38	44.74	28.84	8.82	7.91	7.1	2.91	96.8
1198	2/9/2010 21:16	11.38	44.68	28.80	8.84	8.29	7.0	2.97	97.0
1199	2/9/2010 21:31	11.39	44.70	28.81	8.84	8.29	7.1	3.03	97.0
1200	2/9/2010 21:46	11.43	44.86	28.92	8.85	8.29	6.3	3.06	97.3
1201	2/9/2010 22:01	11.44	44.93	28.97	8.86	8.30	6.5	3.11	97.4
1202	2/9/2010 22:16	11.46	45.33	29.27	8.83	8.30	4.8	3.13	97.3
1203	2/9/2010 22:31	11.46	45.17	29.15	8.76	8.30	5.3	3.13	96.5
1204	2/9/2010 22:46	11.48	45.39	29.30	8.73	8.30	5.4	3.14	96.3
1205	2/9/2010 23:01	11.47	45.19	29.16	8.79	8.30	6.3	3.10	96.8
1206	2/9/2010 23:16	11.38	45.02	29.04	8.68	8.29	5.9	3.07	95.4
1207	2/9/2010 23:31	11.35	44.71	28.81	8.69	8.28	6.1	3.03	95.3
1208	2/9/2010 23:46	11.37	44.44	28.63	8.70	8.28	6.3	2.98	95.3
1209	2/10/2010 0:01	11.37	44.28	28.51	8.68	8.27	6.8	2.92	95.0
1210	2/10/2010 0:16	11.30	44.20	28.45	8.61	8.26	6.6	2.87	94.1
1211	2/10/2010 0:31	11.33	44.35	28.56	8.62	8.26	6.4	2.81	94.3
1212	2/10/2010 0:46	11.36	44.33	28.54	8.64	8.26	6.8	2.75	94.6
1213	2/10/2010 1:01	11.37	44.02	28.32	8.61	8.26	5.4	2.71	94.2
1214	2/10/2010 1:16	11.33	43.90	28.24	8.64	7.99	6.0	2.67	94.4
1215	2/10/2010 1:31	11.30	43.94	28.27	8.62	8.25	5.8	2.62	94.1
1216	2/10/2010 1:46	11.30	43.80	28.16	8.62	8.25	5.3	2.58	94.1
1217	2/10/2010 2:01	11.33	43.70	28.10	8.63	8.25	4.6	2.57	94.1
1218	2/10/2010 2:16	11.33	43.71	28.10	8.62	8.25	4.4	2.55	94.1

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	
1219	2/10/2010 2:31	11.32	43.28	27.80	8.62	8.25	4.4	2.51	93.9
1220	2/10/2010 2:46	11.32	43.48	27.94	8.57	8.25	4.2	2.50	93.4
1221	2/10/2010 3:01	11.38	43.60	28.03	8.70	8.26	4.1	2.51	95.0
1222	2/10/2010 3:16	11.27	43.34	27.84	8.66	8.25	4.2	2.50	94.3
1223	2/10/2010 3:31	11.22	43.21	27.74	8.69	8.25	3.9	2.51	94.4
1224	2/10/2010 3:46	11.21	43.36	27.85	8.64	8.25	5.1	2.54	93.9
1225	2/10/2010 4:01	11.25	43.80	28.16	8.57	8.25	6.1	2.58	93.4
1226	2/10/2010 4:16	11.23	43.45	27.91	8.67	8.26	6.1	2.61	94.3
1227	2/10/2010 4:31	11.26	43.42	27.89	8.67	8.26	5.2	2.66	94.3
1228	2/10/2010 4:46	11.31	43.68	28.08	8.64	8.26	5.4	2.73	94.3
1229	2/10/2010 5:01	11.33	43.78	28.15	8.69	8.27	5.5	2.79	94.8
1230	2/10/2010 5:16	11.28	44.21	28.45	8.72	8.28	5.8	2.85	95.3
1231	2/10/2010 5:31	11.20	43.96	28.27	8.77	8.28	5.5	2.91	95.5
1232	2/10/2010 5:46	11.31	44.36	28.57	8.80	8.29	5.1	2.98	96.3
1233	2/10/2010 6:01	11.31	44.95	28.98	8.83	7.92	5.1	3.06	96.9
1234	2/10/2010 6:16	11.29	44.88	28.94	8.87	8.31	4.7	3.12	97.2
1235	2/10/2010 6:31	11.28	45.00	29.02	8.88	8.31	4.9	3.19	97.4
1236	2/10/2010 6:46	11.23	45.01	29.02	8.91	8.31	4.6	3.26	97.6
1237	2/10/2010 7:01	11.45	45.87	29.65	8.90	8.33	5.4	3.31	98.4
1238	2/10/2010 7:16	11.48	45.90	29.67	8.91	8.33	5.4	3.37	98.5
1239	2/10/2010 7:31	11.44	45.96	29.71	8.91	8.33	5.7	3.44	98.5
1240	2/10/2010 7:46	11.51	46.22	29.90	8.94	8.34	6.7	3.50	99.1
1241	2/10/2010 8:01	11.54	46.20	29.89	8.96	8.34	6.6	3.54	99.3
1242	2/10/2010 8:16	11.54	46.32	29.98	8.96	8.35	6.9	3.58	99.3
1243	2/10/2010 8:31	11.54	46.35	29.99	8.97	8.35	6.5	3.64	99.5
1244	2/10/2010 8:46	11.53	46.54	30.14	8.97	8.35	6.2	3.67	99.6
1245	2/10/2010 9:01	11.51	46.57	30.16	8.95	8.35	4.8	3.69	99.3
1246	2/10/2010 9:16	11.50	46.67	30.22	8.91	8.35	3.9	3.71	98.9
1247	2/10/2010 9:31	11.50	46.46	30.08	8.89	8.35	5.1	3.69	98.6
1248	2/10/2010 9:46	11.52	46.43	30.05	8.90	8.35	6.3	3.68	98.7
1249	2/10/2010 10:01	11.51	46.47	30.08	8.87	8.34	6.5	3.63	98.4
1250	2/10/2010 10:16	11.36	45.84	29.62	8.83	8.32	6.0	3.57	97.4
1251	2/10/2010 10:31	11.39	45.74	29.55	8.82	8.32	5.9	3.50	97.3
1252	2/10/2010 10:46	11.36	45.40	29.31	8.84	8.32	7.1	3.41	97.3
1253	2/10/2010 11:01	11.35	45.32	29.25	8.83	8.31	7.8	3.31	97.1
1254	2/10/2010 11:16	11.28	44.79	28.87	8.82	8.30	6.3	3.22	96.6
1255	2/10/2010 11:31	11.30	44.32	28.54	8.86	8.29	5.9	3.12	96.9
1256	2/10/2010 11:46	11.32	44.53	28.68	8.86	8.29	5.6	3.01	97.0
1257	2/10/2010 12:01	11.37	44.30	28.53	8.90	8.29	4.7	2.90	97.5
1258	2/10/2010 12:16	11.36	44.32	28.54	8.87	8.29	5.9	2.80	97.1
1259	2/10/2010 12:31	11.41	44.42	28.61	8.89	8.29	5.2	2.69	97.5
1260	2/10/2010 12:46	11.37	44.18	28.44	8.95	8.28	6.5	2.57	98.0
1261	2/10/2010 13:01	11.37	43.87	28.22	8.93	8.28	6.4	2.46	97.6
1262	2/10/2010 13:16	11.38	44.02	28.33	9.00	8.29	6.4	2.35	98.4
1263	2/10/2010 13:31	11.42	44.12	28.40	9.11	8.30	6.2	2.24	99.8
1264	2/10/2010 13:46	11.40	43.96	28.28	9.12	8.29	7.0	2.12	99.8
1265	2/10/2010 14:01	11.39	43.71	28.10	9.24	8.30	7.3	1.98	101.0
1266	2/10/2010 14:16	11.40	43.78	28.15	9.31	8.31	7.9	1.87	101.8
1267	2/10/2010 14:31	11.40	43.53	27.98	9.32	8.31	7.7	1.76	101.8
1268	2/10/2010 14:46	11.42	43.60	28.03	9.32	7.93	8.2	1.64	101.9
1269	2/10/2010 15:01	11.39	43.47	27.93	9.23	7.92	10.1	1.54	100.8
1270	2/10/2010 15:16	11.41	43.30	27.82	9.19	8.29	12.1	1.47	100.3
1271	2/10/2010 15:31	11.41	43.04	27.63	9.20	8.29	13.9	1.40	100.2

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	
1272	2/10/2010 15:46	11.40	42.90	27.53	9.15	8.29	12.6	1.36	99.6
1273	2/10/2010 16:01	11.40	43.08	27.66	9.11	8.29	9.6	1.33	99.3
1274	2/10/2010 16:16	11.39	43.04	27.63	9.22	8.29	8.4	1.36	100.5
1275	2/10/2010 16:31	11.37	43.07	27.65	9.20	8.29	6.5	1.39	100.2
1276	2/10/2010 16:46	11.36	43.17	27.72	9.15	8.28	5.7	1.42	99.7
1277	2/10/2010 17:01	11.33	43.09	27.66	9.14	8.28	5.8	1.48	99.5
1278	2/10/2010 17:16	11.31	42.84	27.48	9.11	8.28	6.5	1.57	99.0
1279	2/10/2010 17:31	11.29	42.48	27.23	9.11	8.27	7.1	1.64	98.8
1280	2/10/2010 17:46	11.28	41.99	26.88	9.08	8.27	7.1	1.70	98.3
1281	2/10/2010 18:01	11.28	42.06	26.93	9.07	8.27	7.5	1.78	98.2
1282	2/10/2010 18:16	11.29	42.33	27.12	9.04	8.27	7.4	1.86	98.0
1283	2/10/2010 18:31	11.29	42.30	27.10	9.03	8.27	7.3	1.94	97.8
1284	2/10/2010 18:46	11.30	42.99	27.59	8.97	8.27	7.1	2.02	97.5
1285	2/10/2010 19:01	11.31	43.21	27.74	8.92	8.27	6.8	2.10	97.1
1286	2/10/2010 19:16	11.32	43.21	27.74	8.91	8.27	6.5	2.20	97.0
1287	2/10/2010 19:31	11.32	43.58	28.01	8.88	8.27	6.6	2.28	96.9
1288	2/10/2010 19:46	11.30	43.55	27.99	8.89	7.88	6.5	2.36	96.9
1289	2/10/2010 20:01	11.30	43.52	27.96	8.89	8.28	6.9	2.44	96.9
1290	2/10/2010 20:16	11.31	43.83	28.19	8.88	8.28	6.9	2.53	96.9
1291	2/10/2010 20:31	11.32	43.80	28.17	8.87	8.28	7.6	2.60	96.8
1292	2/10/2010 20:46	11.31	44.22	28.46	8.86	8.28	8.4	2.68	96.9
1293	2/10/2010 21:01	11.32	44.39	28.58	8.85	7.89	8.0	2.76	96.9
1294	2/10/2010 21:16	11.33	44.23	28.47	8.87	8.29	8.8	2.83	97.0
1295	2/10/2010 21:31	11.31	44.46	28.63	8.89	8.29	9.2	2.90	97.3
1296	2/10/2010 21:46	11.31	44.56	28.71	8.89	8.30	9.2	2.96	97.4
1297	2/10/2010 22:01	11.34	44.69	28.80	8.90	8.30	8.0	3.02	97.5
1298	2/10/2010 22:16	11.37	44.94	28.98	8.91	8.31	7.9	3.09	97.8
1299	2/10/2010 22:31	11.39	45.58	29.44	8.90	8.32	8.2	3.14	98.1
1300	2/10/2010 22:46	11.41	45.60	29.46	8.93	8.33	7.3	3.17	98.5
1301	2/10/2010 23:01	11.42	45.65	29.49	8.93	8.06	6.7	3.21	98.5
1302	2/10/2010 23:16	11.40	45.96	29.71	8.83	8.05	6.7	3.20	97.5
1303	2/10/2010 23:31	11.41	45.59	29.44	8.87	8.33	6.8	3.21	97.8
1304	2/10/2010 23:46	11.41	45.64	29.49	8.88	8.33	6.3	3.18	97.9
1305	2/11/2010 0:01	11.37	45.41	29.32	8.84	8.32	5.9	3.13	97.3
1306	2/11/2010 0:16	11.21	44.31	28.52	8.75	8.28	6.7	3.08	95.5
1307	2/11/2010 0:31	11.21	44.08	28.36	8.75	8.28	6.7	3.03	95.4
1308	2/11/2010 0:46	11.20	44.26	28.49	8.75	7.89	5.7	2.96	95.5
1309	2/11/2010 1:01	11.23	44.07	28.35	8.74	8.28	6.5	2.89	95.3
1310	2/11/2010 1:16	11.24	44.11	28.38	8.73	8.28	6.0	2.82	95.3
1311	2/11/2010 1:31	11.23	43.83	28.18	8.71	8.27	6.3	2.77	95.0
1312	2/11/2010 1:46	11.19	43.73	28.11	8.66	8.26	7.9	2.71	94.3
1313	2/11/2010 2:01	11.15	43.64	28.04	8.72	8.26	8.0	2.64	94.7
1314	2/11/2010 2:16	11.15	43.36	27.85	8.76	8.26	8.0	2.60	95.1
1315	2/11/2010 2:31	11.13	43.35	27.84	8.78	8.26	7.4	2.56	95.2
1316	2/11/2010 2:46	11.12	43.24	27.76	8.78	8.26	7.0	2.51	95.2
1317	2/11/2010 3:01	11.09	43.28	27.79	8.79	8.26	7.1	2.48	95.2
1318	2/11/2010 3:16	11.10	42.92	27.53	8.76	8.26	6.0	2.46	94.7
1319	2/11/2010 3:31	11.11	43.25	27.76	8.75	8.26	5.3	2.44	94.9
1320	2/11/2010 3:46	11.17	43.85	28.19	8.69	7.86	5.2	2.43	94.6
1321	2/11/2010 4:01	11.08	43.34	27.83	8.82	8.26	5.4	2.44	95.6
1322	2/11/2010 4:16	11.09	43.17	27.71	8.83	8.26	5.4	2.44	95.6
1323	2/11/2010 4:31	11.09	43.33	27.82	8.81	8.26	5.8	2.48	95.5
1324	2/11/2010 4:46	11.16	43.61	28.02	8.75	8.26	5.9	2.51	95.1

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	
1325	2/11/2010 5:01	11.09	43.53	27.97	8.82	7.86	6.2	2.54	95.7
1326	2/11/2010 5:16	11.11	43.34	27.83	8.81	8.27	6.7	2.61	95.5
1327	2/11/2010 5:31	11.18	43.70	28.09	8.74	8.27	6.7	2.66	95.1
1328	2/11/2010 5:46	11.14	43.79	28.15	8.82	8.28	7.1	2.71	95.9
1329	2/11/2010 6:01	11.16	43.96	28.28	8.85	8.29	6.4	2.78	96.3
1330	2/11/2010 6:16	11.24	44.48	28.65	8.83	8.30	5.8	2.83	96.5
1331	2/11/2010 6:31	11.26	44.74	28.83	8.86	8.30	6.5	2.90	97.0
1332	2/11/2010 6:46	11.28	45.10	29.09	8.87	8.31	6.3	2.97	97.3
1333	2/11/2010 7:01	11.28	45.10	29.09	8.89	8.31	5.7	3.05	97.6
1334	2/11/2010 7:16	11.30	45.15	29.12	8.91	8.32	5.7	3.12	97.8
1335	2/11/2010 7:31	11.34	45.51	29.39	8.91	8.33	7.0	3.20	98.0
1336	2/11/2010 7:46	11.32	45.43	29.33	8.94	8.33	9.2	3.27	98.3
1337	2/11/2010 8:01	11.34	45.70	29.52	8.97	8.34	9.2	3.34	98.8
1338	2/11/2010 8:16	11.35	46.05	29.77	8.98	8.34	7.9	3.42	99.1
1339	2/11/2010 8:31	11.36	46.02	29.75	9.01	8.35	7.6	3.48	99.4
1340	2/11/2010 8:46	11.38	46.39	30.02	9.04	8.36	7.9	3.55	100.0
1341	2/11/2010 9:01	11.40	46.62	30.18	9.05	8.36	7.3	3.60	100.3
1342	2/11/2010 9:16	11.40	46.47	30.08	9.07	8.37	7.6	3.64	100.4
	Mean	11.18	43.14	27.69	8.71	8.21	11.5	2.75	94.5
	Minimum	10.49	37.35	23.61	8.18	7.86	3.9	0.92	87.0
	Maximum	12.27	47.99	31.19	9.47	8.37	43.0	4.28	105.6

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	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
0	2/11/2010 9:31	11.49	39.62	25.22	9.00	7.98		3.84	96.8
1	2/11/2010 9:46	11.49	39.66	25.24	9.13	7.99	4.3	3.85	98.2
2	2/11/2010 10:01	11.51	40.32	25.71	9.06	8.01	3.6	3.86	97.8
3	2/11/2010 10:16	11.50	40.69	25.97	8.97	8.00	3.8	3.86	97.0
4	2/11/2010 10:31	11.51	41.11	26.27	8.97	8.01	4.0	3.85	97.1
5	2/11/2010 10:46	11.50	41.71	26.69	8.95	8.00	4.3	3.78	97.1
6	2/11/2010 11:01	11.46	41.67	26.66	8.97	7.98	4.5	3.73	97.3
7	2/11/2010 11:16	11.48	42.17	27.02	8.99	7.99	4.7	3.66	97.7
8	2/11/2010 11:31	11.47	42.21	27.04	8.98	7.98	5.4	3.56	97.6
9	2/11/2010 11:46	11.46	42.23	27.06	8.98	7.98	6.2	3.48	97.7
10	2/11/2010 12:01	11.46	42.41	27.18	8.96	7.97	6.7	3.36	97.5
11	2/11/2010 12:16	11.39	42.08	26.95	8.91	7.93	7.1	3.26	96.7
12	2/11/2010 12:31	11.43	42.02	26.91	8.93	7.95	7.1	3.16	97.0
13	2/11/2010 12:46	11.44	42.25	27.07	8.93	7.93	12.0	3.04	97.0
14	2/11/2010 13:01	11.47	42.26	27.08	8.94	7.93	14.1	2.94	97.2
15	2/11/2010 13:16	11.53	42.25	27.08	8.97	7.94	15.8	2.81	97.7
16	2/11/2010 13:31	11.50	42.12	26.98	8.97	7.92	18.9	2.69	97.5
17	2/11/2010 13:46	11.49	41.97	26.88	9.00	7.94	25.6	2.59	97.8
18	2/11/2010 14:01	11.45	41.90	26.82	8.98	7.93	33.5	2.46	97.5
19	2/11/2010 14:16	11.43	41.92	26.84	9.01	7.91	30.8	2.33	97.7
20	2/11/2010 14:31	11.40	41.74	26.71	9.03	7.91	35.0	2.21	97.8
21	2/11/2010 14:46	11.42	41.96	26.86	9.03	7.91	40.1	2.09	97.9
22	2/11/2010 15:01	11.39	41.81	26.76	9.05	7.91	44.0	1.97	98.1
23	2/11/2010 15:16	11.37	41.75	26.71	9.05	7.91	40.3	1.85	98.0
24	2/11/2010 15:31	11.34	41.56	26.58	9.03	7.90	36.4	1.75	97.7
25	2/11/2010 15:46	11.34	41.37	26.44	9.04	7.92	35.4	1.66	97.7
26	2/11/2010 16:01	11.34	41.32	26.41	9.02	7.91	29.6	1.60	97.4
27	2/11/2010 16:16	11.34	41.37	26.45	9.01	7.91	24.0	1.54	97.3
28	2/11/2010 16:31	11.34	41.31	26.40	8.99	7.91	23.1	1.52	97.1
29	2/11/2010 16:46	11.34	41.31	26.40	9.00	7.91	19.5	1.51	97.2
30	2/11/2010 17:01	11.34	41.42	26.48	9.01	7.91	19.2	1.54	97.3
31	2/11/2010 17:16	11.33	41.30	26.40	8.99	7.91	18.5	1.57	97.1
32	2/11/2010 17:31	11.33	41.48	26.52	8.99	7.91	17.0	1.63	97.1
33	2/11/2010 17:46	11.31	41.18	26.31	9.02	7.89	17.0	1.72	97.3
34	2/11/2010 18:01	11.27	39.68	25.25	9.13	7.89	12.9	1.77	97.7
35	2/11/2010 18:16	11.29	40.17	25.60	9.06	7.91	12.8	1.87	97.2
36	2/11/2010 18:31	11.31	40.91	26.12	8.99	7.91	12.8	1.95	96.8
37	2/11/2010 18:46	11.31	40.89	26.11	8.97	7.91	11.9	2.03	96.6
38	2/11/2010 19:01	11.32	41.12	26.27	8.95	7.91	11.5	2.12	96.5
39	2/11/2010 19:16	11.34	41.35	26.43	8.92	7.91	10.9	2.19	96.3
40	2/11/2010 19:31	11.33	41.59	26.60	8.92	7.92	11.5	2.29	96.4
41	2/11/2010 19:46	11.32	41.73	26.70	8.93	7.89	10.5	2.37	96.6
42	2/11/2010 20:01	11.30	41.63	26.62	8.93	7.91	11.4	2.46	96.5
43	2/11/2010 20:16	11.35	42.24	27.06	8.86	7.89	11.7	2.55	96.1
44	2/11/2010 20:31	11.37	42.40	27.18	8.85	7.89	12.5	2.64	96.1
45	2/11/2010 20:46	11.35	42.45	27.21	8.85	7.89	16.5	2.72	96.0
46	2/11/2010 21:01	11.36	42.53	27.26	8.84	7.92	13.9	2.80	96.0
47	2/11/2010 21:16	11.37	42.68	27.38	8.84	7.93	15.8	2.88	96.1
48	2/11/2010 21:31	11.37	42.85	27.49	8.85	7.94	17.4	2.96	96.3
49	2/11/2010 21:46	11.38	43.23	27.76	8.85	7.92	14.0	3.04	96.5
50	2/11/2010 22:01	11.39	43.30	27.81	8.86	7.95	12.3	3.11	96.6
51	2/11/2010 22:16	11.40	43.30	27.81	8.87	7.96	10.7	3.20	96.8
52	2/11/2010 22:31	11.43	43.75	28.14	8.89	7.97	11.3	3.26	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	DO%
			mS/cm		mg/L		NTU	meters	
53	2/11/2010 22:46	11.44	44.10	28.38	8.89	7.98	11.2	3.34	97.4
54	2/11/2010 23:01	11.46	44.39	28.59	8.89	7.96	8.5	3.37	97.6
55	2/11/2010 23:16	11.47	44.42	28.61	8.89	7.99	7.1	3.42	97.6
56	2/11/2010 23:31	11.47	44.50	28.67	8.87	7.99	6.0	3.45	97.4
57	2/11/2010 23:46	11.45	44.26	28.50	8.85	7.98	6.0	3.46	97.0
58	2/12/2010 0:01	11.47	44.41	28.60	8.80	7.99	6.2	3.45	96.6
59	2/12/2010 0:16	11.47	44.64	28.77	8.80	7.96	5.9	3.42	96.7
60	2/12/2010 0:31	11.39	44.13	28.40	8.78	7.94	6.5	3.37	96.1
61	2/12/2010 0:46	11.28	43.20	27.73	8.80	7.91	8.5	3.33	95.7
62	2/12/2010 1:01	11.28	43.25	27.78	8.79	7.91	7.2	3.25	95.7
63	2/12/2010 1:16	11.27	42.86	27.50	8.81	7.93	7.0	3.18	95.6
64	2/12/2010 1:31	11.26	42.91	27.53	8.78	7.92	8.2	3.11	95.3
65	2/12/2010 1:46	11.26	42.88	27.51	8.76	7.93	7.7	3.03	95.1
66	2/12/2010 2:01	11.25	43.00	27.59	8.77	7.90	7.4	2.98	95.3
67	2/12/2010 2:16	11.19	42.74	27.40	8.75	7.89	7.5	2.91	94.8
68	2/12/2010 2:31	11.17	42.44	27.19	8.75	7.91	7.3	2.85	94.6
69	2/12/2010 2:46	11.19	42.49	27.23	8.78	7.91	7.0	2.78	95.0
70	2/12/2010 3:01	11.11	42.48	27.22	8.75	7.88	6.7	2.76	94.5
71	2/12/2010 3:16	11.14	42.34	27.12	8.78	7.88	6.5	2.69	94.8
72	2/12/2010 3:31	11.08	42.15	26.98	8.75	7.90	6.7	2.65	94.4
73	2/12/2010 3:46	11.07	42.19	27.01	8.75	7.90	6.3	2.62	94.3
74	2/12/2010 4:01	11.07	42.06	26.92	8.76	7.87	6.1	2.59	94.3
75	2/12/2010 4:16	11.07	42.03	26.90	8.77	7.87	6.0	2.54	94.4
76	2/12/2010 4:31	11.07	42.10	26.95	8.75	7.87	5.7	2.53	94.3
77	2/12/2010 4:46	11.16	42.47	27.22	8.66	7.87	5.9	2.54	93.7
78	2/12/2010 5:01	11.04	41.96	26.85	8.79	7.90	6.1	2.54	94.5
79	2/12/2010 5:16	11.17	42.50	27.24	8.71	7.88	6.6	2.56	94.2
80	2/12/2010 5:31	11.10	42.47	27.21	8.73	7.87	6.5	2.59	94.3
81	2/12/2010 5:46	11.08	42.26	27.06	8.76	7.90	6.6	2.63	94.5
82	2/12/2010 6:01	11.08	42.17	27.00	8.78	7.91	7.7	2.69	94.6
83	2/12/2010 6:16	11.13	42.35	27.13	8.74	7.91	6.9	2.76	94.4
84	2/12/2010 6:31	11.17	42.68	27.36	8.73	7.92	7.0	2.81	94.5
85	2/12/2010 6:46	11.16	42.76	27.42	8.75	7.92	6.8	2.88	94.8
86	2/12/2010 7:01	11.26	43.34	27.83	8.73	7.94	8.1	2.96	95.0
87	2/12/2010 7:16	11.25	43.61	28.03	8.75	7.91	7.5	3.02	95.3
88	2/12/2010 7:31	11.30	43.86	28.21	8.79	7.92	9.3	3.12	95.9
89	2/12/2010 7:46	11.32	44.03	28.33	8.78	7.92	7.9	3.20	95.9
90	2/12/2010 8:01	11.35	44.11	28.39	8.80	7.93	8.7	3.26	96.3
91	2/12/2010 8:16	11.38	44.52	28.68	8.81	7.94	11.6	3.34	96.6
92	2/12/2010 8:31	11.36	44.44	28.62	8.83	7.98	9.7	3.42	96.7
93	2/12/2010 8:46	11.36	44.47	28.64	8.84	7.98	9.0	3.52	96.9
94	2/12/2010 9:01	11.37	44.71	28.82	8.86	7.98	9.8	3.58	97.2
95	2/12/2010 9:16	11.39	45.11	29.10	8.88	7.96	9.6	3.66	97.6
96	2/12/2010 9:31	11.42	45.31	29.24	8.89	7.97	8.6	3.72	97.9
97	2/12/2010 9:46	11.43	45.25	29.20	8.89	8.01	6.7	3.79	97.9
98	2/12/2010 10:01	11.45	45.40	29.31	8.92	8.01	6.4	3.83	98.3
99	2/12/2010 10:16	11.46	45.60	29.46	8.91	8.02	6.2	3.88	98.4
100	2/12/2010 10:31	11.46	45.63	29.48	8.88	7.98	4.5	3.89	98.0
101	2/12/2010 10:46	11.47	45.55	29.42	8.87	8.02	4.3	3.91	97.9
102	2/12/2010 11:01	11.47	45.64	29.48	8.86	8.01	6.3	3.90	97.8
103	2/12/2010 11:16	11.48	45.76	29.57	8.88	7.99	6.5	3.86	98.1
104	2/12/2010 11:31	11.47	45.55	29.42	8.86	7.98	7.6	3.82	97.7
105	2/12/2010 11:46	11.45	45.21	29.18	8.87	8.00	7.6	3.74	97.7

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	
106	2/12/2010 12:01	11.48	43.97	28.29	8.91	7.96	6.6	3.67	97.7
107	2/12/2010 12:16	11.42	44.37	28.58	8.85	7.94	8.6	3.55	97.1
108	2/12/2010 12:31	11.43	43.86	28.21	8.92	7.93	8.2	3.46	97.7
109	2/12/2010 12:46	11.45	44.00	28.31	8.90	7.96	6.6	3.36	97.5
110	2/12/2010 13:01	11.46	44.11	28.39	8.89	7.94	6.2	3.25	97.4
111	2/12/2010 13:16	11.48	44.06	28.36	8.90	7.94	5.6	3.11	97.6
112	2/12/2010 13:31	11.51	43.87	28.22	8.92	7.96	6.0	3.01	97.8
113	2/12/2010 13:46	11.50	43.93	28.27	8.94	7.93	6.9	2.90	98.1
114	2/12/2010 14:01	11.53	43.87	28.22	8.98	7.96	6.2	2.79	98.5
115	2/12/2010 14:16	11.46	43.30	27.82	9.00	7.92	8.4	2.64	98.3
116	2/12/2010 14:31	11.48	43.25	27.78	9.00	7.94	7.5	2.55	98.3
117	2/12/2010 14:46	11.46	43.12	27.69	9.00	7.94	8.8	2.41	98.2
118	2/12/2010 15:01	11.48	42.84	27.49	9.13	7.91	8.6	2.29	99.6
119	2/12/2010 15:16	11.50	42.94	27.56	9.13	7.92	9.0	2.16	99.7
120	2/12/2010 15:31	11.47	42.52	27.26	9.22	7.94	8.3	2.05	100.4
121	2/12/2010 15:46	11.47	42.44	27.20	9.34	7.92	7.7	1.90	101.6
122	2/12/2010 16:01	11.44	42.25	27.07	9.29	7.91	8.3	1.80	101.0
123	2/12/2010 16:16	11.38	41.97	26.87	9.17	7.89	7.9	1.73	99.4
124	2/12/2010 16:31	11.38	41.96	26.86	9.13	7.89	8.2	1.64	99.0
125	2/12/2010 16:46	11.37	41.86	26.79	9.12	7.88	7.7	1.58	98.8
126	2/12/2010 17:01	11.36	41.87	26.80	9.05	7.88	6.5	1.54	98.0
127	2/12/2010 17:16	11.37	41.59	26.60	9.11	7.91	7.0	1.54	98.6
128	2/12/2010 17:31	11.39	41.68	26.66	9.13	7.91	7.6	1.55	98.9
129	2/12/2010 17:46	11.38	41.91	26.83	9.09	7.91	6.7	1.56	98.5
130	2/12/2010 18:01	11.37	41.97	26.87	9.07	7.88	6.5	1.62	98.3
131	2/12/2010 18:16	11.35	41.69	26.67	9.06	7.88	6.5	1.70	98.0
132	2/12/2010 18:31	11.35	41.71	26.68	9.05	7.90	6.5	1.80	97.9
133	2/12/2010 18:46	11.35	41.46	26.51	9.04	7.87	6.8	1.82	97.7
134	2/12/2010 19:01	11.35	41.31	26.40	9.04	7.90	6.8	1.93	97.7
135	2/12/2010 19:16	11.37	41.57	26.58	9.03	7.88	6.4	2.01	97.7
136	2/12/2010 19:31	11.36	41.20	26.32	9.04	7.87	6.2	2.11	97.7
137	2/12/2010 19:46	11.38	41.66	26.65	9.00	7.91	6.3	2.20	97.5
138	2/12/2010 20:01	11.40	42.04	26.92	8.97	7.91	5.8	2.28	97.3
139	2/12/2010 20:16	11.41	42.06	26.93	8.95	7.91	6.1	2.38	97.1
140	2/12/2010 20:31	11.41	42.36	27.15	8.92	7.88	6.9	2.47	96.9
141	2/12/2010 20:46	11.38	42.32	27.12	8.92	7.88	7.9	2.55	96.9
142	2/12/2010 21:01	11.38	42.52	27.26	8.90	7.91	10.3	2.66	96.7
143	2/12/2010 21:16	11.39	42.53	27.27	8.89	7.91	9.9	2.75	96.6
144	2/12/2010 21:31	11.40	42.78	27.45	8.87	7.92	10.9	2.84	96.6
145	2/12/2010 21:46	11.41	42.89	27.53	8.87	7.92	12.8	2.93	96.6
146	2/12/2010 22:01	11.43	43.21	27.75	8.87	7.93	13.7	3.00	96.8
147	2/12/2010 22:16	11.43	43.45	27.92	8.87	7.94	15.5	3.08	96.9
148	2/12/2010 22:31	11.44	43.49	27.95	8.88	7.91	11.9	3.17	97.0
149	2/12/2010 22:46	11.47	43.76	28.15	8.91	7.95	12.8	3.23	97.5
150	2/12/2010 23:01	11.49	44.09	28.38	8.93	7.93	15.1	3.32	97.9
151	2/12/2010 23:16	11.51	44.45	28.63	8.95	7.94	17.7	3.36	98.4
152	2/12/2010 23:31	11.52	44.56	28.72	8.99	7.95	12.8	3.42	98.9
153	2/12/2010 23:46	11.54	44.67	28.79	9.05	7.99	10.2	3.49	99.7
154	2/13/2010 0:01	11.54	44.96	29.00	9.04	7.96	8.9	3.47	99.7
155	2/13/2010 0:16	11.54	44.80	28.89	9.02	7.95	8.0	3.52	99.3
156	2/13/2010 0:31	11.55	44.90	28.96	8.98	7.99	7.1	3.51	99.0
157	2/13/2010 0:46	11.56	44.82	28.91	9.08	7.96	8.3	3.43	100.1
158	2/13/2010 1:01	11.51	44.51	28.68	8.98	7.97	10.3	3.45	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	DO%
			mS/cm		mg/L		NTU	meters	
159	2/13/2010 1:16	11.45	43.79	28.16	8.80	7.94	9.7	3.40	96.3
160	2/13/2010 1:31	11.47	44.09	28.38	8.83	7.93	9.5	3.34	96.9
161	2/13/2010 1:46	11.45	43.81	28.18	8.82	7.92	9.6	3.24	96.5
162	2/13/2010 2:01	11.42	43.29	27.80	8.77	7.90	9.3	3.17	95.7
163	2/13/2010 2:16	11.39	43.18	27.73	8.77	7.89	8.4	3.09	95.6
164	2/13/2010 2:31	11.39	43.14	27.70	8.71	7.89	7.3	2.99	94.9
165	2/13/2010 2:46	11.37	42.86	27.50	8.69	7.87	6.8	2.96	94.5
166	2/13/2010 3:01	11.36	42.64	27.34	8.75	7.87	8.4	2.87	95.1
167	2/13/2010 3:16	11.35	42.59	27.31	8.74	7.90	8.3	2.77	94.9
168	2/13/2010 3:31	11.34	42.53	27.27	8.76	7.87	7.9	2.69	95.2
169	2/13/2010 3:46	11.34	42.48	27.23	8.75	7.87	8.7	2.63	95.0
170	2/13/2010 4:01	11.33	42.15	26.99	8.78	7.89	7.1	2.61	95.1
171	2/13/2010 4:16	11.32	42.36	27.15	8.74	7.86	7.4	2.54	94.8
172	2/13/2010 4:31	11.31	42.07	26.94	8.74	7.89	6.5	2.54	94.7
173	2/13/2010 4:46	11.31	42.13	26.98	8.74	7.86	5.7	2.46	94.6
174	2/13/2010 5:01	11.30	41.86	26.79	8.72	7.88	5.0	2.43	94.3
175	2/13/2010 5:16	11.30	41.80	26.75	8.74	7.85	4.6	2.42	94.5
176	2/13/2010 5:31	11.28	41.91	26.82	8.69	7.85	4.8	2.43	93.9
177	2/13/2010 5:46	11.33	42.13	26.98	8.68	7.86	5.4	2.46	94.0
178	2/13/2010 6:01	11.34	42.21	27.03	8.72	7.89	6.2	2.49	94.5
179	2/13/2010 6:16	11.31	42.11	26.97	8.71	7.86	5.8	2.51	94.3
180	2/13/2010 6:31	11.31	42.33	27.12	8.70	7.86	6.3	2.55	94.4
181	2/13/2010 6:46	11.29	41.99	26.88	8.75	7.86	5.9	2.60	94.6
182	2/13/2010 7:01	11.32	42.29	27.09	8.69	7.86	7.1	2.68	94.2
183	2/13/2010 7:16	11.35	42.49	27.24	8.70	7.86	8.6	2.75	94.5
184	2/13/2010 7:31	11.35	42.67	27.37	8.70	7.87	7.5	2.83	94.5
185	2/13/2010 7:46	11.38	43.03	27.62	8.72	7.92	7.3	2.91	95.0
186	2/13/2010 8:01	11.41	43.15	27.70	8.77	7.93	9.4	3.01	95.6
187	2/13/2010 8:16	11.42	43.41	27.89	8.82	7.94	11.2	3.08	96.3
188	2/13/2010 8:31	11.45	43.56	28.00	8.88	7.94	9.5	3.14	97.1
189	2/13/2010 8:46	11.45	43.82	28.18	8.89	7.95	8.7	3.21	97.4
190	2/13/2010 9:01	11.47	43.96	28.28	8.93	7.95	11.2	3.30	97.8
191	2/13/2010 9:16	11.48	44.04	28.34	8.94	7.96	11.3	3.42	98.1
192	2/13/2010 9:31	11.50	44.20	28.46	9.04	7.97	15.2	3.48	99.2
193	2/13/2010 9:46	11.54	44.47	28.65	9.14	7.95	14.3	3.60	100.6
194	2/13/2010 10:01	11.58	44.52	28.69	9.21	7.99	11.8	3.65	101.4
195	2/13/2010 10:16	11.60	44.69	28.81	9.27	7.97	10.9	3.70	102.2
196	2/13/2010 10:31	11.62	44.85	28.93	9.31	7.97	10.3	3.79	102.8
197	2/13/2010 10:46	11.64	44.71	28.83	9.33	7.98	10.4	3.84	103.0
198	2/13/2010 11:01	11.67	45.03	29.06	9.35	7.98	8.9	3.85	103.4
199	2/13/2010 11:16	11.67	44.85	28.93	9.30	8.01	6.4	3.89	102.8
200	2/13/2010 11:31	11.65	44.78	28.88	9.26	8.00	7.7	3.90	102.2
201	2/13/2010 11:46	11.68	44.87	28.94	9.30	8.00	8.8	3.85	102.7
202	2/13/2010 12:01	11.66	44.98	29.02	9.30	7.98	10.1	3.81	102.8
203	2/13/2010 12:16	11.93	44.10	28.40	9.21	7.98	7.5	3.74	102.0
204	2/13/2010 12:31	11.87	43.81	28.20	9.11	7.96	8.1	3.66	100.7
205	2/13/2010 12:46	11.72	44.25	28.50	9.13	7.95	9.9	3.59	100.8
206	2/13/2010 13:01	11.98	43.43	27.93	9.01	7.92	8.1	3.49	99.6
207	2/13/2010 13:16	12.06	43.49	27.98	9.00	7.92	7.0	3.36	99.7
208	2/13/2010 13:31	12.03	43.38	27.90	9.01	7.94	7.0	3.22	99.7
209	2/13/2010 13:46	11.99	43.51	27.98	9.03	7.95	6.2	3.12	99.9
210	2/13/2010 14:01	11.98	43.41	27.92	9.07	7.95	5.6	3.02	100.3
211	2/13/2010 14:16	11.97	43.44	27.94	9.06	7.92	5.5	2.89	100.1

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	
212	2/13/2010 14:31	11.96	43.22	27.78	9.04	7.91	6.2	2.78	99.8
213	2/13/2010 14:46	12.01	43.16	27.74	9.12	7.91	6.4	2.63	100.8
214	2/13/2010 15:01	12.04	43.13	27.71	9.14	7.94	6.3	2.53	101.1
215	2/13/2010 15:16	11.99	42.82	27.49	9.18	7.91	6.5	2.43	101.2
216	2/13/2010 15:31	12.09	42.80	27.48	9.23	7.95	6.7	2.29	102.0
217	2/13/2010 15:46	12.02	42.46	27.24	9.16	7.90	8.4	2.18	100.9
218	2/13/2010 16:01	12.07	42.47	27.25	9.31	7.92	7.0	2.05	102.7
219	2/13/2010 16:16	12.07	42.11	27.00	9.39	7.94	7.1	1.95	103.4
220	2/13/2010 16:31	12.05	42.26	27.10	9.30	7.91	8.5	1.84	102.4
221	2/13/2010 16:46	12.05	42.21	27.06	9.26	7.91	8.9	1.73	102.0
222	2/13/2010 17:01	12.03	41.84	26.80	9.19	7.92	10.6	1.64	101.0
223	2/13/2010 17:16	12.04	41.73	26.73	9.18	7.91	9.9	1.59	100.9
224	2/13/2010 17:31	12.04	41.73	26.72	9.15	7.91	10.1	1.55	100.6
225	2/13/2010 17:46	12.05	41.71	26.71	9.12	7.89	6.5	1.50	100.2
226	2/13/2010 18:01	12.02	41.73	26.73	9.13	7.91	7.2	1.53	100.3
227	2/13/2010 18:16	12.02	41.70	26.70	9.16	7.91	6.7	1.60	100.6
228	2/13/2010 18:31	12.01	41.76	26.75	9.13	7.90	5.4	1.61	100.2
229	2/13/2010 18:46	12.00	41.80	26.77	9.09	7.90	4.9	1.68	99.8
230	2/13/2010 19:01	12.01	41.51	26.57	9.08	7.90	5.4	1.79	99.6
231	2/13/2010 19:16	12.00	41.68	26.69	9.06	7.88	5.2	1.87	99.4
232	2/13/2010 19:31	12.01	41.28	26.41	9.07	7.89	5.5	1.95	99.4
233	2/13/2010 19:46	12.01	41.62	26.64	9.04	7.89	5.6	2.03	99.2
234	2/13/2010 20:01	12.00	41.66	26.67	9.04	7.90	5.7	2.13	99.1
235	2/13/2010 20:16	12.00	41.65	26.67	9.02	7.88	6.0	2.18	98.9
236	2/13/2010 20:31	11.97	42.05	26.95	8.98	7.90	5.8	2.30	98.7
237	2/13/2010 20:46	11.93	42.13	27.01	8.94	7.90	6.4	2.38	98.1
238	2/13/2010 21:01	11.89	42.15	27.02	8.91	7.90	6.8	2.50	97.7
239	2/13/2010 21:16	11.84	42.39	27.19	8.87	7.90	7.4	2.60	97.4
240	2/13/2010 21:31	11.83	42.51	27.27	8.88	7.91	7.6	2.69	97.5
241	2/13/2010 21:46	11.82	42.65	27.37	8.88	7.91	7.3	2.77	97.5
242	2/13/2010 22:01	11.83	42.90	27.55	8.88	7.89	9.0	2.86	97.6
243	2/13/2010 22:16	11.82	42.96	27.59	8.89	7.90	10.5	2.95	97.8
244	2/13/2010 22:31	11.82	43.00	27.62	8.94	7.93	14.2	3.01	98.3
245	2/13/2010 22:46	11.83	43.13	27.71	8.98	7.93	12.8	3.11	98.8
246	2/13/2010 23:01	11.82	43.45	27.94	8.99	7.91	12.8	3.21	99.1
247	2/13/2010 23:16	11.82	43.53	27.99	9.06	7.92	13.6	3.29	99.9
248	2/13/2010 23:31	11.83	43.79	28.18	9.14	7.96	16.7	3.35	100.9
249	2/13/2010 23:46	11.84	44.16	28.44	9.24	7.94	13.7	3.42	102.2
250	2/14/2010 0:01	11.84	44.34	28.57	9.28	7.95	10.8	3.47	102.7
251	2/14/2010 0:16	11.83	44.32	28.56	9.33	7.98	9.6	3.52	103.3
252	2/14/2010 0:31	11.83	44.48	28.67	9.35	7.96	7.6	3.56	103.5
253	2/14/2010 0:46	11.83	44.33	28.56	9.22	7.95	7.1	3.56	102.0
254	2/14/2010 1:01	11.82	44.47	28.67	9.28	7.96	7.6	3.54	102.7
255	2/14/2010 1:16	11.82	44.48	28.67	9.32	7.96	9.4	3.51	103.2
256	2/14/2010 1:31	11.71	43.92	28.27	9.10	7.93	10.9	3.43	100.2
257	2/14/2010 1:46	11.68	43.28	27.81	8.96	7.91	7.5	3.39	98.3
258	2/14/2010 2:01	11.73	43.27	27.81	8.91	7.90	10.4	3.33	97.9
259	2/14/2010 2:16	11.70	43.31	27.84	8.84	7.90	7.4	3.25	97.1
260	2/14/2010 2:31	11.69	42.92	27.56	8.79	7.89	7.6	3.13	96.4
261	2/14/2010 2:46	11.67	42.98	27.60	8.72	7.90	6.0	3.04	95.6
262	2/14/2010 3:01	11.66	42.84	27.50	8.71	7.88	6.9	2.96	95.3
263	2/14/2010 3:16	11.65	42.80	27.47	8.73	7.88	6.5	2.86	95.6
264	2/14/2010 3:31	11.63	42.82	27.48	8.72	7.90	6.6	2.78	95.4

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	
265	2/14/2010 3:46	11.62	42.60	27.33	8.72	7.87	6.1	2.70	95.3
266	2/14/2010 4:01	11.65	42.35	27.15	8.75	7.89	6.0	2.63	95.6
267	2/14/2010 4:16	11.62	42.33	27.13	8.71	7.86	5.4	2.59	95.1
268	2/14/2010 4:31	11.64	42.17	27.02	8.73	7.88	5.5	2.50	95.3
269	2/14/2010 4:46	11.60	42.07	26.95	8.70	7.86	5.1	2.44	94.8
270	2/14/2010 5:01	11.62	41.75	26.72	8.73	7.88	4.8	2.42	95.0
271	2/14/2010 5:16	11.58	41.86	26.80	8.70	7.87	4.6	2.35	94.7
272	2/14/2010 5:31	11.61	41.75	26.72	8.69	7.87	4.9	2.35	94.6
273	2/14/2010 5:46	11.61	41.76	26.73	8.69	7.85	4.6	2.29	94.6
274	2/14/2010 6:01	11.60	41.83	26.78	8.60	7.85	4.0	2.27	93.6
275	2/14/2010 6:16	11.66	42.03	26.92	8.64	7.87	4.6	2.36	94.3
276	2/14/2010 6:31	11.66	42.09	26.97	8.66	7.85	5.4	2.37	94.5
277	2/14/2010 6:46	11.63	42.12	26.98	8.64	7.85	6.2	2.41	94.2
278	2/14/2010 7:01	11.65	42.19	27.04	8.66	7.86	5.7	2.46	94.6
279	2/14/2010 7:16	11.60	41.86	26.80	8.66	7.85	6.1	2.52	94.3
280	2/14/2010 7:31	11.62	41.99	26.90	8.66	7.88	6.2	2.64	94.4
281	2/14/2010 7:46	11.63	41.97	26.88	8.69	7.86	6.7	2.71	94.7
282	2/14/2010 8:01	11.64	42.29	27.11	8.69	7.86	7.1	2.78	94.9
283	2/14/2010 8:16	11.65	42.66	27.37	8.74	7.88	5.8	2.83	95.5
284	2/14/2010 8:31	11.67	43.00	27.61	8.78	7.89	6.3	2.91	96.3
285	2/14/2010 8:46	11.70	43.11	27.69	8.83	7.89	6.5	2.96	96.9
286	2/14/2010 9:01	11.73	43.18	27.74	8.86	7.90	6.0	3.07	97.4
287	2/14/2010 9:16	11.73	43.21	27.77	8.88	7.92	6.7	3.14	97.6
288	2/14/2010 9:31	11.73	43.35	27.86	8.92	7.90	7.2	3.20	98.1
289	2/14/2010 9:46	11.74	43.65	28.08	8.98	7.91	8.4	3.27	98.9
290	2/14/2010 10:01	11.74	43.47	27.95	9.06	7.92	9.2	3.34	99.6
291	2/14/2010 10:16	11.74	43.95	28.29	9.12	7.93	12.5	3.46	100.5
292	2/14/2010 10:31	11.73	43.96	28.30	9.19	7.94	12.6	3.52	101.3
293	2/14/2010 10:46	11.74	44.14	28.42	9.26	7.95	10.1	3.58	102.2
294	2/14/2010 11:01	11.73	44.09	28.39	9.28	7.96	10.1	3.69	102.4
295	2/14/2010 11:16	11.73	44.08	28.38	9.33	7.99	10.1	3.72	102.8
296	2/14/2010 11:31	11.73	44.33	28.56	9.34	7.99	8.1	3.77	103.1
297	2/14/2010 11:46	11.72	44.53	28.70	9.35	7.97	7.5	3.84	103.3
298	2/14/2010 12:01	11.72	44.13	28.42	9.25	7.97	6.1	3.80	102.0
299	2/14/2010 12:16	11.72	44.37	28.59	9.26	7.99	7.8	3.80	102.2
300	2/14/2010 12:31	11.72	44.44	28.64	9.30	7.99	8.4	3.76	102.7
301	2/14/2010 12:46	11.78	44.12	28.41	9.28	7.95	7.8	3.75	102.5
302	2/14/2010 13:01	11.88	43.59	28.04	9.18	7.94	5.3	3.63	101.4
303	2/14/2010 13:16	11.88	43.40	27.90	9.07	7.94	7.1	3.51	100.1
304	2/14/2010 13:31	11.86	43.27	27.81	9.02	7.94	7.6	3.44	99.4
305	2/14/2010 13:46	11.88	43.21	27.77	9.02	7.94	10.3	3.34	99.4
306	2/14/2010 14:01	11.90	43.41	27.91	9.05	7.92	7.1	3.24	99.8
307	2/14/2010 14:16	11.94	43.40	27.91	9.04	7.91	5.3	3.16	99.9
308	2/14/2010 14:31	11.96	43.29	27.83	9.03	7.91	5.4	3.01	99.7
309	2/14/2010 14:46	11.96	43.06	27.67	9.04	7.91	5.1	2.89	99.7
310	2/14/2010 15:01	11.93	42.77	27.45	9.00	7.92	5.6	2.82	99.1
311	2/14/2010 15:16	11.97	42.86	27.52	8.98	7.90	6.5	2.70	99.0
312	2/14/2010 15:31	11.95	42.57	27.32	9.02	7.89	6.3	2.57	99.3
313	2/14/2010 15:46	12.01	42.87	27.53	9.00	7.91	5.8	2.44	99.3
314	2/14/2010 16:01	11.99	42.42	27.21	9.02	7.90	6.4	2.32	99.2
315	2/14/2010 16:16	12.00	42.38	27.18	9.13	7.89	6.9	2.23	100.6
316	2/14/2010 16:31	12.03	42.30	27.13	9.06	7.90	6.8	2.08	99.7
317	2/14/2010 16:46	12.05	42.12	27.00	9.14	7.90	6.0	1.99	100.6

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	
318	2/14/2010 17:01	12.06	42.04	26.95	9.13	7.89	6.2	1.84	100.4
319	2/14/2010 17:16	12.06	41.82	26.79	9.04	7.91	5.7	1.76	99.4
320	2/14/2010 17:31	12.05	41.49	26.56	9.00	7.90	6.3	1.67	98.7
321	2/14/2010 17:46	12.05	41.64	26.66	8.94	7.87	6.0	1.64	98.2
322	2/14/2010 18:01	12.05	41.35	26.46	8.89	7.88	5.1	1.57	97.5
323	2/14/2010 18:16	12.05	41.65	26.67	8.89	7.86	4.4	1.53	97.6
324	2/14/2010 18:31	12.05	41.66	26.68	8.85	7.87	4.5	1.56	97.2
325	2/14/2010 18:46	12.03	41.74	26.73	8.85	7.86	4.2	1.59	97.2
326	2/14/2010 19:01	12.02	41.77	26.75	8.87	7.87	4.2	1.70	97.4
327	2/14/2010 19:16	12.00	41.63	26.65	8.87	7.86	4.6	1.77	97.3
328	2/14/2010 19:31	11.99	41.45	26.53	8.85	7.88	4.6	1.81	97.1
329	2/14/2010 19:46	11.99	41.31	26.42	8.83	7.85	5.2	1.89	96.7
330	2/14/2010 20:01	11.98	41.29	26.41	8.82	7.85	5.4	1.98	96.6
331	2/14/2010 20:16	11.98	41.43	26.51	8.80	7.86	5.5	2.08	96.5
332	2/14/2010 20:31	11.97	41.34	26.45	8.79	7.85	5.2	2.17	96.3
333	2/14/2010 20:46	11.96	41.73	26.72	8.81	7.86	5.6	2.30	96.7
334	2/14/2010 21:01	11.95	41.87	26.82	8.81	7.89	5.4	2.37	96.6
335	2/14/2010 21:16	11.93	41.93	26.86	8.80	7.89	5.5	2.45	96.5
336	2/14/2010 21:31	11.91	42.18	27.04	8.79	7.87	6.2	2.55	96.5
337	2/14/2010 21:46	11.90	42.51	27.27	8.80	7.87	6.8	2.63	96.7
338	2/14/2010 22:01	11.90	42.44	27.22	8.82	7.90	7.0	2.75	96.9
339	2/14/2010 22:16	11.90	42.63	27.36	8.82	7.88	8.1	2.82	97.0
340	2/14/2010 22:31	11.90	42.68	27.39	8.85	7.88	8.7	2.92	97.4
341	2/14/2010 22:46	11.89	42.74	27.43	8.88	7.92	10.6	3.03	97.6
342	2/14/2010 23:01	11.89	42.79	27.47	8.94	7.93	13.7	3.11	98.3
343	2/14/2010 23:16	11.88	43.20	27.76	8.97	7.91	14.6	3.19	98.8
344	2/14/2010 23:31	11.87	43.31	27.84	9.03	7.91	13.8	3.28	99.5
345	2/14/2010 23:46	11.86	43.67	28.10	9.14	7.93	18.0	3.35	100.9
346	2/15/2010 0:01	11.85	44.19	28.47	9.32	7.94	18.6	3.43	103.1
347	2/15/2010 0:16	11.85	44.41	28.62	9.39	7.95	15.2	3.50	103.9
348	2/15/2010 0:31	11.85	44.32	28.56	9.44	7.96	12.0	3.56	104.4
349	2/15/2010 0:46	11.85	44.39	28.61	9.45	7.96	10.1	3.61	104.6
350	2/15/2010 1:01	11.85	44.54	28.71	9.42	7.96	7.9	3.62	104.4
351	2/15/2010 1:16	11.85	44.52	28.70	9.35	7.95	8.0	3.66	103.5
352	2/15/2010 1:31	11.85	44.43	28.64	9.39	7.98	8.9	3.61	103.9
353	2/15/2010 1:46	11.85	44.65	28.79	9.42	7.96	10.9	3.55	104.4
354	2/15/2010 2:01	11.86	43.47	27.96	8.95	7.91	8.9	3.49	98.7
355	2/15/2010 2:16	11.86	43.27	27.81	8.94	7.91	7.3	3.42	98.6
356	2/15/2010 2:31	11.87	43.10	27.69	8.89	7.92	8.9	3.32	97.9
357	2/15/2010 2:46	11.87	43.20	27.76	8.81	7.90	8.4	3.23	97.1
358	2/15/2010 3:01	11.87	42.90	27.55	8.79	7.88	8.1	3.13	96.7
359	2/15/2010 3:16	11.87	42.84	27.51	8.74	7.88	6.1	3.03	96.2
360	2/15/2010 3:31	11.87	42.91	27.55	8.67	7.87	6.4	2.94	95.4
361	2/15/2010 3:46	11.87	42.51	27.27	8.68	7.87	5.5	2.87	95.3
362	2/15/2010 4:01	11.86	42.74	27.44	8.67	7.87	5.4	2.77	95.3
363	2/15/2010 4:16	11.86	42.31	27.13	8.65	7.86	6.0	2.70	94.9
364	2/15/2010 4:31	11.85	42.28	27.11	8.64	7.88	5.1	2.63	94.7
365	2/15/2010 4:46	11.84	42.40	27.19	8.63	7.86	5.0	2.56	94.7
366	2/15/2010 5:01	11.84	42.00	26.91	8.60	7.85	5.4	2.46	94.2
367	2/15/2010 5:16	11.83	42.00	26.91	8.57	7.84	4.3	2.39	93.8
368	2/15/2010 5:31	11.81	42.03	26.93	8.54	7.84	4.1	2.34	93.5
369	2/15/2010 5:46	11.82	41.93	26.86	8.50	7.84	3.9	2.30	93.0
370	2/15/2010 6:01	11.84	41.71	26.70	8.47	7.83	3.6	2.26	92.7

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	
371	2/15/2010 6:16	11.85	41.77	26.75	8.47	7.83	3.2	2.23	92.7
372	2/15/2010 6:31	11.84	41.72	26.71	8.45	7.83	3.0	2.21	92.5
373	2/15/2010 6:46	11.83	41.67	26.68	8.48	7.83	3.6	2.25	92.7
374	2/15/2010 7:01	11.82	41.83	26.79	8.49	7.83	3.4	2.26	92.8
375	2/15/2010 7:16	11.83	41.63	26.65	8.51	7.83	4.5	2.32	93.0
376	2/15/2010 7:31	11.81	41.64	26.65	8.55	7.86	4.1	2.35	93.4
377	2/15/2010 7:46	11.82	41.67	26.67	8.51	7.83	5.2	2.44	93.1
378	2/15/2010 8:01	11.83	41.60	26.63	8.52	7.83	4.8	2.49	93.1
379	2/15/2010 8:16	11.84	41.66	26.67	8.53	7.84	5.2	2.57	93.2
380	2/15/2010 8:31	11.85	42.10	26.98	8.55	7.84	5.2	2.64	93.7
381	2/15/2010 8:46	11.84	42.00	26.91	8.60	7.85	5.2	2.72	94.1
382	2/15/2010 9:01	11.84	42.37	27.17	8.66	7.87	5.0	2.78	95.0
383	2/15/2010 9:16	11.85	42.73	27.43	8.75	7.88	5.7	2.87	96.2
384	2/15/2010 9:31	11.86	42.77	27.46	8.81	7.91	5.4	2.94	96.9
385	2/15/2010 9:46	11.87	42.98	27.61	8.84	7.89	5.8	3.00	97.3
386	2/15/2010 10:01	11.89	43.10	27.69	8.86	7.89	6.2	3.10	97.6
387	2/15/2010 10:16	11.89	43.39	27.90	8.92	7.90	7.0	3.18	98.4
388	2/15/2010 10:31	11.87	43.54	28.01	9.00	7.92	8.9	3.25	99.3
389	2/15/2010 10:46	11.87	43.34	27.86	9.12	7.95	11.7	3.33	100.5
390	2/15/2010 11:01	11.87	43.75	28.15	9.18	7.96	12.0	3.39	101.4
391	2/15/2010 11:16	11.90	43.99	28.32	9.22	7.94	9.2	3.49	102.0
392	2/15/2010 11:31	11.90	43.96	28.31	9.27	7.97	8.6	3.55	102.6
393	2/15/2010 11:46	11.89	44.22	28.49	9.32	7.95	8.9	3.62	103.2
394	2/15/2010 12:01	11.87	44.49	28.68	9.36	7.96	7.9	3.67	103.7
395	2/15/2010 12:16	11.86	44.34	28.58	9.40	7.97	7.5	3.72	104.1
396	2/15/2010 12:31	11.85	44.51	28.69	9.38	7.97	5.2	3.71	103.9
397	2/15/2010 12:46	11.88	44.61	28.76	9.36	7.96	6.0	3.73	103.8
398	2/15/2010 13:01	11.87	44.59	28.76	9.35	7.96	7.2	3.71	103.6
399	2/15/2010 13:16	11.90	44.60	28.76	9.39	7.96	8.5	3.66	104.1
400	2/15/2010 13:31	12.13	44.32	28.57	9.32	7.95	7.3	3.60	103.7
401	2/15/2010 13:46	12.36	43.70	28.14	9.32	7.94	6.1	3.52	104.0
402	2/15/2010 14:01	12.38	43.44	27.95	9.17	7.93	5.5	3.43	102.3
403	2/15/2010 14:16	12.38	43.47	27.97	9.19	7.92	6.5	3.32	102.5
404	2/15/2010 14:31	12.42	43.51	28.00	9.19	7.93	5.6	3.21	102.5
405	2/15/2010 14:46	12.47	43.41	27.93	9.17	7.92	4.7	3.12	102.4
406	2/15/2010 15:01	12.50	43.08	27.70	9.15	7.92	6.7	3.01	102.1
407	2/15/2010 15:16	12.45	43.16	27.75	9.12	7.91	4.9	2.91	101.7
408	2/15/2010 15:31	12.44	42.97	27.62	9.16	7.91	5.0	2.79	102.1
409	2/15/2010 15:46	12.47	42.86	27.54	9.09	7.90	5.3	2.68	101.3
410	2/15/2010 16:01	12.49	42.72	27.45	9.12	7.90	5.3	2.57	101.6
411	2/15/2010 16:16	12.52	42.75	27.46	9.16	7.91	5.6	2.45	102.1
412	2/15/2010 16:31	12.59	42.51	27.30	9.27	7.93	6.1	2.34	103.4
413	2/15/2010 16:46	12.59	42.38	27.20	9.26	7.91	5.6	2.23	103.2
414	2/15/2010 17:01	12.61	42.41	27.23	9.30	7.92	5.3	2.12	103.8
415	2/15/2010 17:16	12.62	42.28	27.13	9.26	7.92	4.8	2.00	103.3
416	2/15/2010 17:31	12.66	41.97	26.92	9.27	7.91	4.8	1.90	103.3
417	2/15/2010 17:46	12.68	41.80	26.80	9.19	7.90	4.6	1.83	102.4
418	2/15/2010 18:01	12.72	41.60	26.66	9.14	7.89	5.0	1.75	101.8
419	2/15/2010 18:16	12.74	41.60	26.66	9.08	7.89	4.8	1.70	101.2
420	2/15/2010 18:31	12.74	41.44	26.54	9.03	7.88	4.2	1.68	100.6
421	2/15/2010 18:46	12.73	41.51	26.59	9.03	7.91	3.8	1.67	100.6
422	2/15/2010 19:01	12.72	41.53	26.61	9.06	7.89	4.0	1.68	100.9
423	2/15/2010 19:16	12.69	41.39	26.51	9.10	7.91	3.6	1.74	101.2

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	
424	2/15/2010 19:31	12.68	41.57	26.63	9.09	7.89	3.5	1.80	101.2
425	2/15/2010 19:46	12.68	41.49	26.57	9.07	7.88	3.9	1.88	100.8
426	2/15/2010 20:01	12.69	41.24	26.40	9.04	7.88	5.1	1.95	100.5
427	2/15/2010 20:16	12.72	40.55	25.91	9.02	7.86	4.8	2.04	100.0
428	2/15/2010 20:31	12.67	40.95	26.19	9.02	7.87	4.4	2.12	100.1
429	2/15/2010 20:46	12.68	40.96	26.20	9.00	7.87	4.6	2.20	99.9
430	2/15/2010 21:01	12.65	41.39	26.50	8.98	7.88	4.4	2.28	99.8
431	2/15/2010 21:16	12.59	41.68	26.71	8.95	7.88	4.6	2.37	99.5
432	2/15/2010 21:31	12.54	41.97	26.91	8.93	7.88	4.3	2.45	99.3
433	2/15/2010 21:46	12.46	42.35	27.18	8.87	7.89	4.9	2.54	98.6
434	2/15/2010 22:01	12.42	42.31	27.15	8.84	7.88	4.8	2.63	98.1
435	2/15/2010 22:16	12.42	42.40	27.21	8.89	7.88	5.7	2.73	98.7
436	2/15/2010 22:31	12.42	42.51	27.29	8.91	7.89	5.6	2.81	99.0
437	2/15/2010 22:46	12.39	42.76	27.46	8.92	7.89	7.0	2.89	99.2
438	2/15/2010 23:01	12.37	42.86	27.54	8.93	7.89	7.6	2.98	99.3
439	2/15/2010 23:16	12.34	43.19	27.77	8.96	7.90	11.5	3.07	99.7
440	2/15/2010 23:31	12.31	43.26	27.82	9.03	7.91	13.1	3.17	100.5
441	2/15/2010 23:46	12.28	43.58	28.05	9.05	7.92	12.0	3.25	100.8
442	2/16/2010 0:01	12.22	44.15	28.45	9.17	7.94	16.2	3.35	102.3
443	2/16/2010 0:16	12.19	44.29	28.55	9.24	7.95	16.8	3.44	103.0
444	2/16/2010 0:31	12.18	44.56	28.75	9.27	7.95	15.0	3.51	103.5
445	2/16/2010 0:46	12.16	44.63	28.79	9.28	7.96	12.0	3.58	103.6
446	2/16/2010 1:01	12.16	44.61	28.78	9.29	7.96	9.2	3.63	103.6
447	2/16/2010 1:16	12.15	44.55	28.74	9.28	7.99	6.5	3.65	103.5
448	2/16/2010 1:31	12.17	44.59	28.76	9.20	7.95	6.3	3.65	102.6
449	2/16/2010 1:46	12.14	44.78	28.90	9.23	7.96	7.0	3.63	103.0
450	2/16/2010 2:01	12.14	44.84	28.94	9.25	7.96	7.8	3.60	103.2
451	2/16/2010 2:16	12.21	43.54	28.01	8.95	7.91	8.4	3.54	99.4
452	2/16/2010 2:31	12.23	43.43	27.94	8.93	7.91	7.2	3.46	99.3
453	2/16/2010 2:46	12.24	43.39	27.91	8.92	7.90	13.5	3.39	99.1
454	2/16/2010 3:01	12.26	43.09	27.69	8.84	7.89	8.3	3.29	98.1
455	2/16/2010 3:16	12.25	43.16	27.75	8.84	7.90	8.1	3.20	98.2
456	2/16/2010 3:31	12.24	43.20	27.78	8.80	7.89	5.7	3.10	97.8
457	2/16/2010 3:46	12.26	43.33	27.87	8.75	7.88	5.8	3.02	97.3
458	2/16/2010 4:01	12.24	43.32	27.86	8.76	7.89	6.2	2.93	97.3
459	2/16/2010 4:16	12.25	43.17	27.75	8.74	7.88	5.2	2.83	97.1
460	2/16/2010 4:31	12.31	42.62	27.37	8.73	7.87	7.6	2.74	96.9
461	2/16/2010 4:46	12.24	42.76	27.46	8.69	7.87	4.6	2.66	96.4
462	2/16/2010 5:01	12.32	42.36	27.18	8.69	7.86	4.8	2.57	96.3
463	2/16/2010 5:16	12.31	42.14	27.03	8.68	7.86	5.2	2.48	96.1
464	2/16/2010 5:31	12.29	42.17	27.04	8.65	7.86	4.3	2.40	95.8
465	2/16/2010 5:46	12.30	42.11	27.00	8.62	7.85	4.2	2.32	95.3
466	2/16/2010 6:01	12.35	41.82	26.80	8.59	7.84	3.9	2.25	95.0
467	2/16/2010 6:16	12.30	41.65	26.68	8.57	7.84	3.6	2.19	94.6
468	2/16/2010 6:31	12.30	41.72	26.72	8.54	7.84	3.2	2.14	94.3
469	2/16/2010 6:46	12.31	41.72	26.73	8.53	7.84	2.9	2.11	94.2
470	2/16/2010 7:01	12.30	41.64	26.67	8.54	7.83	2.8	2.11	94.3
471	2/16/2010 7:16	12.29	41.74	26.74	8.50	7.83	2.8	2.10	93.9
472	2/16/2010 7:31	12.29	41.68	26.70	8.51	7.83	3.1	2.13	94.0
473	2/16/2010 7:46	12.30	41.85	26.82	8.55	7.84	3.3	2.18	94.5
474	2/16/2010 8:01	12.28	41.60	26.64	8.54	7.84	3.7	2.25	94.3
475	2/16/2010 8:16	12.29	41.59	26.64	8.54	7.84	4.1	2.31	94.3
476	2/16/2010 8:31	12.30	41.61	26.65	8.54	7.84	4.0	2.39	94.3

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	
477	2/16/2010 8:46	12.31	41.70	26.71	8.53	7.84	4.9	2.46	94.2
478	2/16/2010 9:01	12.32	41.79	26.78	8.54	7.84	4.6	2.53	94.4
479	2/16/2010 9:16	12.30	42.24	27.09	8.59	7.85	5.1	2.61	95.1
480	2/16/2010 9:31	12.29	42.18	27.05	8.61	7.86	4.6	2.68	95.3
481	2/16/2010 9:46	12.28	42.61	27.36	8.67	7.87	5.2	2.75	96.1
482	2/16/2010 10:01	12.29	42.78	27.48	8.72	7.87	4.6	2.81	96.8
483	2/16/2010 10:16	12.31	42.96	27.61	8.77	7.88	4.6	2.89	97.4
484	2/16/2010 10:31	12.33	43.08	27.70	8.78	7.89	4.8	2.96	97.7
485	2/16/2010 10:46	12.33	43.28	27.84	8.78	7.90	5.2	3.03	97.8
486	2/16/2010 11:01	12.33	43.31	27.86	8.81	7.89	5.1	3.11	98.1
487	2/16/2010 11:16	12.29	43.57	28.04	8.86	7.90	6.2	3.18	98.7
488	2/16/2010 11:31	12.29	43.74	28.16	8.90	7.91	7.3	3.25	99.2
489	2/16/2010 11:46	12.28	43.92	28.29	8.97	7.92	7.8	3.33	100.0
490	2/16/2010 12:01	12.27	43.89	28.27	9.01	7.92	7.8	3.41	100.4
491	2/16/2010 12:16	12.30	44.03	28.37	9.02	7.93	7.1	3.47	100.6
492	2/16/2010 12:31	12.27	44.30	28.56	9.03	7.93	6.7	3.53	100.9
493	2/16/2010 12:46	12.25	44.47	28.68	9.04	7.94	6.4	3.58	101.0
494	2/16/2010 13:01	12.20	44.48	28.69	9.04	7.94	4.9	3.61	100.9
495	2/16/2010 13:16	12.17	44.69	28.83	9.04	7.95	3.9	3.62	100.9
496	2/16/2010 13:31	12.15	44.70	28.84	8.95	7.95	4.1	3.61	99.9
497	2/16/2010 13:46	12.16	44.77	28.89	9.03	7.95	6.2	3.58	100.9
498	2/16/2010 14:01	12.27	44.34	28.59	9.02	7.94	10.9	3.51	100.7
499	2/16/2010 14:16	12.64	43.91	28.30	9.05	7.93	5.6	3.44	101.7
500	2/16/2010 14:31	12.72	43.49	28.00	9.05	7.92	6.5	3.36	101.7
501	2/16/2010 14:46	12.81	43.13	27.75	9.07	7.96	6.8	3.27	102.0
502	2/16/2010 15:01	12.80	43.28	27.85	9.08	7.92	5.5	3.18	102.0
503	2/16/2010 15:16	12.75	43.19	27.79	9.12	7.92	4.1	3.07	102.4
504	2/16/2010 15:31	12.83	42.98	27.64	9.14	7.93	4.5	2.97	102.7
505	2/16/2010 15:46	12.84	42.94	27.61	9.10	7.92	4.7	2.87	102.2
506	2/16/2010 16:01	12.84	42.94	27.61	9.17	7.93	3.5	2.77	103.0
507	2/16/2010 16:16	12.89	42.42	27.25	9.12	7.91	4.7	2.67	102.3
508	2/16/2010 16:31	12.88	42.70	27.44	9.12	7.91	4.3	2.56	102.5
509	2/16/2010 16:46	12.91	42.27	27.13	9.12	7.91	4.3	2.45	102.3
510	2/16/2010 17:01	12.93	42.42	27.24	9.11	7.91	4.5	2.35	102.3
511	2/16/2010 17:16	12.99	42.37	27.21	9.16	7.91	4.5	2.24	103.0
512	2/16/2010 17:31	13.04	42.07	26.99	9.18	7.91	4.5	2.13	103.1
513	2/16/2010 17:46	13.07	42.15	27.05	9.19	7.92	4.0	2.04	103.4
514	2/16/2010 18:01	13.08	41.86	26.85	9.19	7.92	3.7	1.95	103.3
515	2/16/2010 18:16	13.12	41.89	26.87	9.19	7.92	3.8	1.88	103.3
516	2/16/2010 18:31	13.15	41.67	26.72	9.16	7.91	3.7	1.83	103.0
517	2/16/2010 18:46	13.17	41.71	26.75	9.11	7.91	3.4	1.79	102.5
518	2/16/2010 19:01	13.19	41.72	26.75	9.10	7.91	3.1	1.75	102.4
519	2/16/2010 19:16	13.18	41.72	26.75	9.10	7.90	2.9	1.77	102.4
520	2/16/2010 19:31	13.16	41.87	26.86	9.10	7.91	3.1	1.80	102.5
521	2/16/2010 19:46	13.16	41.80	26.81	9.10	7.90	3.1	1.83	102.4
522	2/16/2010 20:01	13.15	41.82	26.82	9.10	7.90	2.9	1.88	102.4
523	2/16/2010 20:16	13.15	41.78	26.79	9.08	7.90	3.7	1.97	102.1
524	2/16/2010 20:31	13.23	41.01	26.25	9.02	7.88	4.8	2.06	101.3
525	2/16/2010 20:46	13.16	41.49	26.59	9.01	7.89	4.9	2.12	101.2
526	2/16/2010 21:01	13.13	41.51	26.60	8.98	7.89	4.5	2.22	100.9
527	2/16/2010 21:16	13.14	41.44	26.55	8.99	7.88	4.3	2.30	100.9
528	2/16/2010 21:31	13.06	41.90	26.88	8.94	7.89	4.2	2.39	100.5
529	2/16/2010 21:46	12.98	41.98	26.93	8.89	7.89	4.1	2.47	99.7

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	
530	2/16/2010 22:01	12.90	42.38	27.21	8.82	7.89	4.1	2.56	99.0
531	2/16/2010 22:16	12.86	42.33	27.18	8.80	7.88	4.7	2.64	98.7
532	2/16/2010 22:31	12.83	42.59	27.36	8.81	7.89	4.7	2.74	98.8
533	2/16/2010 22:46	12.81	42.59	27.36	8.82	7.89	4.9	2.81	98.9
534	2/16/2010 23:01	12.78	42.79	27.50	8.83	7.89	5.6	2.89	99.0
535	2/16/2010 23:16	12.75	43.04	27.68	8.82	7.90	6.6	2.98	98.9
536	2/16/2010 23:31	12.71	43.15	27.76	8.82	7.90	6.2	3.06	98.9
537	2/16/2010 23:46	12.64	43.53	28.02	8.85	7.91	9.0	3.13	99.2
538	2/17/2010 0:01	12.60	43.70	28.14	8.86	7.94	8.7	3.22	99.3
539	2/17/2010 0:16	12.55	43.88	28.27	8.85	7.94	8.5	3.29	99.3
540	2/17/2010 0:31	12.46	44.22	28.51	8.91	7.93	9.9	3.39	99.9
541	2/17/2010 0:46	12.42	44.60	28.78	8.95	7.94	10.7	3.47	100.4
542	2/17/2010 1:01	12.37	44.81	28.93	8.99	7.95	9.6	3.53	100.8
543	2/17/2010 1:16	12.36	44.76	28.89	9.01	7.96	8.2	3.59	101.0
544	2/17/2010 1:31	12.35	45.07	29.11	8.99	7.98	6.8	3.64	100.9
545	2/17/2010 1:46	12.34	44.85	28.96	8.96	7.96	5.5	3.66	100.4
546	2/17/2010 2:01	12.37	44.86	28.96	8.91	7.95	5.2	3.67	99.9
547	2/17/2010 2:16	12.33	44.96	29.03	8.93	7.96	5.8	3.66	100.1
548	2/17/2010 2:31	12.34	45.03	29.08	8.94	7.96	6.7	3.61	100.3
549	2/17/2010 2:46	12.42	44.57	28.76	8.82	7.96	6.3	3.56	98.9
550	2/17/2010 3:01	12.50	43.71	28.15	8.69	7.91	7.3	3.47	97.3
551	2/17/2010 3:16	12.54	43.81	28.22	8.65	7.91	6.1	3.38	97.0
552	2/17/2010 3:31	12.55	43.76	28.18	8.60	7.91	6.0	3.29	96.4
553	2/17/2010 3:46	12.59	43.39	27.92	8.62	7.91	6.6	3.20	96.6
554	2/17/2010 4:01	12.59	43.42	27.95	8.56	7.89	5.4	3.09	95.8
555	2/17/2010 4:16	12.60	43.43	27.95	8.56	7.90	4.9	3.00	95.9
556	2/17/2010 4:31	12.65	43.16	27.76	8.56	7.90	6.2	2.91	95.8
557	2/17/2010 4:46	12.68	42.76	27.48	8.56	7.88	5.1	2.81	95.8
558	2/17/2010 5:01	12.65	43.08	27.70	8.50	7.89	4.6	2.73	95.1
559	2/17/2010 5:16	12.73	42.63	27.39	8.53	7.88	5.9	2.64	95.5
560	2/17/2010 5:31	12.70	42.75	27.47	8.50	7.87	4.8	2.54	95.1
561	2/17/2010 5:46	12.77	42.33	27.18	8.51	7.87	4.8	2.46	95.2
562	2/17/2010 6:01	12.74	42.27	27.13	8.48	7.86	4.1	2.36	94.8
563	2/17/2010 6:16	12.79	42.27	27.13	8.44	7.87	3.8	2.28	94.5
564	2/17/2010 6:31	12.79	41.90	26.87	8.40	7.85	3.5	2.20	93.9
565	2/17/2010 6:46	12.81	42.07	26.99	8.40	7.85	3.2	2.13	93.9
566	2/17/2010 7:01	12.82	41.93	26.89	8.39	7.86	2.9	2.08	93.8
567	2/17/2010 7:16	12.82	41.71	26.73	8.36	7.85	2.9	2.02	93.4
568	2/17/2010 7:31	12.84	41.99	26.94	8.33	7.85	2.4	2.01	93.2
569	2/17/2010 7:46	12.82	41.62	26.68	8.36	7.85	2.6	2.01	93.4
570	2/17/2010 8:01	12.81	41.97	26.92	8.36	7.85	3.3	2.02	93.5
571	2/17/2010 8:16	12.80	41.98	26.93	8.37	7.85	3.1	2.07	93.5
572	2/17/2010 8:31	12.81	41.83	26.82	8.40	7.85	3.1	2.11	93.8
573	2/17/2010 8:46	12.80	42.10	27.02	8.39	7.85	3.2	2.17	93.9
574	2/17/2010 9:01	12.81	41.84	26.83	8.38	7.85	3.4	2.24	93.6
575	2/17/2010 9:16	12.80	41.84	26.83	8.36	7.84	3.6	2.32	93.3
576	2/17/2010 9:31	12.79	41.65	26.70	8.34	7.84	4.2	2.39	93.1
577	2/17/2010 9:46	12.78	42.00	26.94	8.36	7.85	4.0	2.48	93.5
578	2/17/2010 10:01	12.75	42.29	27.14	8.38	7.86	4.2	2.55	93.7
579	2/17/2010 10:16	12.72	42.47	27.27	8.39	7.88	4.0	2.62	93.8
580	2/17/2010 10:31	12.69	42.79	27.50	8.45	7.87	4.1	2.69	94.5
581	2/17/2010 10:46	12.69	42.91	27.58	8.52	7.88	3.7	2.76	95.4
582	2/17/2010 11:01	12.68	43.23	27.81	8.52	7.88	3.8	2.83	95.5

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	
583	2/17/2010 11:16	12.67	43.30	27.86	8.52	7.91	4.0	2.90	95.5
584	2/17/2010 11:31	12.66	43.43	27.96	8.50	7.91	4.5	2.96	95.4
585	2/17/2010 11:46	12.64	43.28	27.85	8.52	7.89	4.2	3.03	95.5
586	2/17/2010 12:01	12.60	43.74	28.17	8.53	7.92	4.5	3.09	95.7
587	2/17/2010 12:16	12.58	43.62	28.08	8.55	7.90	5.1	3.15	95.9
588	2/17/2010 12:31	12.55	43.86	28.25	8.62	7.91	5.3	3.21	96.6
589	2/17/2010 12:46	12.54	43.94	28.32	8.66	7.92	5.2	3.28	97.1
590	2/17/2010 13:01	12.54	44.16	28.47	8.66	7.92	4.5	3.33	97.2
591	2/17/2010 13:16	12.50	44.19	28.49	8.69	7.93	4.4	3.38	97.4
592	2/17/2010 13:31	12.47	44.48	28.70	8.67	7.96	4.3	3.42	97.3
593	2/17/2010 13:46	12.45	44.52	28.72	8.63	7.96	3.1	3.43	96.8
594	2/17/2010 14:01	12.39	44.47	28.69	8.58	7.94	3.1	3.44	96.1
595	2/17/2010 14:16	12.39	44.80	28.92	8.57	7.93	3.7	3.43	96.2
596	2/17/2010 14:31	12.42	44.65	28.81	8.61	7.96	5.9	3.39	96.6
597	2/17/2010 14:46	12.52	44.22	28.51	8.62	7.93	5.1	3.33	96.7
598	2/17/2010 15:01	12.82	43.65	28.12	8.72	7.92	4.6	3.27	98.2
599	2/17/2010 15:16	12.83	43.48	28.00	8.69	7.91	4.9	3.17	97.9
600	2/17/2010 15:31	12.90	43.26	27.84	8.72	7.91	4.6	3.10	98.2
601	2/17/2010 15:46	12.84	43.32	27.88	8.69	7.91	4.3	3.01	97.8
602	2/17/2010 16:01	12.85	43.23	27.82	8.69	7.91	3.5	2.92	97.8
603	2/17/2010 16:16	12.91	43.02	27.67	8.73	7.91	3.5	2.83	98.3
604	2/17/2010 16:31	12.92	43.00	27.66	8.75	7.91	3.0	2.74	98.5
605	2/17/2010 16:46	12.95	42.95	27.62	8.79	7.92	2.8	2.65	99.0
606	2/17/2010 17:01	12.98	42.64	27.40	8.72	7.90	4.1	2.56	98.2
607	2/17/2010 17:16	12.98	42.55	27.34	8.70	7.90	3.7	2.46	97.9
608	2/17/2010 17:31	12.99	42.45	27.27	8.72	7.90	4.0	2.37	98.0
609	2/17/2010 17:46	13.00	42.41	27.24	8.71	7.90	3.7	2.29	98.0
610	2/17/2010 18:01	13.02	42.45	27.27	8.77	7.91	3.3	2.20	98.7
611	2/17/2010 18:16	13.07	42.29	27.15	8.78	7.91	3.1	2.11	98.8
612	2/17/2010 18:31	13.10	42.16	27.06	8.78	7.91	3.1	2.05	98.8
613	2/17/2010 18:46	13.14	42.14	27.05	8.79	7.90	2.9	2.00	99.0
614	2/17/2010 19:01	13.15	41.97	26.93	8.78	7.90	2.5	1.94	98.8
615	2/17/2010 19:16	13.16	41.95	26.92	8.73	7.90	2.4	1.91	98.3
616	2/17/2010 19:31	13.19	41.91	26.89	8.73	7.90	2.3	1.90	98.4
617	2/17/2010 19:46	13.15	42.05	26.99	8.71	7.91	2.2	1.91	98.1
618	2/17/2010 20:01	13.13	41.97	26.93	8.70	7.90	2.4	1.92	97.9
619	2/17/2010 20:16	13.13	42.02	26.96	8.70	7.89	2.6	1.98	98.0
620	2/17/2010 20:31	13.13	42.04	26.98	8.72	7.90	2.7	2.04	98.1
621	2/17/2010 20:46	13.12	41.90	26.88	8.68	7.89	3.5	2.10	97.6
622	2/17/2010 21:01	13.11	41.95	26.92	8.65	7.89	3.4	2.18	97.3
623	2/17/2010 21:16	13.09	41.99	26.94	8.59	7.88	3.7	2.26	96.6
624	2/17/2010 21:31	13.06	42.04	26.97	8.57	7.88	3.7	2.35	96.3
625	2/17/2010 21:46	13.04	42.32	27.18	8.53	7.90	3.8	2.43	96.0
626	2/17/2010 22:01	13.00	42.38	27.22	8.52	7.89	3.5	2.51	95.8
627	2/17/2010 22:16	12.95	42.64	27.40	8.50	7.89	3.7	2.60	95.6
628	2/17/2010 22:31	12.88	42.78	27.50	8.48	7.89	4.1	2.67	95.2
629	2/17/2010 22:46	12.84	43.13	27.74	8.46	7.89	4.2	2.75	95.2
630	2/17/2010 23:01	12.83	43.19	27.79	8.48	7.89	4.2	2.82	95.3
631	2/17/2010 23:16	12.80	43.38	27.92	8.48	7.90	5.0	2.91	95.4
632	2/17/2010 23:31	12.73	43.55	28.04	8.46	7.93	6.5	2.99	95.1
633	2/17/2010 23:46	12.65	43.56	28.04	8.48	7.91	8.4	3.07	95.1
634	2/18/2010 0:01	12.59	43.93	28.31	8.50	7.92	7.8	3.16	95.5
635	2/18/2010 0:16	12.55	44.02	28.37	8.52	7.92	7.7	3.25	95.6

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	
636	2/18/2010 0:31	12.51	44.33	28.59	8.51	7.95	7.4	3.33	95.5
637	2/18/2010 0:46	12.44	44.76	28.89	8.50	7.96	7.6	3.41	95.5
638	2/18/2010 1:01	12.35	45.07	29.11	8.52	7.97	8.0	3.49	95.6
639	2/18/2010 1:16	12.32	45.10	29.13	8.51	7.95	7.8	3.56	95.5
640	2/18/2010 1:31	12.28	45.56	29.46	8.50	7.98	6.4	3.61	95.5
641	2/18/2010 1:46	12.25	45.45	29.38	8.50	7.96	5.3	3.66	95.4
642	2/18/2010 2:01	12.23	45.47	29.40	8.51	7.96	4.3	3.70	95.4
643	2/18/2010 2:16	12.23	45.56	29.46	8.44	7.96	4.1	3.72	94.7
644	2/18/2010 2:31	12.26	45.45	29.38	8.41	7.95	4.8	3.72	94.4
645	2/18/2010 2:46	12.23	45.53	29.44	8.44	7.96	5.0	3.68	94.7
646	2/18/2010 3:01	12.24	45.71	29.57	8.42	7.98	5.2	3.65	94.6
647	2/18/2010 3:16	12.34	44.29	28.56	8.36	7.92	4.7	3.59	93.5
648	2/18/2010 3:31	12.42	44.50	28.71	8.30	7.94	4.0	3.51	93.1
649	2/18/2010 3:46	12.42	44.37	28.62	8.28	7.94	4.6	3.43	92.8
650	2/18/2010 4:01	12.47	44.28	28.55	8.22	7.93	5.0	3.32	92.2
651	2/18/2010 4:16	12.52	43.39	27.92	8.22	7.89	5.9	3.25	91.9
652	2/18/2010 4:31	12.50	43.70	28.14	8.22	7.91	4.6	3.15	92.0
653	2/18/2010 4:46	12.52	43.69	28.13	8.18	7.90	3.8	3.04	91.6
654	2/18/2010 5:01	12.50	43.82	28.23	8.17	7.89	4.2	2.95	91.5
655	2/18/2010 5:16	12.56	43.51	28.01	8.17	7.90	4.1	2.86	91.4
656	2/18/2010 5:31	12.57	43.52	28.01	8.15	7.89	3.9	2.76	91.3
657	2/18/2010 5:46	12.59	43.37	27.90	8.17	7.90	3.7	2.67	91.5
658	2/18/2010 6:01	12.67	42.97	27.63	8.17	7.89	4.2	2.57	91.5
659	2/18/2010 6:16	12.66	42.83	27.53	8.13	7.88	3.6	2.48	90.9
660	2/18/2010 6:31	12.63	42.69	27.43	8.09	7.88	4.0	2.41	90.4
661	2/18/2010 6:46	12.60	42.62	27.38	8.07	7.88	3.3	2.32	90.0
662	2/18/2010 7:01	12.62	42.45	27.25	8.04	7.87	3.2	2.24	89.7
663	2/18/2010 7:16	12.63	42.34	27.18	8.01	7.86	2.7	2.16	89.4
664	2/18/2010 7:31	12.69	42.10	27.01	8.03	7.85	2.4	2.11	89.6
665	2/18/2010 7:46	12.70	42.05	26.97	8.01	7.85	2.4	2.04	89.4
666	2/18/2010 8:01	12.72	42.10	27.01	8.02	7.86	2.2	2.00	89.5
667	2/18/2010 8:16	12.74	42.00	26.94	7.98	7.86	2.1	2.00	89.1
668	2/18/2010 8:31	12.72	42.02	26.96	7.98	7.86	2.1	2.00	89.1
669	2/18/2010 8:46	12.71	41.95	26.90	8.01	7.85	2.2	2.02	89.3
670	2/18/2010 9:01	12.70	42.13	27.03	8.01	7.85	2.3	2.05	89.4
671	2/18/2010 9:16	12.70	42.15	27.05	8.03	7.86	2.5	2.11	89.6
672	2/18/2010 9:31	12.68	42.01	26.94	8.01	7.86	3.5	2.17	89.3
673	2/18/2010 9:46	12.71	42.02	26.95	7.98	7.86	3.4	2.23	89.0
674	2/18/2010 10:01	12.70	42.04	26.96	7.95	7.85	3.3	2.32	88.7
675	2/18/2010 10:16	12.70	42.11	27.01	7.95	7.86	3.6	2.39	88.7
676	2/18/2010 10:31	12.69	42.29	27.14	7.97	7.85	3.6	2.45	89.0
677	2/18/2010 10:46	12.67	42.36	27.19	8.00	7.86	3.4	2.53	89.3
678	2/18/2010 11:01	12.64	42.60	27.36	8.00	7.87	3.4	2.59	89.3
679	2/18/2010 11:16	12.63	43.07	27.69	8.05	7.89	3.4	2.65	90.1
680	2/18/2010 11:31	12.65	43.05	27.68	8.09	7.89	3.0	2.71	90.5
681	2/18/2010 11:46	12.64	43.22	27.80	8.11	7.89	3.1	2.78	90.8
682	2/18/2010 12:01	12.63	43.39	27.92	8.11	7.90	3.0	2.84	90.8
683	2/18/2010 12:16	12.63	43.45	27.97	8.09	7.90	2.9	2.90	90.7
684	2/18/2010 12:31	12.61	43.61	28.08	8.10	7.92	3.1	2.96	90.9
685	2/18/2010 12:46	12.57	43.77	28.20	8.10	7.92	3.1	3.01	90.8
686	2/18/2010 13:01	12.55	43.86	28.26	8.11	7.93	3.1	3.08	90.9
687	2/18/2010 13:16	12.53	43.94	28.31	8.11	7.93	3.2	3.13	91.0
688	2/18/2010 13:31	12.52	44.03	28.38	8.13	7.93	3.1	3.18	91.2

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	
689	2/18/2010 13:46	12.50	44.06	28.40	8.15	7.93	3.1	3.23	91.3
690	2/18/2010 14:01	12.49	44.06	28.40	8.16	7.92	3.1	3.26	91.5
691	2/18/2010 14:16	12.48	44.18	28.48	8.16	7.93	2.6	3.29	91.4
692	2/18/2010 14:31	12.48	44.14	28.45	8.11	7.92	2.6	3.31	90.9
693	2/18/2010 14:46	12.49	44.18	28.48	8.06	7.93	2.3	3.32	90.4
694	2/18/2010 15:01	12.48	44.27	28.55	8.03	7.93	2.5	3.29	90.1
695	2/18/2010 15:16	12.48	44.26	28.54	8.05	7.93	2.8	3.28	90.2
696	2/18/2010 15:31	12.49	44.12	28.44	8.05	7.93	3.5	3.22	90.2
697	2/18/2010 15:46	12.69	43.76	28.19	8.25	7.93	3.8	3.16	92.8
698	2/18/2010 16:01	12.73	43.57	28.06	8.24	7.93	3.1	3.09	92.6
699	2/18/2010 16:16	12.69	43.56	28.04	8.15	7.91	2.9	3.01	91.5
700	2/18/2010 16:31	12.64	43.74	28.17	8.16	7.92	2.9	2.93	91.6
701	2/18/2010 16:46	12.63	43.64	28.10	8.14	7.92	2.5	2.86	91.3
702	2/18/2010 17:01	12.71	43.30	27.86	8.19	7.92	2.5	2.77	91.9
703	2/18/2010 17:16	12.72	43.11	27.73	8.20	7.92	2.7	2.70	91.9
704	2/18/2010 17:31	12.73	42.83	27.53	8.19	7.90	2.7	2.63	91.7
705	2/18/2010 17:46	12.70	42.86	27.55	8.17	7.90	3.5	2.54	91.5
706	2/18/2010 18:01	12.73	42.63	27.39	8.15	7.90	3.0	2.46	91.2
707	2/18/2010 18:16	12.72	42.42	27.24	8.13	7.89	3.2	2.40	90.9
708	2/18/2010 18:31	12.72	42.64	27.40	8.10	7.89	2.5	2.32	90.6
709	2/18/2010 18:46	12.70	42.63	27.38	8.10	7.90	2.7	2.25	90.7
710	2/18/2010 19:01	12.74	42.46	27.26	8.11	7.90	2.7	2.20	90.7
711	2/18/2010 19:16	12.75	42.47	27.27	8.11	7.90	2.3	2.15	90.8
712	2/18/2010 19:31	12.78	42.12	27.03	8.16	7.89	2.4	2.12	91.2
713	2/18/2010 19:46	12.77	42.21	27.09	8.17	7.90	1.9	2.10	91.4
714	2/18/2010 20:01	12.73	42.10	27.01	8.07	7.89	1.7	2.10	90.1
715	2/18/2010 20:16	12.75	42.16	27.05	8.07	7.89	2.3	2.11	90.2
716	2/18/2010 20:31	12.75	42.10	27.01	8.10	7.88	2.1	2.14	90.4
717	2/18/2010 20:46	12.74	42.20	27.08	8.09	7.89	2.6	2.18	90.4
718	2/18/2010 21:01	12.74	42.27	27.13	8.09	7.88	2.8	2.24	90.4
719	2/18/2010 21:16	12.74	42.23	27.10	8.06	7.88	2.7	2.31	90.0
720	2/18/2010 21:31	12.74	42.20	27.08	8.03	7.88	2.8	2.37	89.8
721	2/18/2010 21:46	12.73	42.08	27.00	8.01	7.88	3.1	2.44	89.4
722	2/18/2010 22:01	12.73	42.42	27.24	8.02	7.88	3.1	2.51	89.7
723	2/18/2010 22:16	12.73	42.62	27.38	8.02	7.89	3.1	2.58	89.8
724	2/18/2010 22:31	12.70	42.60	27.36	8.01	7.89	3.1	2.65	89.6
725	2/18/2010 22:46	12.66	42.93	27.60	8.00	7.89	3.1	2.71	89.5
726	2/18/2010 23:01	12.63	43.22	27.80	7.99	7.89	3.1	2.79	89.5
727	2/18/2010 23:16	12.61	43.38	27.92	7.99	7.91	3.4	2.86	89.5
728	2/18/2010 23:31	12.61	43.41	27.93	7.99	7.90	3.3	2.93	89.5
729	2/18/2010 23:46	12.56	43.75	28.18	7.98	7.92	3.8	3.01	89.5
730	2/19/2010 0:01	12.51	43.90	28.28	7.97	7.92	4.6	3.09	89.3
731	2/19/2010 0:16	12.48	43.93	28.31	7.99	7.92	5.6	3.16	89.4
732	2/19/2010 0:31	12.43	44.16	28.47	7.97	7.93	5.4	3.25	89.3
733	2/19/2010 0:46	12.38	44.22	28.51	7.99	7.92	4.9	3.33	89.4
734	2/19/2010 1:01	12.32	44.45	28.67	8.00	7.95	5.1	3.41	89.5
735	2/19/2010 1:16	12.30	44.52	28.71	8.00	7.93	4.9	3.48	89.4
736	2/19/2010 1:31	12.24	44.64	28.80	8.01	7.94	5.1	3.55	89.5
737	2/19/2010 1:46	12.17	44.87	28.97	8.04	7.95	4.6	3.62	89.8
738	2/19/2010 2:01	12.13	45.01	29.07	8.03	7.95	4.5	3.67	89.7
739	2/19/2010 2:16	12.12	45.10	29.12	8.03	7.96	3.9	3.72	89.7
740	2/19/2010 2:31	12.09	45.25	29.23	7.99	7.98	3.5	3.75	89.2
741	2/19/2010 2:46	12.09	45.21	29.20	7.98	7.98	3.2	3.76	89.1

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	
742	2/19/2010 3:01	12.11	45.12	29.14	7.91	7.95	3.2	3.76	88.4
743	2/19/2010 3:16	12.09	45.22	29.21	7.95	7.96	3.9	3.73	88.8
744	2/19/2010 3:31	12.18	44.62	28.78	7.90	7.93	4.0	3.70	88.2
745	2/19/2010 3:46	12.19	44.32	28.57	7.89	7.92	3.7	3.63	88.0
746	2/19/2010 4:01	12.23	44.21	28.50	7.86	7.92	4.5	3.55	87.7
747	2/19/2010 4:16	12.28	44.02	28.36	7.82	7.91	4.2	3.48	87.2
748	2/19/2010 4:31	12.24	43.67	28.11	7.83	7.90	5.9	3.38	87.1
749	2/19/2010 4:46	12.28	43.78	28.19	7.81	7.91	4.3	3.30	87.0
750	2/19/2010 5:01	12.27	43.69	28.13	7.77	7.90	4.1	3.20	86.6
751	2/19/2010 5:16	12.30	43.75	28.17	7.78	7.91	3.5	3.10	86.7
752	2/19/2010 5:31	12.25	43.65	28.10	7.77	7.90	4.0	3.01	86.5
753	2/19/2010 5:46	12.31	43.56	28.04	7.77	7.90	4.0	2.93	86.6
754	2/19/2010 6:01	12.29	43.63	28.08	7.74	7.89	3.6	2.83	86.2
755	2/19/2010 6:16	12.31	43.43	27.94	7.74	7.88	3.5	2.73	86.2
756	2/19/2010 6:31	12.32	43.44	27.95	7.70	7.89	3.7	2.64	85.7
757	2/19/2010 6:46	12.32	43.14	27.73	7.68	7.88	3.4	2.56	85.4
758	2/19/2010 7:01	12.29	43.11	27.71	7.68	7.87	3.2	2.46	85.3
759	2/19/2010 7:16	12.27	43.07	27.69	7.69	7.87	3.6	2.37	85.4
760	2/19/2010 7:31	12.25	42.82	27.51	7.65	7.86	4.0	2.30	84.8
761	2/19/2010 7:46	12.22	42.62	27.36	7.63	7.87	2.6	2.21	84.4
762	2/19/2010 8:01	12.24	42.60	27.35	7.60	7.86	2.5	2.14	84.2
763	2/19/2010 8:16	12.28	42.42	27.22	7.59	7.86	2.3	2.08	84.1
764	2/19/2010 8:31	12.28	42.38	27.20	7.59	7.86	2.2	2.03	84.1
765	2/19/2010 8:46	12.31	42.26	27.11	7.58	7.86	1.9	2.01	84.0
766	2/19/2010 9:01	12.32	42.35	27.18	7.58	7.86	2.0	1.98	84.0
767	2/19/2010 9:16	12.31	42.42	27.22	7.60	7.86	2.0	1.98	84.3
768	2/19/2010 9:31	12.31	42.43	27.23	7.59	7.86	2.1	2.00	84.1
769	2/19/2010 9:46	12.32	42.42	27.22	7.59	7.86	2.2	2.04	84.1
770	2/19/2010 10:01	12.37	42.28	27.13	7.63	7.85	2.2	2.10	84.6
771	2/19/2010 10:16	12.37	42.23	27.09	7.62	7.86	2.5	2.14	84.5
772	2/19/2010 10:31	12.38	42.21	27.08	7.60	7.85	2.5	2.21	84.2
773	2/19/2010 10:46	12.36	42.21	27.08	7.59	7.85	2.7	2.29	84.2
774	2/19/2010 11:01	12.36	42.29	27.13	7.56	7.86	2.8	2.34	83.8
775	2/19/2010 11:16	12.35	42.41	27.22	7.57	7.85	2.7	2.42	84.0
776	2/19/2010 11:31	12.34	42.73	27.44	7.55	7.87	3.0	2.48	83.9
777	2/19/2010 11:46	12.34	42.84	27.52	7.55	7.87	2.9	2.54	83.9
778	2/19/2010 12:01	12.34	42.94	27.59	7.55	7.87	2.7	2.59	84.0
779	2/19/2010 12:16	12.35	43.02	27.65	7.56	7.88	2.7	2.64	84.1
780	2/19/2010 12:31	12.38	43.05	27.67	7.62	7.88	2.6	2.70	84.8
781	2/19/2010 12:46	12.41	43.34	27.88	7.65	7.89	2.3	2.76	85.4
782	2/19/2010 13:01	12.41	43.46	27.97	7.66	7.89	2.3	2.81	85.5
783	2/19/2010 13:16	12.41	43.46	27.97	7.66	7.90	2.3	2.86	85.5
784	2/19/2010 13:31	12.41	43.68	28.13	7.66	7.90	2.4	2.93	85.6
785	2/19/2010 13:46	12.41	43.70	28.14	7.66	7.90	2.3	2.98	85.6
786	2/19/2010 14:01	12.41	43.77	28.18	7.67	7.89	2.3	3.02	85.7
787	2/19/2010 14:16	12.36	43.91	28.29	7.67	7.91	2.5	3.08	85.6
788	2/19/2010 14:31	12.36	43.96	28.32	7.65	7.91	2.1	3.13	85.4
789	2/19/2010 14:46	12.34	43.93	28.30	7.66	7.90	2.1	3.16	85.5
790	2/19/2010 15:01	12.34	44.12	28.44	7.64	7.91	2.1	3.20	85.4
791	2/19/2010 15:16	12.36	44.07	28.40	7.64	7.93	2.1	3.21	85.4
792	2/19/2010 15:31	12.37	43.90	28.28	7.60	7.90	1.9	3.21	84.8
793	2/19/2010 15:46	12.36	43.86	28.25	7.58	7.90	2.1	3.21	84.7
794	2/19/2010 16:01	12.36	44.00	28.35	7.61	7.90	2.1	3.18	85.0

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	
795	2/19/2010 16:16	12.37	44.03	28.37	7.60	7.90	2.6	3.13	85.0
796	2/19/2010 16:31	12.41	44.02	28.37	7.59	7.91	2.2	3.08	84.9
797	2/19/2010 16:46	12.56	43.62	28.09	7.71	7.90	2.3	3.03	86.3
798	2/19/2010 17:01	12.54	43.65	28.11	7.76	7.91	2.2	2.95	86.9
799	2/19/2010 17:16	12.46	43.70	28.14	7.73	7.90	2.7	2.89	86.4
800	2/19/2010 17:31	12.44	43.80	28.21	7.70	7.91	2.7	2.83	86.1
801	2/19/2010 17:46	12.44	43.65	28.10	7.71	7.91	2.0	2.76	86.1
802	2/19/2010 18:01	12.46	43.56	28.04	7.76	7.92	2.0	2.70	86.8
803	2/19/2010 18:16	12.43	43.60	28.07	7.80	7.92	2.1	2.64	87.1
804	2/19/2010 18:31	12.51	43.30	27.86	7.91	7.92	2.2	2.58	88.4
805	2/19/2010 18:46	12.49	43.00	27.64	7.79	7.91	2.5	2.53	86.9
806	2/19/2010 19:01	12.45	43.02	27.65	7.78	7.92	2.2	2.46	86.7
807	2/19/2010 19:16	12.49	42.76	27.47	7.77	7.90	2.1	2.42	86.6
808	2/19/2010 19:31	12.51	42.68	27.41	7.75	7.90	2.0	2.39	86.4
809	2/19/2010 19:46	12.50	42.68	27.41	7.78	7.90	1.9	2.34	86.6
810	2/19/2010 20:01	12.53	42.60	27.36	7.80	7.90	1.7	2.32	86.9
811	2/19/2010 20:16	12.52	42.61	27.36	7.73	7.90	1.6	2.31	86.2
812	2/19/2010 20:31	12.49	42.61	27.36	7.75	7.90	1.6	2.32	86.3
813	2/19/2010 20:46	12.50	42.63	27.38	7.76	7.90	1.7	2.32	86.4
814	2/19/2010 21:01	12.49	42.58	27.34	7.66	7.88	2.0	2.33	85.3
815	2/19/2010 21:16	12.49	42.71	27.43	7.68	7.88	2.3	2.36	85.5
816	2/19/2010 21:31	12.47	42.79	27.49	7.71	7.90	2.1	2.41	85.8
817	2/19/2010 21:46	12.47	42.72	27.44	7.71	7.89	2.4	2.47	85.9
818	2/19/2010 22:01	12.48	42.85	27.54	7.70	7.90	2.4	2.53	85.9
819	2/19/2010 22:16	12.49	42.61	27.36	7.69	7.89	2.3	2.58	85.7
820	2/19/2010 22:31	12.50	42.84	27.53	7.69	7.89	2.5	2.65	85.7
821	2/19/2010 22:46	12.51	43.09	27.71	7.68	7.89	2.4	2.71	85.7
822	2/19/2010 23:01	12.48	43.18	27.77	7.66	7.90	2.6	2.77	85.4
823	2/19/2010 23:16	12.46	43.16	27.75	7.62	7.89	2.4	2.83	85.0
824	2/19/2010 23:31	12.44	43.53	28.02	7.61	7.89	2.6	2.89	84.9
825	2/19/2010 23:46	12.39	43.63	28.08	7.60	7.90	2.7	2.97	84.9
826	2/20/2010 0:01	12.37	43.85	28.24	7.60	7.90	2.4	3.03	84.9
827	2/20/2010 0:16	12.36	44.07	28.40	7.59	7.93	2.6	3.10	84.9
828	2/20/2010 0:31	12.33	44.08	28.41	7.57	7.93	2.9	3.17	84.6
829	2/20/2010 0:46	12.30	44.10	28.42	7.59	7.91	3.1	3.26	84.7
830	2/20/2010 1:01	12.26	44.25	28.52	7.59	7.94	5.1	3.33	84.8
831	2/20/2010 1:16	12.23	44.29	28.55	7.60	7.92	4.5	3.41	84.7
832	2/20/2010 1:31	12.19	44.43	28.65	7.59	7.94	4.0	3.48	84.7
833	2/20/2010 1:46	12.16	44.65	28.81	7.58	7.95	3.9	3.55	84.5
834	2/20/2010 2:01	12.11	44.67	28.82	7.59	7.94	3.8	3.61	84.6
835	2/20/2010 2:16	12.09	44.83	28.93	7.62	7.94	3.4	3.67	85.0
836	2/20/2010 2:31	12.05	45.00	29.06	7.64	7.95	3.4	3.72	85.2
837	2/20/2010 2:46	12.03	45.19	29.19	7.65	7.98	3.2	3.76	85.4
838	2/20/2010 3:01	12.03	45.33	29.29	7.59	7.98	2.3	3.79	84.7
839	2/20/2010 3:16	12.02	45.35	29.30	7.54	7.97	2.3	3.80	84.1
840	2/20/2010 3:31	12.03	45.24	29.22	7.52	7.95	2.1	3.80	83.9
841	2/20/2010 3:46	12.02	45.29	29.25	7.56	7.95	3.4	3.78	84.4
842	2/20/2010 4:01	12.02	45.27	29.24	7.59	7.95	3.0	3.73	84.7
843	2/20/2010 4:16	12.07	44.58	28.75	7.47	7.94	3.2	3.68	83.2
844	2/20/2010 4:31	12.06	44.36	28.59	7.47	7.91	3.2	3.62	83.0
845	2/20/2010 4:46	12.10	44.23	28.50	7.44	7.91	3.5	3.54	82.7
846	2/20/2010 5:01	12.12	44.51	28.71	7.49	7.92	4.0	3.46	83.4
847	2/20/2010 5:16	12.16	44.08	28.40	7.44	7.93	4.3	3.37	82.9

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	
848	2/20/2010 5:31	12.14	43.91	28.27	7.42	7.92	3.8	3.29	82.5
849	2/20/2010 5:46	12.14	43.82	28.21	7.43	7.91	3.1	3.19	82.5
850	2/20/2010 6:01	12.13	43.85	28.23	7.40	7.89	2.9	3.09	82.2
851	2/20/2010 6:16	12.14	43.92	28.29	7.41	7.90	3.0	3.01	82.3
852	2/20/2010 6:31	12.14	43.80	28.20	7.37	7.90	2.6	2.93	81.9
853	2/20/2010 6:46	12.19	43.70	28.13	7.35	7.88	2.9	2.84	81.8
854	2/20/2010 7:01	12.22	43.58	28.05	7.35	7.88	2.7	2.74	81.8
855	2/20/2010 7:16	12.25	43.26	27.82	7.39	7.88	3.8	2.66	82.1
856	2/20/2010 7:31	12.18	43.67	28.11	7.32	7.89	2.3	2.58	81.4
857	2/20/2010 7:46	12.17	43.38	27.90	7.34	7.88	2.8	2.49	81.4
858	2/20/2010 8:01	12.17	43.28	27.83	7.35	7.87	2.5	2.41	81.6
859	2/20/2010 8:16	12.20	42.97	27.61	7.36	7.87	2.4	2.33	81.6
860	2/20/2010 8:31	12.16	43.07	27.68	7.35	7.87	2.2	2.24	81.4
861	2/20/2010 8:46	12.19	42.75	27.45	7.36	7.86	2.1	2.16	81.5
862	2/20/2010 9:01	12.19	42.94	27.59	7.36	7.87	2.3	2.11	81.6
863	2/20/2010 9:16	12.22	42.75	27.45	7.35	7.87	1.7	2.06	81.5
864	2/20/2010 9:31	12.24	42.63	27.37	7.35	7.87	1.4	2.02	81.4
865	2/20/2010 9:46	12.25	42.62	27.36	7.34	7.86	1.4	1.99	81.3
866	2/20/2010 10:01	12.25	42.58	27.34	7.36	7.86	1.6	1.98	81.5
867	2/20/2010 10:16	12.24	42.75	27.46	7.35	7.86	1.6	2.01	81.5
868	2/20/2010 10:31	12.24	42.68	27.40	7.36	7.86	1.6	2.02	81.5
869	2/20/2010 10:46	12.25	42.59	27.34	7.36	7.86	1.6	2.07	81.5
870	2/20/2010 11:01	12.27	42.70	27.42	7.36	7.86	1.6	2.12	81.6
871	2/20/2010 11:16	12.26	42.64	27.38	7.33	7.86	1.7	2.17	81.3
872	2/20/2010 11:31	12.26	42.52	27.30	7.32	7.86	1.8	2.22	81.0
873	2/20/2010 11:46	12.25	42.64	27.38	7.30	7.85	2.0	2.28	80.9
874	2/20/2010 12:01	12.25	42.59	27.34	7.27	7.85	2.1	2.34	80.6
875	2/20/2010 12:16	12.25	42.68	27.41	7.26	7.86	2.0	2.38	80.5
876	2/20/2010 12:31	12.24	42.68	27.40	7.26	7.86	2.1	2.43	80.4
877	2/20/2010 12:46	12.22	42.80	27.49	7.25	7.86	2.3	2.50	80.4
878	2/20/2010 13:01	12.22	43.11	27.71	7.22	7.88	2.4	2.53	80.1
879	2/20/2010 13:16	12.22	43.07	27.68	7.22	7.87	2.3	2.58	80.1
880	2/20/2010 13:31	12.22	43.30	27.84	7.24	7.87	2.2	2.64	80.4
881	2/20/2010 13:46	12.24	43.28	27.83	7.28	7.88	2.4	2.69	80.9
882	2/20/2010 14:01	12.25	43.51	28.00	7.29	7.89	2.0	2.73	81.1
883	2/20/2010 14:16	12.26	43.44	27.95	7.30	7.88	2.0	2.80	81.2
884	2/20/2010 14:31	12.26	43.48	27.97	7.32	7.88	1.9	2.84	81.4
885	2/20/2010 14:46	12.25	43.61	28.07	7.32	7.89	1.8	2.89	81.4
886	2/20/2010 15:01	12.24	43.85	28.24	7.30	7.90	1.8	2.94	81.3
887	2/20/2010 15:16	12.23	43.71	28.14	7.29	7.90	1.7	2.98	81.2
888	2/20/2010 15:31	12.23	43.76	28.18	7.28	7.90	1.7	3.01	81.0
889	2/20/2010 15:46	12.21	43.96	28.31	7.25	7.91	1.6	3.05	80.7
890	2/20/2010 16:01	12.21	43.89	28.26	7.25	7.89	1.6	3.08	80.7
891	2/20/2010 16:16	12.21	43.81	28.21	7.22	7.89	1.3	3.10	80.3
892	2/20/2010 16:31	12.22	43.84	28.23	7.26	7.89	1.6	3.10	80.8
893	2/20/2010 16:46	12.21	43.99	28.33	7.19	7.89	1.5	3.09	80.1
894	2/20/2010 17:01	12.19	43.96	28.31	7.17	7.89	1.5	3.09	79.8
895	2/20/2010 17:16	12.19	43.95	28.31	7.21	7.89	1.8	3.05	80.3
896	2/20/2010 17:31	12.20	44.05	28.38	7.21	7.90	2.0	3.01	80.3
897	2/20/2010 17:46	12.22	43.76	28.18	7.22	7.91	1.8	2.98	80.4
898	2/20/2010 18:01	12.25	43.64	28.09	7.27	7.89	2.1	2.92	80.9
899	2/20/2010 18:16	12.27	43.47	27.97	7.36	7.89	2.1	2.87	81.9
900	2/20/2010 18:31	12.26	43.51	27.99	7.31	7.89	1.8	2.83	81.3

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	2/20/2010 18:46	12.22	43.53	28.01	7.28	7.89	1.9	2.76	80.9
902	2/20/2010 19:01	12.19	43.38	27.90	7.30	7.89	2.1	2.71	81.1
903	2/20/2010 19:16	12.17	43.34	27.87	7.34	7.89	1.9	2.68	81.5
904	2/20/2010 19:31	12.19	43.05	27.67	7.32	7.88	2.0	2.63	81.2
905	2/20/2010 19:46	12.19	43.04	27.66	7.30	7.88	1.8	2.58	80.9
906	2/20/2010 20:01	12.17	43.07	27.68	7.28	7.88	1.9	2.56	80.7
907	2/20/2010 20:16	12.17	43.08	27.68	7.24	7.89	1.8	2.54	80.2
908	2/20/2010 20:31	12.17	42.78	27.48	7.21	7.87	1.6	2.51	79.8
909	2/20/2010 20:46	12.17	42.70	27.42	7.18	7.87	1.4	2.50	79.5
910	2/20/2010 21:01	12.24	43.33	27.87	7.14	7.88	1.3	2.49	79.4
911	2/20/2010 21:16	12.17	43.12	27.71	7.20	7.88	1.6	2.51	79.8
912	2/20/2010 21:31	12.13	42.88	27.55	7.23	7.87	1.4	2.52	80.0
913	2/20/2010 21:46	12.13	42.79	27.48	7.29	7.88	1.4	2.55	80.7
914	2/20/2010 22:01	12.18	43.00	27.63	7.26	7.88	1.9	2.57	80.4
915	2/20/2010 22:16	12.19	43.14	27.73	7.24	7.88	1.8	2.61	80.3
916	2/20/2010 22:31	12.18	43.17	27.75	7.25	7.88	2.0	2.65	80.3
917	2/20/2010 22:46	12.18	43.11	27.71	7.24	7.88	2.0	2.70	80.3
918	2/20/2010 23:01	12.20	43.13	27.72	7.20	7.88	2.1	2.75	79.9
919	2/20/2010 23:16	12.19	43.37	27.89	7.21	7.88	2.0	2.80	80.1
920	2/20/2010 23:31	12.19	43.60	28.06	7.19	7.89	2.1	2.86	79.9
921	2/20/2010 23:46	12.15	43.59	28.05	7.20	7.89	2.2	2.91	79.9
922	2/21/2010 0:01	12.15	43.89	28.26	7.18	7.89	2.1	2.97	79.8
923	2/21/2010 0:16	12.14	43.95	28.31	7.19	7.90	2.3	3.04	80.0
924	2/21/2010 0:31	12.09	44.19	28.48	7.21	7.90	2.1	3.11	80.1
925	2/21/2010 0:46	12.08	44.42	28.64	7.20	7.92	1.9	3.17	80.1
926	2/21/2010 1:01	12.08	44.49	28.69	7.22	7.91	2.1	3.24	80.3
927	2/21/2010 1:16	12.06	44.68	28.83	7.23	7.92	2.3	3.31	80.5
928	2/21/2010 1:31	12.05	44.76	28.88	7.24	7.92	2.7	3.37	80.7
929	2/21/2010 1:46	12.02	44.95	29.01	7.23	7.94	2.8	3.45	80.6
930	2/21/2010 2:01	12.00	44.88	28.96	7.25	7.94	2.5	3.52	80.7
931	2/21/2010 2:16	11.99	45.16	29.17	7.24	7.95	2.4	3.57	80.7
932	2/21/2010 2:31	11.97	45.09	29.11	7.25	7.95	2.4	3.64	80.7
933	2/21/2010 2:46	11.93	45.09	29.11	7.29	7.94	2.6	3.69	81.1
934	2/21/2010 3:01	11.91	45.20	29.19	7.32	7.95	2.4	3.74	81.5
935	2/21/2010 3:16	11.89	45.26	29.23	7.35	7.95	2.8	3.77	81.8
936	2/21/2010 3:31	11.88	45.54	29.43	7.33	7.97	2.5	3.81	81.6
937	2/21/2010 3:46	11.87	45.48	29.39	7.34	7.95	2.5	3.83	81.7
938	2/21/2010 4:01	11.91	45.27	29.24	7.28	7.94	2.7	3.84	81.0
939	2/21/2010 4:16	11.85	45.45	29.36	7.33	7.95	2.6	3.82	81.5
940	2/21/2010 4:31	11.85	45.54	29.43	7.31	7.95	2.6	3.81	81.4
941	2/21/2010 4:46	11.87	45.05	29.08	7.23	7.93	3.2	3.77	80.3
942	2/21/2010 5:01	11.85	44.88	28.96	7.14	7.94	2.8	3.71	79.2
943	2/21/2010 5:16	11.86	44.31	28.55	7.11	7.90	2.6	3.65	78.7
944	2/21/2010 5:31	11.91	44.90	28.97	7.16	7.92	2.5	3.58	79.5
945	2/21/2010 5:46	11.90	44.56	28.73	7.16	7.91	2.9	3.50	79.4
946	2/21/2010 6:01	11.88	44.14	28.43	7.13	7.90	3.3	3.42	78.8
947	2/21/2010 6:16	11.89	44.08	28.39	7.12	7.90	3.1	3.33	78.7
948	2/21/2010 6:31	11.89	43.96	28.30	7.11	7.89	2.7	3.25	78.6
949	2/21/2010 6:46	11.91	43.89	28.25	7.08	7.88	2.3	3.16	78.3
950	2/21/2010 7:01	11.88	43.84	28.22	7.08	7.89	2.3	3.07	78.2
951	2/21/2010 7:16	11.84	43.81	28.20	7.07	7.89	2.1	2.99	78.1
952	2/21/2010 7:31	11.85	43.75	28.15	7.06	7.88	2.1	2.91	77.9
953	2/21/2010 7:46	11.84	43.91	28.26	7.06	7.88	2.0	2.82	78.0

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	
954	2/21/2010 8:01	11.85	43.50	27.97	7.07	7.88	2.6	2.73	78.0
955	2/21/2010 8:16	11.80	43.83	28.21	7.05	7.89	1.8	2.65	77.8
956	2/21/2010 8:31	11.83	43.14	27.72	7.07	7.87	2.0	2.56	77.7
957	2/21/2010 8:46	11.82	43.30	27.83	7.09	7.87	2.0	2.48	78.0
958	2/21/2010 9:01	11.82	43.23	27.78	7.17	7.88	2.0	2.40	78.9
959	2/21/2010 9:16	11.84	43.33	27.85	7.25	7.89	1.7	2.31	79.9
960	2/21/2010 9:31	11.89	42.89	27.54	7.20	7.87	1.7	2.24	79.2
961	2/21/2010 9:46	11.94	42.89	27.54	7.34	7.88	1.8	2.16	80.8
962	2/21/2010 10:01	11.98	42.91	27.56	7.35	7.89	1.8	2.09	81.1
963	2/21/2010 10:16	12.02	42.89	27.55	7.37	7.89	1.7	2.05	81.4
964	2/21/2010 10:31	12.06	42.86	27.53	7.34	7.89	1.5	2.02	81.1
965	2/21/2010 10:46	12.06	42.81	27.49	7.30	7.88	1.6	1.98	80.6
966	2/21/2010 11:01	12.09	42.84	27.51	7.31	7.88	1.6	1.98	80.8
967	2/21/2010 11:16	12.00	42.87	27.53	7.16	7.87	1.4	1.99	79.0
968	2/21/2010 11:31	12.02	42.87	27.53	7.15	7.87	1.5	2.01	78.9
969	2/21/2010 11:46	12.02	42.89	27.55	7.16	7.91	1.8	2.05	79.0
970	2/21/2010 12:01	12.04	42.89	27.55	7.11	7.90	1.7	2.07	78.6
971	2/21/2010 12:16	12.11	42.85	27.52	7.11	7.86	1.8	2.13	78.6
972	2/21/2010 12:31	12.15	42.36	27.18	7.12	7.86	2.1	2.17	78.6
973	2/21/2010 12:46	12.13	42.30	27.13	7.11	7.86	2.0	2.22	78.5
974	2/21/2010 13:01	12.05	42.38	27.18	7.07	7.85	2.1	2.27	77.9
975	2/21/2010 13:16	12.07	42.52	27.29	7.05	7.85	1.9	2.32	77.8
976	2/21/2010 13:31	12.04	42.60	27.34	7.02	7.85	1.9	2.38	77.4
977	2/21/2010 13:46	12.00	42.68	27.40	6.99	7.85	1.8	2.42	77.0
978	2/21/2010 14:01	11.96	42.90	27.55	6.96	7.86	2.1	2.47	76.7
979	2/21/2010 14:16	12.00	42.83	27.50	6.97	7.86	2.0	2.53	76.9
980	2/21/2010 14:31	12.26	43.00	27.64	7.03	7.86	2.0	2.58	78.0
981	2/21/2010 14:46	12.36	43.23	27.80	7.05	7.87	1.8	2.62	78.5
982	2/21/2010 15:01	12.23	43.42	27.93	7.06	7.88	1.6	2.68	78.4
983	2/21/2010 15:16	12.08	43.65	28.09	7.00	7.88	1.8	2.74	77.7
984	2/21/2010 15:31	12.09	43.74	28.15	7.01	7.88	2.0	2.77	77.7
985	2/21/2010 15:46	12.08	43.73	28.15	7.00	7.88	1.8	2.82	77.6
986	2/21/2010 16:01	12.06	43.81	28.20	7.00	7.88	1.8	2.87	77.6
987	2/21/2010 16:16	12.06	43.89	28.26	7.00	7.88	1.8	2.91	77.7
988	2/21/2010 16:31	12.07	43.87	28.25	6.98	7.88	1.8	2.94	77.5
989	2/21/2010 16:46	12.08	43.76	28.17	6.99	7.89	1.6	2.97	77.6
990	2/21/2010 17:01	12.10	43.91	28.28	6.99	7.89	1.4	3.00	77.6
991	2/21/2010 17:16	12.12	43.96	28.31	6.93	7.88	1.4	3.03	77.0
992	2/21/2010 17:31	12.12	43.94	28.29	6.98	7.89	1.5	3.04	77.6
993	2/21/2010 17:46	12.11	43.89	28.26	6.88	7.88	1.2	3.05	76.4
994	2/21/2010 18:01	12.11	43.94	28.30	6.89	7.88	1.3	3.04	76.6
995	2/21/2010 18:16	12.12	43.98	28.32	6.89	7.88	1.4	3.02	76.5
996	2/21/2010 18:31	12.10	43.82	28.21	6.90	7.88	1.8	3.00	76.6
997	2/21/2010 18:46	12.11	43.86	28.24	6.93	7.88	1.6	2.98	77.0
998	2/21/2010 19:01	12.13	43.89	28.26	6.94	7.89	1.8	2.95	77.1
999	2/21/2010 19:16	12.26	43.54	28.02	7.02	7.89	1.6	2.91	78.2
1000	2/21/2010 19:31	12.41	43.60	28.07	7.08	7.90	1.8	2.88	79.0
1001	2/21/2010 19:46	12.53	43.49	27.99	7.08	7.90	1.7	2.83	79.2
1002	2/21/2010 20:01	12.52	43.55	28.04	7.32	7.94	2.0	2.80	81.9
1003	2/21/2010 20:16	12.39	43.47	27.97	7.25	7.92	1.9	2.77	80.9
1004	2/21/2010 20:31	12.38	43.35	27.89	7.22	7.91	1.8	2.74	80.5
1005	2/21/2010 20:46	12.32	43.34	27.88	7.20	7.91	1.7	2.72	80.2
1006	2/21/2010 21:01	12.22	43.23	27.80	7.13	7.90	1.6	2.72	79.2

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	
1007	2/21/2010 21:16	12.21	43.08	27.69	7.12	7.90	1.6	2.69	79.0
1008	2/21/2010 21:31	12.20	43.00	27.63	7.11	7.89	1.7	2.68	78.8
1009	2/21/2010 21:46	12.30	43.46	27.96	6.94	7.88	1.4	2.69	77.2
1010	2/21/2010 22:01	12.20	43.12	27.71	7.12	7.90	1.7	2.70	79.0
1011	2/21/2010 22:16	12.15	43.07	27.68	7.15	7.90	1.5	2.70	79.3
1012	2/21/2010 22:31	12.19	43.02	27.64	7.12	7.90	1.5	2.72	79.0
1013	2/21/2010 22:46	12.34	43.51	28.00	7.04	7.90	1.6	2.75	78.5
1014	2/21/2010 23:01	12.32	43.53	28.02	7.01	7.89	1.6	2.78	78.1
1015	2/21/2010 23:16	12.22	43.30	27.85	7.02	7.89	1.8	2.80	78.0
1016	2/21/2010 23:31	12.12	43.19	27.76	7.11	7.89	2.0	2.83	78.8
1017	2/21/2010 23:46	12.27	43.38	27.90	7.02	7.89	1.6	2.87	78.1
1018	2/22/2010 0:01	12.29	43.70	28.14	6.95	7.89	1.5	2.92	77.5
1019	2/22/2010 0:16	12.24	43.62	28.07	7.00	7.89	2.1	2.95	77.8
1020	2/22/2010 0:31	12.17	43.77	28.18	7.00	7.90	1.6	3.01	77.8
1021	2/22/2010 0:46	12.13	43.86	28.24	7.01	7.90	1.6	3.05	77.8
1022	2/22/2010 1:01	12.09	44.00	28.34	7.01	7.90	1.6	3.11	77.9
1023	2/22/2010 1:16	12.08	44.15	28.45	6.97	7.90	1.6	3.16	77.4
1024	2/22/2010 1:31	11.94	44.18	28.46	7.00	7.90	1.8	3.24	77.5
1025	2/22/2010 1:46	11.91	44.39	28.61	6.98	7.90	2.0	3.29	77.4
1026	2/22/2010 2:01	11.91	44.44	28.65	7.00	7.95	2.0	3.36	77.6
1027	2/22/2010 2:16	11.88	44.46	28.66	7.01	7.95	1.6	3.42	77.7
1028	2/22/2010 2:31	11.86	44.80	28.90	7.03	7.92	1.5	3.47	77.9
1029	2/22/2010 2:46	11.89	45.09	29.11	7.02	7.93	1.3	3.54	78.1
1030	2/22/2010 3:01	11.95	45.53	29.43	7.03	7.93	1.6	3.60	78.4
1031	2/22/2010 3:16	12.00	45.62	29.49	7.04	7.94	1.6	3.65	78.6
1032	2/22/2010 3:31	12.01	45.69	29.54	7.04	7.94	1.8	3.68	78.7
1033	2/22/2010 3:46	11.98	45.62	29.50	7.04	7.94	1.7	3.73	78.6
1034	2/22/2010 4:01	11.97	45.62	29.50	7.05	7.99	1.8	3.77	78.6
1035	2/22/2010 4:16	11.96	45.87	29.67	7.04	7.95	2.2	3.81	78.7
1036	2/22/2010 4:31	11.94	45.72	29.57	7.04	7.95	1.6	3.82	78.6
1037	2/22/2010 4:46	11.94	45.54	29.43	7.02	7.99	1.8	3.84	78.3
1038	2/22/2010 5:01	11.93	45.77	29.60	6.98	7.99	1.9	3.85	77.9
1039	2/22/2010 5:16	11.93	45.85	29.66	6.99	7.95	2.1	3.83	78.0
1040	2/22/2010 5:31	11.92	45.71	29.56	6.92	7.96	1.8	3.80	77.2
1041	2/22/2010 5:46	11.76	45.09	29.10	6.97	7.93	2.1	3.75	77.3
1042	2/22/2010 6:01	11.53	44.31	28.53	6.95	7.95	2.9	3.71	76.4
1043	2/22/2010 6:16	11.53	44.38	28.59	6.94	7.95	2.3	3.64	76.3
1044	2/22/2010 6:31	11.76	45.06	29.09	6.93	7.92	2.4	3.58	76.8
1045	2/22/2010 6:46	11.84	44.69	28.82	6.93	7.92	2.4	3.50	76.9
1046	2/22/2010 7:01	11.68	44.11	28.40	6.91	7.94	2.6	3.43	76.1
1047	2/22/2010 7:16	11.50	43.50	27.96	6.89	7.92	1.7	3.36	75.4
1048	2/22/2010 7:31	11.48	43.84	28.20	6.88	7.88	1.8	3.27	75.4
1049	2/22/2010 7:46	11.48	43.64	28.06	6.89	7.88	2.2	3.19	75.4
1050	2/22/2010 8:01	11.46	43.89	28.24	6.90	7.88	1.7	3.11	75.5
1051	2/22/2010 8:16	11.57	43.70	28.10	6.90	7.88	2.8	3.01	75.8
1052	2/22/2010 8:31	11.68	43.79	28.17	6.91	7.89	1.7	2.93	76.0
1053	2/22/2010 8:46	11.68	43.87	28.23	6.93	7.89	1.7	2.83	76.2
1054	2/22/2010 9:01	11.72	43.80	28.18	6.96	7.89	2.0	2.75	76.6
1055	2/22/2010 9:16	11.75	43.75	28.15	6.96	7.89	2.0	2.66	76.7
1056	2/22/2010 9:31	11.76	43.58	28.03	7.03	7.90	1.8	2.57	77.4
1057	2/22/2010 9:46	11.82	43.87	28.24	7.11	7.95	2.2	2.47	78.4
1058	2/22/2010 10:01	11.90	43.69	28.11	7.23	7.96	2.1	2.38	79.9
1059	2/22/2010 10:16	11.97	43.68	28.11	7.31	7.92	1.9	2.31	80.9

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	
1060	2/22/2010 10:31	12.02	43.46	27.95	7.39	7.93	1.8	2.21	81.8
1061	2/22/2010 10:46	12.06	43.33	27.86	7.44	7.93	2.1	2.14	82.4
1062	2/22/2010 11:01	12.17	43.34	27.87	7.55	7.95	1.8	2.07	83.8
1063	2/22/2010 11:16	12.19	43.24	27.80	7.49	7.94	1.5	2.01	83.1
1064	2/22/2010 11:31	12.27	43.19	27.77	7.63	7.96	1.5	1.95	84.7
1065	2/22/2010 11:46	12.29	43.07	27.69	7.59	7.96	1.5	1.91	84.4
1066	2/22/2010 12:01	12.32	42.92	27.58	7.61	7.96	1.6	1.89	84.6
1067	2/22/2010 12:16	12.28	42.93	27.59	7.51	7.95	1.3	1.88	83.4
1068	2/22/2010 12:31	12.27	42.99	27.63	7.48	7.94	1.5	1.90	83.0
1069	2/22/2010 12:46	12.24	43.07	27.68	7.40	7.93	1.2	1.91	82.1
1070	2/22/2010 13:01	12.20	43.13	27.72	7.34	7.93	1.6	1.96	81.4
1071	2/22/2010 13:16	12.17	43.10	27.70	7.26	7.92	1.4	1.99	80.5
1072	2/22/2010 13:31	12.22	42.72	27.43	7.27	7.92	2.3	2.05	80.5
1073	2/22/2010 13:46	12.10	42.43	27.22	7.19	7.91	2.3	2.09	79.3
1074	2/22/2010 14:01	12.03	42.68	27.40	7.12	7.90	1.9	2.14	78.6
1075	2/22/2010 14:16	11.97	42.73	27.43	7.09	7.90	2.1	2.20	78.1
1076	2/22/2010 14:31	11.99	42.50	27.27	7.08	7.90	2.3	2.24	77.9
1077	2/22/2010 14:46	12.01	42.58	27.33	7.03	7.89	1.9	2.29	77.5
1078	2/22/2010 15:01	12.09	42.63	27.37	7.03	7.89	2.0	2.34	77.6
1079	2/22/2010 15:16	12.14	42.44	27.23	7.05	7.89	2.1	2.39	77.9
1080	2/22/2010 15:31	12.08	42.75	27.45	7.02	7.89	2.1	2.44	77.5
1081	2/22/2010 15:46	12.05	43.03	27.65	6.98	7.89	1.8	2.50	77.2
1082	2/22/2010 16:01	12.04	43.19	27.76	6.95	7.89	2.0	2.57	76.9
1083	2/22/2010 16:16	11.95	43.54	28.01	6.86	7.89	1.9	2.60	75.8
1084	2/22/2010 16:31	11.96	43.54	28.01	6.86	7.89	1.9	2.67	75.9
1085	2/22/2010 16:46	11.95	43.71	28.13	6.86	7.89	1.9	2.72	75.9
1086	2/22/2010 17:01	11.94	43.64	28.08	6.86	7.89	1.7	2.78	75.9
1087	2/22/2010 17:16	11.93	43.70	28.12	6.85	7.89	1.8	2.83	75.8
1088	2/22/2010 17:31	11.91	43.77	28.17	6.84	7.89	1.6	2.87	75.6
1089	2/22/2010 17:46	11.90	43.87	28.24	6.83	7.89	1.6	2.92	75.5
1090	2/22/2010 18:01	11.90	43.88	28.25	6.82	7.89	1.5	2.96	75.4
1091	2/22/2010 18:16	11.91	43.81	28.19	6.81	7.89	1.8	3.00	75.3
1092	2/22/2010 18:31	11.89	43.97	28.31	6.79	7.89	1.6	3.02	75.1
1093	2/22/2010 18:46	11.87	44.07	28.38	6.77	7.89	1.4	3.05	74.9
1094	2/22/2010 19:01	11.87	44.18	28.46	6.75	7.89	1.4	3.07	74.7
1095	2/22/2010 19:16	11.86	44.18	28.46	6.71	7.89	1.2	3.09	74.2
1096	2/22/2010 19:31	11.88	43.93	28.28	6.72	7.89	1.3	3.08	74.3
1097	2/22/2010 19:46	11.87	44.04	28.36	6.68	7.89	1.5	3.09	73.8
1098	2/22/2010 20:01	11.87	44.05	28.37	6.67	7.89	1.6	3.07	73.8
1099	2/22/2010 20:16	11.88	44.04	28.36	6.71	7.89	1.8	3.07	74.2
1100	2/22/2010 20:31	11.88	44.00	28.33	6.72	7.89	1.9	3.03	74.3
1101	2/22/2010 20:46	11.88	43.84	28.22	6.76	7.89	2.1	3.00	74.7
1102	2/22/2010 21:01	11.90	43.83	28.21	6.80	7.89	1.8	2.98	75.1
1103	2/22/2010 21:16	11.98	43.75	28.15	6.81	7.90	1.8	2.94	75.4
1104	2/22/2010 21:31	12.00	43.59	28.04	6.88	7.90	1.6	2.91	76.1
1105	2/22/2010 21:46	11.99	43.69	28.11	6.83	7.90	1.3	2.89	75.7
1106	2/22/2010 22:01	11.99	43.70	28.12	6.83	7.90	1.6	2.86	75.6
1107	2/22/2010 22:16	12.01	43.60	28.05	6.73	7.89	2.5	2.83	74.5
1108	2/22/2010 22:31	12.03	43.45	27.94	6.82	7.90	2.5	2.82	75.5
1109	2/22/2010 22:46	12.07	43.41	27.92	6.92	7.91	2.1	2.81	76.6
1110	2/22/2010 23:01	11.95	43.71	28.13	6.73	7.89	1.3	2.82	74.4
1111	2/22/2010 23:16	11.94	43.70	28.12	6.74	7.89	1.5	2.81	74.6
1112	2/22/2010 23:31	12.07	43.53	28.00	6.71	7.90	1.6	2.82	74.4

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	
1113	2/22/2010 23:46	11.94	43.22	27.78	6.91	7.90	1.5	2.84	76.2
1114	2/23/2010 0:01	11.98	43.52	27.99	6.81	7.89	1.8	2.86	75.3
1115	2/23/2010 0:16	11.96	43.63	28.07	6.80	7.90	1.6	2.87	75.2
1116	2/23/2010 0:31	11.94	43.67	28.10	6.79	7.89	1.5	2.90	75.1
1117	2/23/2010 0:46	11.95	43.44	27.93	6.83	7.90	1.8	2.94	75.5
1118	2/23/2010 1:01	11.91	43.35	27.87	6.83	7.90	1.8	2.97	75.3
1119	2/23/2010 1:16	11.89	43.91	28.27	6.73	7.89	2.0	3.02	74.4
1120	2/23/2010 1:31	11.89	43.92	28.27	6.71	7.89	1.7	3.06	74.2
1121	2/23/2010 1:46	11.89	43.92	28.28	6.73	7.90	1.6	3.10	74.4
1122	2/23/2010 2:01	11.89	43.95	28.30	6.75	7.90	1.7	3.15	74.6
1123	2/23/2010 2:16	11.88	44.14	28.43	6.76	7.90	1.6	3.20	74.8
1124	2/23/2010 2:31	11.86	44.18	28.46	6.79	7.95	1.5	3.25	75.1
1125	2/23/2010 2:46	11.85	44.52	28.70	6.80	7.92	1.6	3.33	75.4
1126	2/23/2010 3:01	11.78	44.34	28.57	6.82	7.91	1.6	3.37	75.4
1127	2/23/2010 3:16	11.76	44.24	28.50	6.82	7.95	1.7	3.43	75.3
1128	2/23/2010 3:31	11.80	44.83	28.92	6.83	7.92	1.5	3.48	75.6
1129	2/23/2010 3:46	11.79	44.92	28.98	6.86	7.93	1.4	3.54	76.0
1130	2/23/2010 4:01	11.80	44.95	29.00	6.88	7.98	1.6	3.61	76.2
1131	2/23/2010 4:16	11.83	45.54	29.43	6.93	7.99	2.0	3.65	77.1
1132	2/23/2010 4:31	11.86	45.88	29.67	6.94	7.96	2.0	3.69	77.4
1133	2/23/2010 4:46	11.85	45.83	29.64	6.98	7.96	2.1	3.76	77.8
1134	2/23/2010 5:01	11.85	46.00	29.76	6.99	7.96	2.1	3.80	77.9
1135	2/23/2010 5:16	11.84	45.97	29.74	6.99	7.96	2.2	3.82	77.9
1136	2/23/2010 5:31	11.83	46.15	29.87	7.01	7.97	2.1	3.85	78.1
1137	2/23/2010 5:46	11.82	46.04	29.78	6.99	7.97	2.3	3.88	77.9
1138	2/23/2010 6:01	11.83	45.78	29.60	6.92	8.00	2.1	3.87	77.0
1139	2/23/2010 6:16	11.81	46.22	29.92	6.95	7.96	2.4	3.87	77.5
1140	2/23/2010 6:31	11.82	45.83	29.64	6.97	7.96	2.8	3.84	77.6
1141	2/23/2010 6:46	11.81	45.85	29.65	6.93	8.00	2.4	3.80	77.2
1142	2/23/2010 7:01	11.79	45.21	29.19	6.80	7.93	2.3	3.75	75.4
1143	2/23/2010 7:16	11.80	45.09	29.11	6.75	7.92	2.6	3.70	74.9
1144	2/23/2010 7:31	11.81	45.20	29.18	6.78	7.93	2.3	3.63	75.3
1145	2/23/2010 7:46	11.81	45.01	29.05	6.79	7.93	2.2	3.56	75.3
1146	2/23/2010 8:01	11.78	45.04	29.07	6.76	7.93	2.2	3.48	75.0
1147	2/23/2010 8:16	11.72	44.29	28.53	6.69	7.90	1.9	3.40	73.8
1148	2/23/2010 8:31	11.71	44.23	28.49	6.67	7.90	2.1	3.32	73.6
1149	2/23/2010 8:46	11.73	44.00	28.32	6.67	7.89	2.0	3.23	73.5
1150	2/23/2010 9:01	11.72	44.07	28.37	6.68	7.93	1.9	3.14	73.6
1151	2/23/2010 9:16	11.71	44.24	28.49	6.65	7.89	2.3	3.06	73.4
1152	2/23/2010 9:31	11.72	43.99	28.32	6.65	7.89	2.1	2.95	73.3
1153	2/23/2010 9:46	11.70	43.99	28.32	6.69	7.89	2.2	2.86	73.7
1154	2/23/2010 10:01	11.68	44.09	28.38	6.73	7.90	3.0	2.78	74.2
1155	2/23/2010 10:16	11.71	43.93	28.28	6.72	7.90	3.3	2.67	74.1
1156	2/23/2010 10:31	11.70	44.08	28.38	6.76	7.91	4.2	2.57	74.5
1157	2/23/2010 10:46	11.69	43.62	28.05	6.82	7.90	4.9	2.48	75.0
1158	2/23/2010 11:01	11.68	43.74	28.14	6.84	7.90	5.8	2.39	75.3
1159	2/23/2010 11:16	11.68	43.51	27.98	6.90	7.91	6.0	2.29	75.8
1160	2/23/2010 11:31	11.67	43.54	28.00	6.96	7.91	8.5	2.18	76.5
1161	2/23/2010 11:46	11.69	43.51	27.97	6.99	7.94	10.5	2.09	76.9
1162	2/23/2010 12:01	11.75	43.33	27.85	7.01	7.94	7.6	2.02	77.1
1163	2/23/2010 12:16	11.77	43.28	27.81	7.02	7.95	8.7	1.93	77.2
1164	2/23/2010 12:31	11.81	42.86	27.51	7.04	7.94	6.9	1.85	77.3
1165	2/23/2010 12:46	11.82	42.92	27.56	7.04	7.94	6.6	1.81	77.4

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	
1166	2/23/2010 13:01	11.84	43.07	27.67	7.05	7.95	5.4	1.78	77.5
1167	2/23/2010 13:16	11.84	43.09	27.68	6.98	7.95	4.9	1.76	76.8
1168	2/23/2010 13:31	11.83	42.96	27.59	7.03	7.95	4.6	1.74	77.3
1169	2/23/2010 13:46	11.83	42.98	27.60	7.02	7.94	5.2	1.77	77.2
1170	2/23/2010 14:01	11.80	43.11	27.69	7.00	7.94	6.7	1.79	77.0
1171	2/23/2010 14:16	11.79	42.94	27.57	6.97	7.93	6.6	1.82	76.6
1172	2/23/2010 14:31	11.77	43.08	27.67	6.93	7.92	6.6	1.87	76.2
1173	2/23/2010 14:46	11.77	42.23	27.07	6.95	7.93	6.7	1.91	76.0
1174	2/23/2010 15:01	11.80	41.55	26.59	7.01	7.94	6.0	1.99	76.5
1175	2/23/2010 15:16	11.79	42.31	27.13	6.89	7.92	4.9	2.04	75.5
1176	2/23/2010 15:31	11.78	42.51	27.27	6.85	7.93	4.9	2.09	75.1
1177	2/23/2010 15:46	11.78	42.32	27.13	6.84	7.92	4.6	2.16	74.9
1178	2/23/2010 16:01	11.76	42.87	27.52	6.77	7.90	4.0	2.22	74.3
1179	2/23/2010 16:16	11.75	43.00	27.61	6.71	7.90	3.5	2.29	73.6
1180	2/23/2010 16:31	11.74	43.15	27.72	6.75	7.91	4.5	2.34	74.1
1181	2/23/2010 16:46	11.73	43.31	27.84	6.77	7.91	4.2	2.40	74.4
1182	2/23/2010 17:01	11.72	43.63	28.06	6.78	7.91	4.1	2.48	74.6
1183	2/23/2010 17:16	11.71	43.61	28.04	6.78	7.91	3.7	2.54	74.6
1184	2/23/2010 17:31	11.70	43.57	28.02	6.76	7.90	4.1	2.60	74.3
1185	2/23/2010 17:46	11.70	43.78	28.16	6.74	7.94	4.0	2.67	74.1
1186	2/23/2010 18:01	11.69	43.93	28.27	6.72	7.90	4.0	2.72	74.0
1187	2/23/2010 18:16	11.70	43.88	28.24	6.71	7.90	3.7	2.80	73.9
1188	2/23/2010 18:31	11.69	43.98	28.31	6.70	7.90	3.6	2.85	73.8
1189	2/23/2010 18:46	11.69	44.10	28.39	6.70	7.91	3.8	2.92	73.8
1190	2/23/2010 19:01	11.68	44.37	28.59	6.71	7.91	3.9	2.99	74.0
1191	2/23/2010 19:16	11.68	44.26	28.51	6.74	7.91	3.8	3.03	74.3
1192	2/23/2010 19:31	11.68	44.32	28.55	6.77	7.92	3.5	3.10	74.6
1193	2/23/2010 19:46	11.68	44.29	28.53	6.77	7.96	3.7	3.13	74.6
1194	2/23/2010 20:01	11.67	44.69	28.82	6.78	7.93	3.9	3.20	74.9
1195	2/23/2010 20:16	11.66	44.81	28.90	6.79	7.93	3.5	3.24	75.0
1196	2/23/2010 20:31	11.66	44.87	28.94	6.77	7.93	3.1	3.27	74.8
1197	2/23/2010 20:46	11.65	44.72	28.83	6.74	7.93	2.3	3.27	74.4
1198	2/23/2010 21:01	11.66	44.83	28.91	6.76	7.93	3.0	3.28	74.7
1199	2/23/2010 21:16	11.59	43.98	28.30	6.73	7.91	4.4	3.27	74.0
1200	2/23/2010 21:31	11.65	44.79	28.89	6.69	7.93	2.5	3.27	73.9
1201	2/23/2010 21:46	11.61	44.37	28.58	6.71	7.92	4.7	3.25	73.9
1202	2/23/2010 22:01	11.64	44.78	28.88	6.70	7.93	3.6	3.22	73.9
1203	2/23/2010 22:16	11.64	44.49	28.67	6.70	7.92	3.7	3.17	73.8
1204	2/23/2010 22:31	11.66	44.44	28.64	6.68	7.92	3.5	3.14	73.7
1205	2/23/2010 22:46	11.65	44.49	28.67	6.66	7.92	3.5	3.12	73.4
1206	2/23/2010 23:01	11.64	44.06	28.36	6.68	7.91	3.7	3.06	73.5
1207	2/23/2010 23:16	11.62	44.22	28.48	6.68	7.91	3.4	3.02	73.5
1208	2/23/2010 23:31	11.60	44.10	28.39	6.67	7.91	3.1	2.98	73.4
1209	2/23/2010 23:46	11.61	44.14	28.42	6.62	7.90	3.1	2.95	72.8
1210	2/24/2010 0:01	11.61	44.16	28.44	6.58	7.91	2.7	2.93	72.4
1211	2/24/2010 0:16	11.61	44.10	28.39	6.58	7.90	3.1	2.90	72.4
1212	2/24/2010 0:31	11.62	43.88	28.23	6.60	7.90	3.1	2.90	72.5
1213	2/24/2010 0:46	11.61	43.79	28.17	6.63	7.90	3.9	2.88	72.8
1214	2/24/2010 1:01	11.61	43.87	28.23	6.59	7.90	2.9	2.89	72.4
1215	2/24/2010 1:16	11.61	44.10	28.39	6.60	7.90	3.0	2.89	72.6
1216	2/24/2010 1:31	11.59	43.64	28.06	6.64	7.90	3.5	2.91	72.8
1217	2/24/2010 1:46	11.58	43.85	28.21	6.60	7.90	3.7	2.92	72.4
1218	2/24/2010 2:01	11.64	44.14	28.42	6.60	7.91	2.9	2.96	72.7

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	
1219	2/24/2010 2:16	11.64	44.20	28.47	6.60	7.91	2.9	2.97	72.7
1220	2/24/2010 2:31	11.59	43.87	28.23	6.64	7.90	3.2	3.03	72.9
1221	2/24/2010 2:46	11.62	44.20	28.46	6.62	7.92	3.2	3.07	72.8
1222	2/24/2010 3:01	11.60	44.07	28.37	6.65	7.91	3.4	3.10	73.1
1223	2/24/2010 3:16	11.60	44.17	28.44	6.67	7.91	2.9	3.18	73.4
1224	2/24/2010 3:31	11.59	44.25	28.50	6.69	7.92	2.9	3.24	73.6
1225	2/24/2010 3:46	11.59	44.51	28.68	6.68	7.93	3.0	3.30	73.6
1226	2/24/2010 4:01	11.57	44.41	28.61	6.72	7.92	3.1	3.34	73.9
1227	2/24/2010 4:16	11.58	44.50	28.67	6.72	7.93	3.0	3.41	74.0
1228	2/24/2010 4:31	11.58	44.80	28.89	6.74	7.94	3.0	3.51	74.4
1229	2/24/2010 4:46	11.58	44.80	28.89	6.75	7.94	2.7	3.55	74.5
1230	2/24/2010 5:01	11.58	44.93	28.98	6.76	7.94	2.6	3.60	74.6
1231	2/24/2010 5:16	11.58	45.32	29.26	6.76	7.95	2.6	3.68	74.7
1232	2/24/2010 5:31	11.57	45.94	29.70	6.75	7.96	2.7	3.73	74.8
1233	2/24/2010 5:46	11.56	46.26	29.94	6.75	7.97	2.7	3.80	74.9
1234	2/24/2010 6:01	11.56	46.08	29.80	6.77	7.97	2.9	3.84	75.0
1235	2/24/2010 6:16	11.55	46.22	29.91	6.77	8.01	2.7	3.89	75.1
1236	2/24/2010 6:31	11.55	46.24	29.92	6.74	7.97	2.4	3.91	74.8
1237	2/24/2010 6:46	11.55	46.26	29.93	6.71	7.97	2.6	3.96	74.5
1238	2/24/2010 7:01	11.55	46.28	29.95	6.69	7.96	2.4	3.96	74.2
1239	2/24/2010 7:16	11.54	46.30	29.96	6.69	7.97	2.5	3.96	74.2
1240	2/24/2010 7:31	11.55	46.57	30.16	6.70	7.97	2.9	3.92	74.5
1241	2/24/2010 7:46	11.55	46.36	30.01	6.70	7.97	2.6	3.91	74.3
1242	2/24/2010 8:01	11.55	46.36	30.01	6.68	7.96	2.4	3.86	74.1
1243	2/24/2010 8:16	11.56	45.94	29.70	6.65	7.96	4.1	3.80	73.6
1244	2/24/2010 8:31	11.57	45.55	29.42	6.62	7.94	3.0	3.73	73.2
1245	2/24/2010 8:46	11.57	45.31	29.25	6.60	7.94	2.9	3.68	73.0
1246	2/24/2010 9:01	11.57	45.01	29.04	6.62	7.93	3.0	3.60	73.1
1247	2/24/2010 9:16	11.59	44.16	28.44	6.60	7.91	4.6	3.52	72.6
1248	2/24/2010 9:31	11.61	44.35	28.57	6.60	7.91	2.9	3.43	72.7
1249	2/24/2010 9:46	11.63	44.07	28.37	6.61	7.91	3.2	3.33	72.8
1250	2/24/2010 10:01	11.67	44.23	28.49	6.65	7.92	3.2	3.24	73.2
1251	2/24/2010 10:16	11.72	44.22	28.48	6.66	7.92	2.6	3.16	73.4
1252	2/24/2010 10:31	11.78	43.91	28.26	6.66	7.91	3.1	3.04	73.4
1253	2/24/2010 10:46	11.86	44.30	28.54	6.71	7.92	3.1	2.93	74.3
1254	2/24/2010 11:01	11.87	44.16	28.44	6.67	7.92	4.0	2.82	73.8
1255	2/24/2010 11:16	11.88	44.01	28.34	6.71	7.91	4.6	2.72	74.2
1256	2/24/2010 11:31	12.03	44.36	28.59	6.81	7.94	3.4	2.60	75.7
1257	2/24/2010 11:46	11.91	43.70	28.12	6.77	7.92	3.8	2.48	74.8
1258	2/24/2010 12:01	11.97	43.65	28.09	6.79	7.92	3.8	2.38	75.1
1259	2/24/2010 12:16	12.06	43.76	28.17	6.81	7.93	3.6	2.25	75.6
1260	2/24/2010 12:31	12.07	43.47	27.96	6.76	7.93	4.3	2.13	74.9
1261	2/24/2010 12:46	12.20	43.53	28.01	7.01	7.95	4.3	2.03	77.9
1262	2/24/2010 13:01	12.21	43.52	28.00	7.04	7.96	4.8	1.92	78.3
1263	2/24/2010 13:16	12.17	43.21	27.78	6.93	7.95	5.4	1.82	76.9
1264	2/24/2010 13:31	12.20	43.26	27.82	6.91	7.95	6.3	1.76	76.7
1265	2/24/2010 13:46	12.21	43.14	27.73	6.90	7.94	5.6	1.67	76.6
1266	2/24/2010 14:01	12.29	43.04	27.66	6.87	7.94	6.4	1.59	76.4
1267	2/24/2010 14:16	12.28	42.97	27.61	6.77	7.93	5.2	1.60	75.1
1268	2/24/2010 14:31	12.39	42.97	27.62	6.85	7.94	6.5	1.58	76.2
1269	2/24/2010 14:46	12.26	42.93	27.58	6.80	7.93	6.9	1.59	75.4
1270	2/24/2010 15:01	12.21	43.06	27.67	6.74	7.92	8.1	1.62	74.7
1271	2/24/2010 15:16	12.20	42.97	27.61	6.73	7.92	8.1	1.66	74.6

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	
1272	2/24/2010 15:31	12.22	43.17	27.75	6.70	7.91	8.8	1.72	74.4
1273	2/24/2010 15:46	12.39	41.86	26.83	6.72	7.92	10.4	1.75	74.5
1274	2/24/2010 16:01	12.37	41.71	26.72	6.72	7.91	7.7	1.84	74.3
1275	2/24/2010 16:16	12.29	41.90	26.86	6.68	7.91	6.7	1.91	73.9
1276	2/24/2010 16:31	12.28	42.41	27.22	6.66	7.91	6.6	2.00	73.8
1277	2/24/2010 16:46	12.24	42.49	27.27	6.62	7.91	6.0	2.07	73.2
1278	2/24/2010 17:01	12.20	42.70	27.42	6.64	7.91	5.6	2.14	73.5
1279	2/24/2010 17:16	12.06	43.04	27.65	6.57	7.90	4.3	2.22	72.7
1280	2/24/2010 17:31	12.04	43.07	27.68	6.56	7.90	4.2	2.31	72.5
1281	2/24/2010 17:46	12.02	43.37	27.89	6.53	7.90	4.0	2.40	72.3
1282	2/24/2010 18:01	12.03	43.41	27.92	6.54	7.90	4.1	2.46	72.4
1283	2/24/2010 18:16	12.00	43.37	27.88	6.55	7.90	5.0	2.53	72.5
1284	2/24/2010 18:31	11.96	43.54	28.00	6.54	7.90	4.9	2.63	72.3
1285	2/24/2010 18:46	11.96	43.54	28.01	6.55	7.90	5.8	2.71	72.4
1286	2/24/2010 19:01	11.96	43.71	28.13	6.54	7.90	6.1	2.79	72.3
1287	2/24/2010 19:16	11.93	43.89	28.25	6.52	7.90	5.5	2.86	72.2
1288	2/24/2010 19:31	11.90	43.66	28.09	6.52	7.94	5.7	2.95	72.0
1289	2/24/2010 19:46	11.91	43.93	28.28	6.53	7.91	6.0	3.01	72.3
1290	2/24/2010 20:01	11.90	44.24	28.50	6.53	7.91	5.6	3.08	72.3
1291	2/24/2010 20:16	11.89	44.32	28.56	6.53	7.91	5.7	3.15	72.4
1292	2/24/2010 20:31	11.89	44.36	28.59	6.54	7.92	5.1	3.21	72.5
1293	2/24/2010 20:46	11.89	44.61	28.77	6.55	7.92	4.9	3.27	72.6
1294	2/24/2010 21:01	11.89	44.83	28.92	6.54	7.93	4.3	3.30	72.7
1295	2/24/2010 21:16	11.88	44.94	29.00	6.56	7.93	3.9	3.33	72.8
1296	2/24/2010 21:31	11.87	45.13	29.14	6.54	7.93	3.5	3.36	72.7
1297	2/24/2010 21:46	11.86	45.19	29.18	6.47	7.93	3.2	3.37	72.0
1298	2/24/2010 22:01	11.86	45.18	29.17	6.54	7.93	4.1	3.37	72.7
1299	2/24/2010 22:16	11.86	45.13	29.14	6.55	7.93	4.6	3.35	72.7
1300	2/24/2010 22:31	11.87	44.64	28.79	6.50	7.92	4.5	3.30	72.1
1301	2/24/2010 22:46	11.84	44.11	28.41	6.43	7.90	4.8	3.27	71.1
1302	2/24/2010 23:01	11.87	43.93	28.28	6.40	7.89	3.8	3.22	70.7
1303	2/24/2010 23:16	11.87	43.99	28.32	6.42	7.90	4.4	3.16	71.0
1304	2/24/2010 23:31	11.90	43.82	28.21	6.42	7.94	4.4	3.09	71.0
1305	2/24/2010 23:46	11.90	43.96	28.30	6.41	7.90	4.4	3.03	70.9
1306	2/25/2010 0:01	11.91	44.02	28.35	6.40	7.90	3.8	2.98	70.8
1307	2/25/2010 0:16	11.91	43.86	28.23	6.38	7.90	3.8	2.92	70.6
1308	2/25/2010 0:31	11.92	43.85	28.22	6.35	7.89	3.8	2.87	70.3
1309	2/25/2010 0:46	11.92	43.63	28.07	6.33	7.89	3.8	2.84	69.9
1310	2/25/2010 1:01	11.91	43.62	28.06	6.30	7.88	4.0	2.81	69.6
1311	2/25/2010 1:16	11.91	43.46	27.95	6.31	7.88	3.6	2.77	69.7
1312	2/25/2010 1:31	11.91	43.63	28.07	6.31	7.88	3.3	2.75	69.7
1313	2/25/2010 1:46	11.92	43.43	27.92	6.30	7.88	3.2	2.71	69.5
1314	2/25/2010 2:01	11.92	43.42	27.92	6.28	7.88	3.0	2.70	69.3
1315	2/25/2010 2:16	11.90	43.38	27.89	6.26	7.91	2.9	2.72	69.1
1316	2/25/2010 2:31	11.89	43.56	28.02	6.32	7.88	3.1	2.72	69.7
1317	2/25/2010 2:46	11.90	43.70	28.12	6.27	7.88	3.6	2.73	69.3
1318	2/25/2010 3:01	11.89	43.59	28.04	6.29	7.88	3.6	2.76	69.5
1319	2/25/2010 3:16	11.87	43.68	28.10	6.29	7.88	3.7	2.80	69.5
1320	2/25/2010 3:31	11.87	43.79	28.18	6.29	7.89	3.4	2.83	69.5
1321	2/25/2010 3:46	11.87	43.78	28.17	6.30	7.88	3.2	2.89	69.5
1322	2/25/2010 4:01	11.87	43.74	28.14	6.31	7.89	3.5	2.94	69.6
1323	2/25/2010 4:16	11.86	43.81	28.19	6.34	7.89	3.8	3.00	70.0
1324	2/25/2010 4:31	11.83	43.92	28.27	6.38	7.90	3.7	3.07	70.4

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		
1325	2/25/2010 4:46	11.81	44.15	28.44	6.39	7.90	3.4	3.15	70.6
1326	2/25/2010 5:01	11.83	44.76	28.87	6.46	7.92	4.5	3.22	71.7
1327	2/25/2010 5:16	11.81	44.91	28.98	6.49	7.92	4.4	3.28	71.9
1328	2/25/2010 5:31	11.80	44.97	29.02	6.52	7.93	4.6	3.36	72.3
1329	2/25/2010 5:46	11.78	45.20	29.19	6.54	7.93	4.4	3.44	72.6
1330	2/25/2010 6:01	11.76	45.16	29.15	6.55	7.94	4.9	3.54	72.6
1331	2/25/2010 6:16	11.74	45.41	29.33	6.58	7.94	6.4	3.61	73.1
1332	2/25/2010 6:31	11.73	45.55	29.43	6.62	7.95	6.9	3.68	73.5
1333	2/25/2010 6:46	11.72	45.57	29.45	6.65	7.96	6.2	3.77	73.8
1334	2/25/2010 7:01	11.72	45.67	29.52	6.68	7.96	6.0	3.84	74.1
1335	2/25/2010 7:16	11.71	45.78	29.60	6.69	7.97	5.6	3.89	74.3
1336	2/25/2010 7:31	11.69	45.88	29.66	6.69	7.97	4.5	3.95	74.3
1337	2/25/2010 7:46	11.69	46.06	29.80	6.67	7.98	4.4	4.00	74.2
1338	2/25/2010 8:01	11.68	46.03	29.77	6.67	7.98	3.7	4.03	74.1
1339	2/25/2010 8:16	11.68	45.96	29.73	6.64	7.97	3.2	4.05	73.8
1340	2/25/2010 8:31	11.69	45.95	29.72	6.59	7.96	3.6	4.06	73.3
	Mean	12.05	43.34	27.87	8.01	7.91	5.1	2.83	88.6
	Minimum	11.04	39.62	25.22	6.26	7.83	1.2	1.50	69.1
	Maximum	13.23	46.57	30.16	9.45	8.02	44.0	4.06	104.6

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	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
1	2/25/2010 9:01	11.61	47.82	31.06	8.73	8.02	3.5	3.88	97.7
2	2/25/2010 9:16	11.61	48.41	31.49	8.72	7.99	3.9	3.84	97.8
3	2/25/2010 9:31	11.62	47.77	31.02	8.67	7.99	3.6	3.78	97.0
4	2/25/2010 9:46	11.65	47.69	30.97	8.64	7.99	2.8	3.69	96.7
5	2/25/2010 10:01	11.65	47.70	30.98	8.58	8.00	3.7	3.59	96.0
6	2/25/2010 10:16	11.68	47.01	30.48	8.46	7.98	2.8	3.49	94.4
7	2/25/2010 10:31	11.71	46.87	30.38	8.41	7.96	3.3	3.39	93.9
8	2/25/2010 10:46	11.74	46.73	30.28	8.40	7.96	3.1	3.29	93.7
9	2/25/2010 11:01	11.77	46.79	30.32	8.40	7.98	4.3	3.17	93.8
10	2/25/2010 11:16	11.79	46.84	30.36	8.44	7.97	3.5	3.06	94.3
11	2/25/2010 11:31	11.83	46.66	30.23	8.46	8.21	3.2	2.95	94.6
12	2/25/2010 11:46	11.85	46.56	30.16	8.48	7.98	3.2	2.84	94.8
13	2/25/2010 12:01	11.87	46.62	30.20	8.54	7.98	3.0	2.72	95.6
14	2/25/2010 12:16	11.92	46.83	30.36	8.67	7.97	3.2	2.59	97.2
15	2/25/2010 12:31	11.93	46.44	30.08	8.66	8.21	3.7	2.45	96.9
16	2/25/2010 12:46	11.96	46.30	29.98	8.65	7.99	4.5	2.33	96.9
17	2/25/2010 13:01	11.97	46.16	29.88	8.72	7.99	4.1	2.20	97.5
18	2/25/2010 13:16	12.01	46.01	29.78	8.74	8.23	5.3	2.04	97.8
19	2/25/2010 13:31	12.01	45.81	29.63	8.73	7.97	5.7	1.91	97.6
20	2/25/2010 13:46	12.04	45.65	29.52	8.85	7.98	5.2	1.79	98.9
21	2/25/2010 14:01	12.08	45.60	29.48	8.93	8.23	4.9	1.66	99.9
22	2/25/2010 14:16	12.09	45.40	29.34	8.74	7.97	5.9	1.52	97.8
23	2/25/2010 14:31	12.13	44.88	28.97	8.74	7.99	4.9	1.44	97.5
24	2/25/2010 14:46	12.16	45.24	29.23	8.72	7.99	4.5	1.37	97.5
25	2/25/2010 15:01	12.20	45.18	29.19	8.68	7.97	3.5	1.31	97.2
26	2/25/2010 15:16	12.22	45.16	29.17	8.77	8.22	4.2	1.30	98.2
27	2/25/2010 15:31	12.21	45.21	29.21	8.79	8.00	3.6	1.29	98.4
28	2/25/2010 15:46	12.15	45.24	29.23	8.71	7.96	3.1	1.34	97.4
29	2/25/2010 16:01	12.13	45.28	29.25	8.68	7.96	3.1	1.36	97.1
30	2/25/2010 16:16	12.11	45.31	29.28	8.69	7.97	3.1	1.43	97.2
31	2/25/2010 16:31	12.12	44.94	29.01	8.67	7.98	4.0	1.50	96.7
32	2/25/2010 16:46	12.12	44.93	29.00	8.64	7.98	4.2	1.58	96.4
33	2/25/2010 17:01	12.13	44.46	28.67	8.63	7.95	4.5	1.64	96.2
34	2/25/2010 17:16	12.12	44.49	28.69	8.60	7.95	4.2	1.71	95.9
35	2/25/2010 17:31	12.11	44.48	28.68	8.60	7.96	3.9	1.81	95.8
36	2/25/2010 17:46	12.09	44.74	28.87	8.57	7.96	3.4	1.88	95.5
37	2/25/2010 18:01	12.07	44.97	29.03	8.54	7.96	3.3	1.98	95.3
38	2/25/2010 18:16	12.04	45.01	29.06	8.53	7.95	4.0	2.07	95.1
39	2/25/2010 18:31	12.00	45.16	29.17	8.52	7.95	4.4	2.16	95.0
40	2/25/2010 18:46	11.97	45.24	29.22	8.55	7.95	6.0	2.27	95.3
41	2/25/2010 19:01	11.95	45.70	29.55	8.53	7.95	5.6	2.35	95.2
42	2/25/2010 19:16	11.92	45.93	29.71	8.52	7.95	5.4	2.45	95.2
43	2/25/2010 19:31	11.89	46.16	29.88	8.50	7.95	6.2	2.53	95.0
44	2/25/2010 19:46	11.87	46.31	29.98	8.51	7.96	7.4	2.62	95.0
45	2/25/2010 20:01	11.85	45.59	29.46	8.53	7.93	8.4	2.71	94.9
46	2/25/2010 20:16	11.82	46.60	30.19	8.55	7.96	9.5	2.78	95.5
47	2/25/2010 20:31	11.80	46.74	30.29	8.58	8.21	9.8	2.88	95.9
48	2/25/2010 20:46	11.78	46.98	30.46	8.63	7.89	9.7	2.95	96.5
49	2/25/2010 21:01	11.76	47.34	30.72	8.70	7.76	7.9	3.02	97.4
50	2/25/2010 21:16	11.74	47.56	30.88	8.75	7.99	9.1	3.11	98.1
51	2/25/2010 21:31	11.73	47.69	30.97	8.75	8.01	9.4	3.19	98.1
52	2/25/2010 21:46	11.73	47.77	31.03	8.77	8.00	8.3	3.24	98.4
53	2/25/2010 22:01	11.72	47.85	31.08	8.83	8.00	7.5	3.29	99.0

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		
54	2/25/2010 22:16	11.72	47.22	30.63	8.84	8.03	6.2	3.34	98.9
55	2/25/2010 22:31	11.73	47.91	31.13	8.79	8.01	5.2	3.35	98.6
56	2/25/2010 22:46	11.72	47.91	31.13	8.81	8.26	4.5	3.34	98.9
57	2/25/2010 23:01	11.72	47.50	30.83	8.77	7.99	4.8	3.33	98.2
58	2/25/2010 23:16	11.71	47.47	30.81	8.78	7.99	4.9	3.31	98.3
59	2/25/2010 23:31	11.72	47.41	30.77	8.73	8.01	6.0	3.25	97.7
60	2/25/2010 23:46	11.73	47.08	30.53	8.67	8.00	8.1	3.18	96.9
61	2/26/2010 0:01	11.75	46.85	30.37	8.60	7.99	8.4	3.10	96.1
62	2/26/2010 0:16	11.76	46.63	30.21	8.60	8.21	9.6	3.02	96.0
63	2/26/2010 0:31	11.77	46.62	30.20	8.60	8.21	9.3	2.95	96.0
64	2/26/2010 0:46	11.78	46.60	30.19	8.57	7.98	8.2	2.87	95.7
65	2/26/2010 1:01	11.78	46.52	30.13	8.54	7.95	8.2	2.80	95.4
66	2/26/2010 1:16	11.79	45.77	29.59	8.56	7.94	8.4	2.75	95.3
67	2/26/2010 1:31	11.79	46.37	30.02	8.54	7.97	7.8	2.68	95.3
68	2/26/2010 1:46	11.80	46.08	29.82	8.51	7.94	7.4	2.62	94.9
69	2/26/2010 2:01	11.81	45.99	29.75	8.52	7.96	8.1	2.57	94.9
70	2/26/2010 2:16	11.81	46.04	29.78	8.50	8.19	8.7	2.53	94.8
71	2/26/2010 2:31	11.82	45.82	29.63	8.51	7.93	7.3	2.49	94.7
72	2/26/2010 2:46	11.83	45.65	29.51	8.51	7.93	7.0	2.45	94.7
73	2/26/2010 3:01	11.83	45.54	29.43	8.52	7.95	6.7	2.44	94.8
74	2/26/2010 3:16	11.83	45.73	29.57	8.39	8.18	5.5	2.42	93.4
75	2/26/2010 3:31	11.82	45.97	29.74	8.37	8.18	5.2	2.42	93.3
76	2/26/2010 3:46	11.81	45.96	29.73	8.46	8.17	6.2	2.44	94.2
77	2/26/2010 4:01	11.81	45.94	29.71	8.51	8.18	6.2	2.47	94.8
78	2/26/2010 4:16	11.81	46.01	29.77	8.53	7.93	6.5	2.51	95.0
79	2/26/2010 4:31	11.78	46.06	29.80	8.57	8.19	6.8	2.55	95.5
80	2/26/2010 4:46	11.78	46.17	29.88	8.57	7.94	6.3	2.62	95.5
81	2/26/2010 5:01	11.77	46.48	30.10	8.57	7.96	5.3	2.69	95.6
82	2/26/2010 5:16	11.76	46.65	30.22	8.58	8.01	5.9	2.75	95.8
83	2/26/2010 5:31	11.76	46.88	30.39	8.58	7.96	6.9	2.83	95.9
84	2/26/2010 5:46	11.76	46.86	30.37	8.63	8.11	6.9	2.92	96.5
85	2/26/2010 6:01	11.76	46.88	30.39	8.67	8.22	7.1	3.00	96.9
86	2/26/2010 6:16	11.76	47.07	30.52	8.66	7.97	7.0	3.10	96.8
87	2/26/2010 6:31	11.76	47.10	30.55	8.69	7.98	7.0	3.20	97.2
88	2/26/2010 6:46	11.75	47.34	30.72	8.77	7.99	8.0	3.28	98.1
89	2/26/2010 7:01	11.75	47.62	30.92	8.84	8.00	8.5	3.39	99.1
90	2/26/2010 7:16	11.75	47.74	31.01	8.89	8.01	9.2	3.47	99.7
91	2/26/2010 7:31	11.76	47.92	31.14	8.94	8.02	7.7	3.57	100.3
92	2/26/2010 7:46	11.76	48.14	31.30	8.99	8.29	7.9	3.67	101.0
93	2/26/2010 8:01	11.76	48.23	31.36	8.98	8.04	6.8	3.73	100.9
94	2/26/2010 8:16	11.76	48.28	31.40	8.95	8.04	5.8	3.82	100.7
95	2/26/2010 8:31	11.77	48.43	31.51	8.95	8.04	5.4	3.91	100.7
96	2/26/2010 8:46	11.76	48.50	31.55	8.93	7.82	5.4	3.95	100.5
97	2/26/2010 9:01	11.76	48.39	31.48	8.93	8.02	5.2	4.01	100.5
98	2/26/2010 9:16	11.76	47.82	31.07	8.94	8.02	4.3	4.05	100.3
99	2/26/2010 9:31	11.76	48.66	31.68	8.82	8.07	3.4	4.05	99.3
100	2/26/2010 9:46	11.77	48.48	31.54	8.80	8.06	4.3	4.05	99.1
101	2/26/2010 10:01	11.77	48.61	31.64	8.79	8.03	4.7	4.01	99.1
102	2/26/2010 10:16	11.76	47.96	31.17	8.85	8.06	5.4	3.94	99.4
103	2/26/2010 10:31	11.77	48.56	31.60	8.83	8.06	4.8	3.89	99.5
104	2/26/2010 10:46	11.78	47.84	31.08	8.77	8.00	4.9	3.79	98.5
105	2/26/2010 11:01	11.78	47.64	30.93	8.78	8.00	5.3	3.68	98.5
106	2/26/2010 11:16	11.79	47.40	30.76	8.76	7.99	5.4	3.57	98.2

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	
107	2/26/2010 11:31	11.79	47.07	30.53	8.76	7.99	6.5	3.47	98.0
108	2/26/2010 11:46	11.79	47.04	30.51	8.75	7.98	5.2	3.34	97.9
109	2/26/2010 12:01	11.80	46.91	30.41	8.72	7.98	6.2	3.22	97.5
110	2/26/2010 12:16	11.80	46.76	30.31	8.69	7.97	5.6	3.11	97.2
111	2/26/2010 12:31	11.81	46.36	30.02	8.68	7.96	5.7	2.96	96.9
112	2/26/2010 12:46	11.82	46.05	29.79	8.67	7.97	6.3	2.84	96.7
113	2/26/2010 13:01	11.84	45.74	29.57	8.66	7.73	7.7	2.71	96.5
114	2/26/2010 13:16	11.84	45.77	29.59	8.68	7.97	8.2	2.57	96.7
115	2/26/2010 13:31	11.83	45.93	29.71	8.69	7.97	8.4	2.46	96.8
116	2/26/2010 13:46	11.81	46.27	29.95	8.73	7.98	7.1	2.29	97.4
117	2/26/2010 14:01	11.81	45.80	29.61	8.73	7.97	11.0	2.16	97.1
118	2/26/2010 14:16	11.81	45.99	29.75	8.68	7.97	10.7	2.04	96.8
119	2/26/2010 14:31	11.81	45.43	29.35	8.76	7.98	11.0	1.93	97.3
120	2/26/2010 14:46	11.83	45.58	29.46	8.76	7.94	10.4	1.78	97.5
121	2/26/2010 15:01	11.85	45.42	29.34	8.74	8.20	11.0	1.66	97.2
122	2/26/2010 15:16	11.89	45.32	29.28	8.74	7.97	11.5	1.55	97.2
123	2/26/2010 15:31	11.95	45.10	29.12	8.71	7.96	10.9	1.42	97.0
124	2/26/2010 15:46	11.99	44.99	29.04	8.68	7.95	10.1	1.36	96.6
125	2/26/2010 16:01	12.00	44.94	29.01	8.65	7.95	9.5	1.28	96.4
126	2/26/2010 16:16	12.01	44.78	28.89	8.68	7.96	8.9	1.26	96.6
127	2/26/2010 16:31	12.02	44.88	28.96	8.74	7.96	8.7	1.27	97.4
128	2/26/2010 16:46	11.98	44.96	29.02	8.70	8.18	7.2	1.29	96.8
129	2/26/2010 17:01	11.96	44.98	29.04	8.68	7.95	8.4	1.36	96.6
130	2/26/2010 17:16	11.94	44.46	28.66	8.67	7.96	9.3	1.44	96.2
131	2/26/2010 17:31	11.92	43.39	27.90	8.66	7.95	9.3	1.55	95.5
132	2/26/2010 17:46	11.91	42.37	27.18	8.66	7.90	8.5	1.63	95.2
133	2/26/2010 18:01	11.91	43.04	27.65	8.64	7.94	8.2	1.75	95.2
134	2/26/2010 18:16	11.90	42.98	27.61	8.62	7.93	7.4	1.84	95.0
135	2/26/2010 18:31	11.89	43.26	27.81	8.61	7.93	7.3	1.95	94.9
136	2/26/2010 18:46	11.88	43.55	28.01	8.64	7.93	7.4	2.06	95.4
137	2/26/2010 19:01	11.87	43.20	27.76	8.64	7.91	7.8	2.15	95.1
138	2/26/2010 19:16	11.87	44.66	28.80	8.59	7.95	7.5	2.27	95.3
139	2/26/2010 19:31	11.85	44.95	29.01	8.61	7.94	10.1	2.37	95.6
140	2/26/2010 19:46	11.84	44.92	28.98	8.62	7.95	11.5	2.46	95.6
141	2/26/2010 20:01	11.80	44.77	28.88	8.62	7.94	13.6	2.57	95.5
142	2/26/2010 20:16	11.79	44.40	28.62	8.66	8.18	13.4	2.68	95.7
143	2/26/2010 20:31	11.79	45.57	29.45	8.65	7.97	19.5	2.78	96.2
144	2/26/2010 20:46	11.76	45.92	29.70	8.68	8.20	16.7	2.89	96.6
145	2/26/2010 21:01	11.76	46.20	29.90	8.70	7.98	19.7	2.99	96.9
146	2/26/2010 21:16	11.75	46.57	30.17	8.73	7.99	20.9	3.09	97.4
147	2/26/2010 21:31	11.73	47.02	30.49	8.75	8.01	20.4	3.21	97.7
148	2/26/2010 21:46	11.72	47.37	30.74	8.75	8.02	19.0	3.31	97.9
149	2/26/2010 22:01	11.70	47.50	30.84	8.77	8.25	17.8	3.38	98.1
150	2/26/2010 22:16	11.70	47.58	30.89	8.81	8.26	13.5	3.47	98.7
151	2/26/2010 22:31	11.67	47.57	30.88	8.91	8.04	9.8	3.53	99.7
152	2/26/2010 22:46	11.66	47.52	30.85	8.91	8.04	7.5	3.58	99.6
153	2/26/2010 23:01	11.66	47.32	30.70	8.96	8.02	5.9	3.60	100.0
154	2/26/2010 23:16	11.67	47.40	30.76	8.75	8.02	6.6	3.61	97.8
155	2/26/2010 23:31	11.66	47.53	30.85	8.87	8.28	6.2	3.60	99.2
156	2/26/2010 23:46	11.67	47.55	30.87	8.88	8.05	8.4	3.54	99.3
157	2/27/2010 0:01	11.53	46.31	29.96	8.70	8.22	7.6	3.47	96.4
158	2/27/2010 0:16	11.46	45.57	29.44	8.69	7.98	8.6	3.41	95.9
159	2/27/2010 0:31	11.44	44.74	28.84	8.66	7.97	7.6	3.32	95.2

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	
160	2/27/2010 0:46	11.46	44.47	28.65	8.63	7.93	6.9	3.21	94.8
161	2/27/2010 1:01	11.63	46.06	29.79	8.59	7.97	14.0	3.12	95.4
162	2/27/2010 1:16	11.57	45.83	29.63	8.61	7.98	9.8	3.03	95.4
163	2/27/2010 1:31	11.55	45.27	29.23	8.58	7.96	9.1	2.92	94.7
164	2/27/2010 1:46	11.52	44.95	29.00	8.54	8.19	7.3	2.84	94.1
165	2/27/2010 2:01	11.51	44.73	28.83	8.53	7.95	6.7	2.77	93.9
166	2/27/2010 2:16	11.51	44.45	28.64	8.48	7.94	6.3	2.66	93.3
167	2/27/2010 2:31	11.35	44.00	28.31	8.47	7.93	6.3	2.59	92.6
168	2/27/2010 2:46	11.38	43.78	28.15	8.49	8.16	7.8	2.53	92.7
169	2/27/2010 3:01	11.42	44.06	28.35	8.45	7.93	6.3	2.46	92.6
170	2/27/2010 3:16	11.38	43.89	28.23	8.48	7.94	6.9	2.37	92.7
171	2/27/2010 3:31	11.36	44.28	28.51	8.45	7.94	6.0	2.34	92.5
172	2/27/2010 3:46	11.42	44.21	28.46	8.40	7.93	5.2	2.29	92.0
173	2/27/2010 4:01	11.43	44.27	28.50	8.37	7.92	4.8	2.25	91.8
174	2/27/2010 4:16	11.47	44.23	28.48	8.34	7.92	4.6	2.24	91.5
175	2/27/2010 4:31	11.62	44.62	28.76	8.36	7.94	4.4	2.23	92.1
176	2/27/2010 4:46	11.61	44.76	28.86	8.37	7.93	4.5	2.25	92.3
177	2/27/2010 5:01	11.55	44.60	28.74	8.39	8.16	4.9	2.28	92.4
178	2/27/2010 5:16	11.50	44.26	28.50	8.39	8.16	5.9	2.33	92.2
179	2/27/2010 5:31	11.47	43.90	28.24	8.41	7.92	8.4	2.38	92.1
180	2/27/2010 5:46	11.46	43.21	27.76	8.47	7.89	11.0	2.46	92.5
181	2/27/2010 6:01	11.50	43.94	28.28	8.43	7.93	11.4	2.55	92.5
182	2/27/2010 6:16	11.50	43.40	27.89	8.52	7.95	9.8	2.63	93.2
183	2/27/2010 6:31	11.52	44.86	28.93	8.51	8.18	11.2	2.71	93.7
184	2/27/2010 6:46	11.55	45.25	29.21	8.53	8.19	14.0	2.82	94.2
185	2/27/2010 7:01	11.53	45.01	29.04	8.58	8.19	10.9	2.92	94.6
186	2/27/2010 7:16	11.55	45.37	29.29	8.59	7.96	11.7	3.01	94.9
187	2/27/2010 7:31	11.55	45.44	29.35	8.60	7.96	14.0	3.13	95.0
188	2/27/2010 7:46	11.54	45.55	29.42	8.63	8.20	18.8	3.24	95.4
189	2/27/2010 8:01	11.50	45.69	29.52	8.71	7.99	18.6	3.35	96.3
190	2/27/2010 8:16	11.50	46.02	29.76	8.76	8.00	16.1	3.46	96.9
191	2/27/2010 8:31	11.50	46.29	29.95	8.80	8.01	16.0	3.57	97.5
192	2/27/2010 8:46	11.50	46.67	30.23	8.83	7.79	11.7	3.67	98.0
193	2/27/2010 9:01	11.51	46.60	30.17	8.89	8.01	14.6	3.77	98.7
194	2/27/2010 9:16	11.51	47.30	30.68	8.89	8.06	12.3	3.85	99.0
195	2/27/2010 9:31	11.51	47.47	30.81	8.87	7.82	10.1	3.93	98.9
196	2/27/2010 9:46	11.54	47.46	30.80	8.89	8.19	8.1	4.00	99.2
197	2/27/2010 10:01	11.55	47.47	30.80	8.90	7.97	7.0	4.05	99.3
198	2/27/2010 10:16	11.56	47.46	30.79	8.91	8.30	5.8	4.08	99.3
199	2/27/2010 10:31	11.55	47.07	30.52	8.84	8.06	5.5	4.09	98.4
200	2/27/2010 10:46	11.54	47.38	30.74	8.79	8.28	6.5	4.08	98.0
201	2/27/2010 11:01	11.53	47.40	30.75	8.84	8.05	7.9	4.04	98.5
202	2/27/2010 11:16	11.56	47.36	30.73	8.86	8.29	7.1	3.97	98.8
203	2/27/2010 11:31	11.76	46.88	30.39	8.92	8.08	7.9	3.88	99.7
204	2/27/2010 11:46	11.82	46.52	30.13	8.88	8.26	6.4	3.78	99.2
205	2/27/2010 12:01	11.80	45.84	29.64	8.79	7.96	10.3	3.66	97.8
206	2/27/2010 12:16	11.80	45.64	29.50	8.75	8.22	12.8	3.54	97.4
207	2/27/2010 12:31	11.84	45.59	29.47	8.77	8.22	14.6	3.41	97.6
208	2/27/2010 12:46	11.95	45.35	29.30	8.77	8.11	17.9	3.30	97.7
209	2/27/2010 13:01	11.99	44.73	28.85	8.76	7.98	19.5	3.16	97.4
210	2/27/2010 13:16	11.99	44.79	28.90	8.72	8.19	19.1	3.03	97.0
211	2/27/2010 13:31	12.08	45.27	29.25	8.76	7.97	27.9	2.90	97.9
212	2/27/2010 13:46	12.13	45.43	29.36	8.78	7.98	29.0	2.75	98.2

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	
213	2/27/2010 14:01	12.12	45.25	29.23	8.73	7.97	21.6	2.69	97.6
214	2/27/2010 14:16	12.31	45.16	29.17	8.88	7.89	21.5	2.52	99.6
215	2/27/2010 14:31	12.36	44.93	29.01	8.89	8.20	26.4	2.32	99.8
216	2/27/2010 14:46	12.35	44.60	28.78	8.94	7.95	29.0	2.22	100.1
217	2/27/2010 15:01	12.38	44.53	28.73	8.80	8.18	29.7	2.07	98.6
218	2/27/2010 15:16	12.38	44.59	28.77	8.74	8.07		1.96	97.9
219	2/27/2010 15:31	12.46	44.54	28.73	8.80	7.98	32.4	1.72	98.8
220	2/27/2010 15:46	12.35	44.13	28.44	8.72	7.94	38.0	1.62	97.5
221	2/27/2010 16:01	12.37	44.32	28.57	8.67	7.93	28.5	1.61	97.0
222	2/27/2010 16:16	12.65	44.54	28.74	9.01	8.21	24.2	1.36	101.6
223	2/27/2010 16:31	12.36	43.51	28.00	8.72	7.96	23.9	1.31	97.2
224	2/27/2010 16:46	12.38	44.12	28.43	8.71	7.70	21.9	1.23	97.4
225	2/27/2010 17:01	12.43	43.64	28.10	8.78	7.95	17.3	1.32	98.1
226	2/27/2010 17:16	12.35	43.70	28.14	8.66	7.88	17.9	1.26	96.7
227	2/27/2010 17:31	12.35	43.68	28.12	8.65	7.83	16.7	1.16	96.4
228	2/27/2010 17:46	12.33	43.49	27.98	8.68	8.13	18.1	1.42	96.7
229	2/27/2010 18:01	12.31	43.28	27.83	8.65	7.90	24.9	1.51	96.2
230	2/27/2010 18:16	12.24	41.48	26.55	8.70	7.85	23.9	1.54	95.9
231	2/27/2010 18:31	12.23	41.39	26.49	8.65	8.10	18.6	1.58	95.3
232	2/27/2010 18:46	12.26	42.11	27.00	8.66	7.89	17.3	1.81	95.7
233	2/27/2010 19:01	12.23	41.72	26.73	8.67	8.11	17.8	1.90	95.6
234	2/27/2010 19:16	12.21	41.35	26.46	8.68	7.86	25.9	1.99	95.5
235	2/27/2010 19:31	12.17	42.61	27.35	8.66	8.12	24.0	2.09	95.7
236	2/27/2010 19:46	12.15	43.51	27.99	8.65	7.91	19.1	2.26	96.1
237	2/27/2010 20:01	12.13	43.03	27.65	8.69	7.91	17.5	2.37	96.2
238	2/27/2010 20:16	12.11	43.31	27.85	8.67	8.04	22.6	2.42	96.1
239	2/27/2010 20:31	12.09	43.71	28.13	8.73	8.15	15.6	2.60	96.8
240	2/27/2010 20:46	12.00	43.18	27.75	8.74	7.92	26.6	2.64	96.5
241	2/27/2010 21:01	11.99	43.70	28.12	8.73	7.93	29.8	2.84	96.6
242	2/27/2010 21:16	11.98	43.84	28.22	8.75	7.94	47.0	2.91	96.8
243	2/27/2010 21:31	11.95	44.12	28.42	8.76	8.18	43.0	2.99	97.1
244	2/27/2010 21:46	11.93	44.63	28.79	8.81	7.98	52.4	3.11	97.9
245	2/27/2010 22:01	11.90	45.10	29.12	8.97	8.22	49.6	3.20	99.8
246	2/27/2010 22:16	11.88	45.23	29.21	9.06	8.23	49.3	3.36	100.8
247	2/27/2010 22:31	11.87	45.19	29.18	9.10	8.02	46.2	3.40	101.1
248	2/27/2010 22:46	11.84	45.42	29.35	9.15	8.25	42.0	3.55	101.7
249	2/27/2010 23:01	11.81	45.54	29.43	9.19	8.04	36.1	3.61	102.2
250	2/27/2010 23:16	11.80	44.97	29.02	9.16	8.00	26.7	3.64	101.6
251	2/27/2010 23:31	11.78	45.56	29.45	9.19	8.01	31.0	3.75	102.2
252	2/27/2010 23:46	11.78	45.43	29.35	9.18	8.04	21.2	3.75	102.0
253	2/28/2010 0:01	11.80	44.83	28.92	9.09	7.99	20.7	3.68	100.7
254	2/28/2010 0:16	11.80	45.43	29.35	9.11	8.25	33.0	3.61	101.2
255	2/28/2010 0:31	11.79	44.72	28.84	9.04	7.99	13.4	3.66	100.1
256	2/28/2010 0:46	11.81	44.59	28.75	8.86	7.98	12.9	3.51	98.1
257	2/28/2010 1:01	11.74	43.36	27.87	8.80	7.96	17.3	3.38	96.7
258	2/28/2010 1:16	11.78	43.44	27.93	8.84	7.97	10.7	3.33	97.3
259	2/28/2010 1:31	11.80	43.82	28.20	8.72	7.95	16.0	3.16	96.2
260	2/28/2010 1:46	11.79	43.36	27.87	8.68	8.16	31.7	3.17	95.5
261	2/28/2010 2:01	11.82	43.95	28.29	8.74	7.95	19.2	3.00	96.5
262	2/28/2010 2:16	11.80	42.80	27.48	8.72	7.91	19.0	2.84	95.7
263	2/28/2010 2:31	11.75	43.49	27.96	8.71	7.94	12.1	2.77	95.8
264	2/28/2010 2:46	11.75	43.76	28.16	8.67	7.94	9.2	2.71	95.6
265	2/28/2010 3:01	11.80	43.43	27.92	8.62	8.15	10.6	2.58	94.9

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	
266	2/28/2010 3:16	11.80	43.62	28.06	8.63	7.70	10.3	2.37	95.1
267	2/28/2010 3:31	11.81	43.21	27.77	8.60	8.14	17.8	2.38	94.7
268	2/28/2010 3:46	11.82	42.44	27.22	8.53	7.89	13.2	2.29	93.6
269	2/28/2010 4:01	11.78	42.90	27.54	8.55	8.03	12.3	2.20	93.8
270	2/28/2010 4:16	11.75	43.48	27.96	8.54	8.14	11.4	2.03	93.9
271	2/28/2010 4:31	11.82	42.76	27.45	8.47	7.88	12.9	2.02	93.1
272	2/28/2010 4:46	11.82	42.67	27.38	8.45	8.10	10.4	2.04	92.7
273	2/28/2010 5:01	11.83	42.74	27.43	8.38	7.65	10.7	1.95	92.1
274	2/28/2010 5:16	11.81	42.75	27.44	8.43	7.88	11.3	1.78	92.5
275	2/28/2010 5:31	11.81	42.81	27.48	8.40	7.88	7.4	2.00	92.2
276	2/28/2010 5:46	11.80	42.80	27.48	8.44	8.11	10.9	2.00	92.7
277	2/28/2010 6:01	11.81	42.79	27.47	8.40	7.88	8.9	1.87	92.3
278	2/28/2010 6:16	11.78	42.39	27.18	8.39	7.91	9.1	2.08	91.9
279	2/28/2010 6:31	11.80	42.42	27.20	8.44	7.88	11.0	2.16	92.5
280	2/28/2010 6:46	11.78	41.79	26.76	8.45	7.87	12.7	2.27	92.4
281	2/28/2010 7:01	11.81	42.20	27.05	8.45	8.10	16.1	2.30	92.5
282	2/28/2010 7:16	11.82	42.68	27.39	8.50	7.67	17.1	2.46	93.3
283	2/28/2010 7:31	11.79	42.73	27.43	8.57	7.91	15.7	2.60	94.1
284	2/28/2010 7:46	11.85	43.40	27.90	8.68	7.91	21.9	2.68	95.7
285	2/28/2010 8:01	11.86	43.84	28.22	8.67	7.93	19.5	2.75	95.8
286	2/28/2010 8:16	11.84	43.83	28.21	8.69	8.16	16.7	2.88	96.0
287	2/28/2010 8:31	11.82	43.88	28.24	8.73	8.17	25.3	3.00	96.4
288	2/28/2010 8:46	11.81	43.83	28.21	8.76	8.17	33.8	3.05	96.7
289	2/28/2010 9:01	11.77	44.14	28.43	8.88	7.97	38.3	3.22	98.0
290	2/28/2010 9:16	11.77	44.06	28.37	8.95	7.99	46.7	3.32	98.8
291	2/28/2010 9:31	11.74	45.24	29.21	9.02	8.23	62.6	3.45	100.0
292	2/28/2010 9:46	11.72	45.77	29.59	9.21	7.80	57.5	3.59	102.3
293	2/28/2010 10:01	11.72	45.97	29.73	9.27	8.16	50.7	3.67	103.0
294	2/28/2010 10:16	11.72	45.99	29.75	9.27	8.27	46.6	3.77	103.1
295	2/28/2010 10:31	11.70	45.88	29.67	9.38	8.05	46.4	3.91	104.2
296	2/28/2010 10:46	11.71	45.82	29.62	9.38	7.82	39.7	3.95	104.2
297	2/28/2010 11:01	11.70	45.68	29.52	9.33	8.05	25.1	3.95	103.6
298	2/28/2010 11:16	11.68	45.80	29.61	9.45	7.82	27.8	4.10	104.9
299	2/28/2010 11:31	11.68	45.79	29.60	9.43	8.29	18.8	4.04	104.7
300	2/28/2010 11:46	11.68	45.06	29.08	9.45	8.03	30.0	4.01	104.5
301	2/28/2010 12:01	11.92	45.59	29.47	9.21	8.03	24.3	3.95	102.7
302	2/28/2010 12:16	11.86	45.72	29.56	9.16	7.79	17.6	3.94	102.0
303	2/28/2010 12:31	11.97	45.45	29.37	9.17	8.15	13.6	3.78	102.2
304	2/28/2010 12:46	12.07	45.01	29.06	9.07	7.99	13.2	3.64	101.1
305	2/28/2010 13:01	12.11	44.90	28.98	8.98	8.21	12.3	3.52	100.2
306	2/28/2010 13:16	12.28	44.20	28.49	8.88	8.19	13.8	3.48	99.1
307	2/28/2010 13:31	12.20	44.31	28.56	8.87	8.19	12.9	3.31	98.9
308	2/28/2010 13:46	12.35	44.11	28.43	8.88	7.96	13.5	3.13	99.2
309	2/28/2010 14:01	12.36	44.18	28.48	8.88	7.96	13.8	3.01	99.3
310	2/28/2010 14:16	12.40	43.94	28.31	8.86	7.95	12.2	2.95	99.0
311	2/28/2010 14:31	12.48	44.51	28.72	8.95	7.98	9.8	2.78	100.5
312	2/28/2010 14:46	12.54	44.25	28.54	8.99	7.98	9.7	2.58	100.9
313	2/28/2010 15:01	12.54	43.82	28.22	8.92	7.95	12.0	2.50	99.9
314	2/28/2010 15:16	12.57	43.54	28.03	8.92	7.94	11.5	2.34	99.9
315	2/28/2010 15:31	12.57	43.49	27.99	8.88	7.94	11.2	2.19	99.4
316	2/28/2010 15:46	12.54	43.36	27.90	8.89	7.93	14.0	1.98	99.5
317	2/28/2010 16:01	12.65	43.43	27.95	9.02	7.95	18.3	1.90	101.2
318	2/28/2010 16:16	12.64	43.20	27.79	9.05	7.94	14.1	1.76	101.4

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	
319	2/28/2010 16:31	12.73	43.24	27.82	9.07	7.96	13.1	1.61	101.8
320	2/28/2010 16:46	12.64	43.06	27.69	8.89	7.92	12.7	1.43	99.5
321	2/28/2010 17:01	12.64	42.96	27.62	8.87	7.92	11.5	1.40	99.2
322	2/28/2010 17:16	12.66	43.00	27.65	8.89	7.92	10.8	1.32	99.5
323	2/28/2010 17:31	12.71	42.73	27.46	8.91	7.96	9.6	1.16	99.8
324	2/28/2010 17:46	12.74	42.49	27.29	8.89	8.14	6.7	1.27	99.5
325	2/28/2010 18:01	12.70	42.74	27.46	8.91	8.14	7.7	1.25	99.7
326	2/28/2010 18:16	12.68	42.66	27.41	8.89	7.92	8.5	1.36	99.5
327	2/28/2010 18:31	12.64	42.71	27.44	8.82	7.91	7.5	1.38	98.5
328	2/28/2010 18:46	12.58	41.46	26.55	8.81	7.89	9.0	1.55	97.8
329	2/28/2010 19:01	12.54	40.37	25.78	8.81	7.87	9.8	1.63	97.3
330	2/28/2010 19:16	12.50	39.62	25.25	8.81	8.07	10.6	1.70	96.8
331	2/28/2010 19:31	12.53	41.00	26.22	8.76	7.88	9.5	1.83	96.9
332	2/28/2010 19:46	12.53	41.24	26.40	8.74	7.66	10.5	1.94	96.9
333	2/28/2010 20:01	12.50	42.54	27.32	8.72	8.12	12.4	2.10	97.1
334	2/28/2010 20:16	12.47	42.65	27.39	8.70	7.90	13.5	2.17	96.9
335	2/28/2010 20:31	12.48	42.47	27.26	8.71	7.95	12.4	2.32	96.9
336	2/28/2010 20:46	12.46	42.68	27.41	8.72	7.91	13.5	2.42	97.1
337	2/28/2010 21:01	12.40	42.73	27.45	8.74	7.91	13.1	2.55	97.2
338	2/28/2010 21:16	12.37	43.33	27.87	8.75	7.92	21.7	2.68	97.5
339	2/28/2010 21:31	12.31	43.46	27.96	8.79	7.94	28.7	2.79	97.8
340	2/28/2010 21:46	12.26	43.71	28.14	8.84	7.95	28.6	2.90	98.5
341	2/28/2010 22:01	12.24	44.15	28.45	8.88	7.96	31.3	3.01	99.0
342	2/28/2010 22:16	12.14	44.79	28.90	8.99	7.98	41.9	3.16	100.3
343	2/28/2010 22:31	12.10	45.14	29.16	9.05	8.22	40.5	3.24	101.0
344	2/28/2010 22:46	12.07	45.36	29.31	9.08	8.23	37.6	3.37	101.5
345	2/28/2010 23:01	11.99	45.54	29.44	9.16	8.00	43.0	3.50	102.2
346	2/28/2010 23:16	11.92	46.13	29.85	9.16	8.04	36.3	3.58	102.4
347	2/28/2010 23:31	11.88	46.26	29.95	9.15	8.04	33.8	3.66	102.2
348	2/28/2010 23:46	11.84	46.29	29.97	9.19	8.04	30.8	3.77	102.6
349	3/1/2010 0:01	11.83	46.39	30.04	9.15	8.04	24.2	3.80	102.1
350	3/1/2010 0:16	11.82	46.42	30.06	9.14	8.27	19.6	3.83	102.0
351	3/1/2010 0:31	11.81	45.81	29.62	9.12	8.05	15.7	3.87	101.6
352	3/1/2010 0:46	11.86	46.27	29.95	9.07	8.16	19.5	3.83	101.3
353	3/1/2010 1:01	11.83	46.44	30.07	9.12	8.08	23.9	3.81	101.8
354	3/1/2010 1:16	11.87	46.15	29.87	9.12	8.03	21.5	3.69	101.8
355	3/1/2010 1:31	11.97	45.56	29.45	9.00	8.01	15.4	3.60	100.4
356	3/1/2010 1:46	12.03	44.89	28.97	8.91	7.98	14.3	3.49	99.3
357	3/1/2010 2:01	12.10	44.29	28.54	8.81	7.73	23.2	3.36	98.0
358	3/1/2010 2:16	12.12	43.99	28.34	8.79	7.95	18.1	3.24	97.7
359	3/1/2010 2:31	12.11	44.06	28.38	8.82	7.96	15.8	3.12	98.1
360	3/1/2010 2:46	12.14	43.34	27.87	8.72	8.06	13.3	2.94	96.7
361	3/1/2010 3:01	12.15	43.37	27.89	8.71	8.15	13.1	2.88	96.6
362	3/1/2010 3:16	12.15	43.23	27.79	8.67	8.15	10.7	2.74	96.1
363	3/1/2010 3:31	12.17	43.29	27.84	8.68	8.15	11.2	2.60	96.3
364	3/1/2010 3:46	12.14	43.47	27.96	8.70	7.93	11.2	2.46	96.5
365	3/1/2010 4:01	12.21	43.07	27.68	8.61	7.91	11.2	2.40	95.5
366	3/1/2010 4:16	12.18	42.60	27.34	8.61	7.91	9.4	2.26	95.2
367	3/1/2010 4:31	12.14	43.27	27.82	8.57	7.91	10.9	2.12	95.0
368	3/1/2010 4:46	12.26	42.62	27.37	8.50	8.11	12.0	2.03	94.2
369	3/1/2010 5:01	12.18	42.93	27.58	8.49	7.89	9.5	1.94	94.1
370	3/1/2010 5:16	12.25	42.41	27.21	8.48	7.86	9.3	1.84	93.9
371	3/1/2010 5:31	12.24	42.75	27.45	8.44	7.88	8.9	1.75	93.6

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	
372	3/1/2010 5:46	12.26	42.67	27.40	8.43	8.10	8.2	1.70	93.4
373	3/1/2010 6:01	12.32	42.50	27.28	8.45	8.09	7.5	1.69	93.7
374	3/1/2010 6:16	12.28	42.48	27.26	8.43	7.88	6.4	1.69	93.4
375	3/1/2010 6:31	12.31	42.52	27.30	8.41	7.87	6.4	1.71	93.3
376	3/1/2010 6:46	12.32	42.50	27.28	8.44	7.87	6.3	1.78	93.6
377	3/1/2010 7:01	12.27	42.46	27.25	8.45	7.65	6.8	1.85	93.6
378	3/1/2010 7:16	12.26	41.46	26.54	8.45	7.84	8.1	1.97	93.2
379	3/1/2010 7:31	12.24	41.75	26.74	8.43	7.87	9.2	2.06	93.0
380	3/1/2010 7:46	12.24	41.71	26.71	8.43	7.87	9.4	2.16	93.0
381	3/1/2010 8:01	12.24	42.25	27.10	8.43	7.88	10.0	2.31	93.2
382	3/1/2010 8:16	12.20	42.42	27.22	8.48	8.10	9.3	2.39	93.7
383	3/1/2010 8:31	12.18	43.19	27.77	8.58	8.13	11.8	2.51	95.1
384	3/1/2010 8:46	12.22	43.67	28.11	8.65	7.85	11.1	2.60	96.2
385	3/1/2010 9:01	12.22	43.73	28.15	8.66	8.15	11.7	2.70	96.4
386	3/1/2010 9:16	12.18	43.88	28.26	8.68	8.15	14.4	2.79	96.5
387	3/1/2010 9:31	12.15	43.27	27.82	8.74	7.94	17.1	2.94	96.9
388	3/1/2010 9:46	12.10	43.90	28.27	8.76	7.99	22.4	3.02	97.3
389	3/1/2010 10:01	12.04	44.29	28.55	8.84	7.94	22.2	3.11	98.2
390	3/1/2010 10:16	12.01	44.65	28.80	8.86	7.98	24.7	3.27	98.5
391	3/1/2010 10:31	11.91	45.67	29.53	8.90	8.22	36.1	3.37	99.2
392	3/1/2010 10:46	11.87	46.08	29.82	8.94	8.24	33.0	3.46	99.7
393	3/1/2010 11:01	11.86	46.20	29.90	8.95	8.01	28.6	3.59	99.9
394	3/1/2010 11:16	11.86	46.37	30.03	8.96	8.02	28.2	3.69	100.1
395	3/1/2010 11:31	11.84	46.39	30.04	9.01	8.03	22.8	3.76	100.7
396	3/1/2010 11:46	11.81	46.29	29.96	9.05	8.04	18.9	3.83	101.0
397	3/1/2010 12:01	11.80	46.05	29.79	9.08	8.04	17.0	3.90	101.2
398	3/1/2010 12:16	11.79	46.08	29.81	9.07	8.04	15.5	3.93	101.0
399	3/1/2010 12:31	11.81	46.07	29.81	9.02	8.04	9.6	3.93	100.5
400	3/1/2010 12:46	11.87	46.17	29.88	8.94	8.02	14.6	3.89	99.8
401	3/1/2010 13:01	12.00	46.14	29.86	8.95	7.94	12.1	3.87	100.2
402	3/1/2010 13:16	11.91	46.11	29.84	8.99	8.25	12.0	3.77	100.4
403	3/1/2010 13:31	11.99	45.93	29.72	8.94	8.24	12.4	3.65	100.0
404	3/1/2010 13:46	12.07	45.73	29.57	8.92	8.00	9.6	3.57	99.9
405	3/1/2010 14:01	12.14	45.28	29.26	8.86	8.11	8.1	3.42	99.1
406	3/1/2010 14:16	12.28	44.68	28.83	8.87	8.01	12.6	3.26	99.2
407	3/1/2010 14:31	12.30	44.52	28.72	8.86	8.19	10.7	3.17	99.1
408	3/1/2010 14:46	12.33	44.25	28.53	8.84	7.93	9.3	3.03	98.8
409	3/1/2010 15:01	12.37	44.17	28.47	8.79	8.08	8.9	2.91	98.3
410	3/1/2010 15:16	12.40	43.82	28.22	8.77	7.86	10.4	2.75	98.1
411	3/1/2010 15:31	12.37	43.89	28.27	8.88	7.96	10.2	2.63	99.1
412	3/1/2010 15:46	12.28	44.97	29.04	8.91	7.98	7.8	2.52	99.9
413	3/1/2010 16:01	12.41	43.96	28.32	8.85	8.17	10.1	2.35	98.9
414	3/1/2010 16:16	12.46	43.18	27.77	8.80	7.72	9.8	2.22	98.2
415	3/1/2010 16:31	12.50	43.43	27.95	8.78	8.15	11.5	2.07	98.1
416	3/1/2010 16:46	12.54	43.12	27.73	8.78	8.14	11.4	2.00	98.1
417	3/1/2010 17:01	12.56	42.70	27.43	8.85	7.97	11.1	1.84	98.8
418	3/1/2010 17:16	12.58	43.31	27.86	8.88	8.07	11.0	1.67	99.3
419	3/1/2010 17:31	12.64	42.97	27.62	8.74	7.84	9.7	1.63	97.8
420	3/1/2010 17:46	12.63	43.06	27.69	8.73	8.13	9.8	1.48	97.7
421	3/1/2010 18:01	12.70	42.48	27.28	8.71	7.90	9.2	1.41	97.3
422	3/1/2010 18:16	12.72	42.52	27.31	8.68	7.90	7.8	1.40	97.1
423	3/1/2010 18:31	12.70	42.55	27.33	8.65	7.89	7.8	1.43	96.7
424	3/1/2010 18:46	12.69	42.62	27.38	8.68	7.89	6.8	1.47	97.0

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	
425	3/1/2010 19:01	12.67	42.67	27.42	8.63	7.82	7.0	1.43	96.5
426	3/1/2010 19:16	12.66	42.67	27.41	8.66	7.68	7.1	1.62	96.8
427	3/1/2010 19:31	12.63	41.63	26.68	8.67	8.10	9.5	1.64	96.4
428	3/1/2010 19:46	12.62	41.06	26.27	8.67	7.85	8.1	1.76	96.2
429	3/1/2010 20:01	12.62	41.98	26.92	8.63	7.89	8.2	1.91	96.1
430	3/1/2010 20:16	12.60	41.79	26.78	8.61	8.09	8.7	2.00	95.8
431	3/1/2010 20:31	12.58	41.95	26.90	8.63	7.86	8.5	2.13	96.0
432	3/1/2010 20:46	12.47	42.45	27.25	8.66	7.90	9.2	2.25	96.3
433	3/1/2010 21:01	12.41	43.10	27.71	8.68	7.91	8.9	2.37	96.7
434	3/1/2010 21:16	12.41	43.55	28.03	8.68	7.92	11.2	2.47	96.8
435	3/1/2010 21:31	12.38	43.62	28.08	8.69	7.93	12.0	2.57	97.0
436	3/1/2010 21:46	12.32	43.79	28.20	8.72	7.94	15.8	2.70	97.2
437	3/1/2010 22:01	12.25	44.16	28.46	8.74	7.95	18.8	2.82	97.5
438	3/1/2010 22:16	12.18	44.40	28.63	8.77	7.96	17.9	2.92	97.8
439	3/1/2010 22:31	12.12	44.70	28.84	8.82	8.19	20.6	3.07	98.4
440	3/1/2010 22:46	12.05	45.02	29.07	8.88	7.98	25.9	3.20	99.0
441	3/1/2010 23:01	11.98	45.36	29.30	8.94	8.22	28.9	3.32	99.7
442	3/1/2010 23:16	11.94	45.60	29.47	9.00	8.23	34.4	3.42	100.4
443	3/1/2010 23:31	11.89	45.77	29.59	9.08	8.24	31.8	3.57	101.3
444	3/1/2010 23:46	11.84	45.88	29.67	9.15	7.80	33.3	3.68	101.9
445	3/2/2010 0:01	11.82	45.93	29.71	9.20	7.81	28.5	3.75	102.5
446	3/2/2010 0:16	11.78	45.90	29.68	9.22	8.26	18.9	3.87	102.6
447	3/2/2010 0:31	11.76	46.01	29.77	9.26	8.17	14.9	3.95	103.0
448	3/2/2010 0:46	11.74	46.19	29.89	9.26	8.27	12.7	3.96	103.1
449	3/2/2010 1:01	11.79	45.96	29.73	9.19	8.03	11.7	3.97	102.3
450	3/2/2010 1:16	11.78	45.72	29.56	9.18	8.04	12.4	4.01	102.1
451	3/2/2010 1:31	11.76	46.15	29.86	9.22	8.04	13.9	3.93	102.7
452	3/2/2010 1:46	11.76	45.73	29.56	9.20	8.04	15.6	3.88	102.3
453	3/2/2010 2:01	11.81	45.84	29.64	9.12	8.25	13.3	3.77	101.5
454	3/2/2010 2:16	11.79	45.82	29.63	9.14	7.95	13.7	3.68	101.7
455	3/2/2010 2:31	11.88	45.42	29.35	8.99	7.77	12.1	3.57	100.1
456	3/2/2010 2:46	11.94	44.97	29.03	8.89	7.98	14.8	3.38	98.9
457	3/2/2010 3:01	11.93	45.15	29.15	8.89	8.21	15.0	3.33	98.9
458	3/2/2010 3:16	11.97	44.94	29.00	8.85	7.98	13.4	3.17	98.5
459	3/2/2010 3:31	12.04	44.39	28.61	8.77	8.18	9.9	3.05	97.5
460	3/2/2010 3:46	12.05	44.04	28.37	8.75	7.95	9.3	2.94	97.2
461	3/2/2010 4:01	12.13	43.63	28.07	8.73	7.93	9.8	2.77	96.9
462	3/2/2010 4:16	12.09	43.62	28.07	8.72	8.15	9.8	2.66	96.7
463	3/2/2010 4:31	12.11	43.20	27.77	8.74	7.92	9.2	2.54	96.7
464	3/2/2010 4:46	12.04	43.59	28.05	8.75	7.93	9.7	2.42	97.0
465	3/2/2010 5:01	12.08	43.25	27.81	8.68	7.92	9.5	2.27	96.1
466	3/2/2010 5:16	12.14	42.82	27.50	8.62	7.90	11.7	2.15	95.4
467	3/2/2010 5:31	12.17	42.16	27.04	8.62	8.11	11.6	2.03	95.1
468	3/2/2010 5:46	12.12	42.72	27.43	8.59	7.90	10.7	1.91	95.0
469	3/2/2010 6:01	12.15	42.64	27.38	8.55	7.89	11.5	1.81	94.6
470	3/2/2010 6:16	12.16	42.51	27.29	8.53	8.10	11.0	1.68	94.3
471	3/2/2010 6:31	12.15	42.47	27.25	8.50	8.10	10.5	1.64	93.9
472	3/2/2010 6:46	12.20	42.03	26.95	8.47	7.87	9.3	1.62	93.5
473	3/2/2010 7:01	12.19	42.28	27.12	8.41	7.87	8.0	1.54	92.9
474	3/2/2010 7:16	12.20	42.25	27.10	8.43	8.09	6.9	1.57	93.1
475	3/2/2010 7:31	12.19	42.33	27.16	8.46	7.87	7.9	1.61	93.5
476	3/2/2010 7:46	12.22	42.33	27.16	8.48	8.09	7.3	1.69	93.7
477	3/2/2010 8:01	12.16	41.94	26.88	8.47	8.08	8.7	1.73	93.4

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	
478	3/2/2010 8:16	12.17	41.96	26.89	8.48	7.87	7.7	1.85	93.5
479	3/2/2010 8:31	12.12	41.46	26.54	8.49	7.86	9.2	2.04	93.3
480	3/2/2010 8:46	12.12	41.49	26.56	8.49	7.86	9.9	2.09	93.3
481	3/2/2010 9:01	12.14	42.10	26.99	8.50	8.09	9.9	2.22	93.7
482	3/2/2010 9:16	12.13	42.75	27.45	8.55	7.90	10.9	2.32	94.5
483	3/2/2010 9:31	12.13	43.37	27.89	8.62	8.13	10.6	2.44	95.5
484	3/2/2010 9:46	12.15	43.53	28.01	8.65	8.13	10.3	2.51	96.0
485	3/2/2010 10:01	12.14	43.36	27.89	8.66	8.14	10.8	2.65	96.0
486	3/2/2010 10:16	12.10	43.76	28.17	8.69	7.93	13.7	2.76	96.5
487	3/2/2010 10:31	12.08	43.87	28.25	8.72	8.16	14.8	2.87	96.8
488	3/2/2010 10:46	12.04	44.08	28.39	8.77	7.95	17.0	2.93	97.3
489	3/2/2010 11:01	12.00	43.99	28.33	8.85	7.96	17.9	3.05	98.1
490	3/2/2010 11:16	11.96	44.96	29.02	8.90	7.91	18.9	3.17	99.0
491	3/2/2010 11:31	11.90	45.01	29.06	9.00	7.98	25.5	3.26	100.0
492	3/2/2010 11:46	11.88	45.91	29.70	9.07	8.01	23.8	3.40	101.2
493	3/2/2010 12:01	11.87	46.04	29.79	9.12	7.79	22.8	3.50	101.8
494	3/2/2010 12:16	11.87	45.73	29.57	9.13	8.00	21.9	3.62	101.7
495	3/2/2010 12:31	11.88	46.12	29.85	9.10	8.00	17.9	3.67	101.7
496	3/2/2010 12:46	11.86	46.18	29.89	9.17	8.24	16.1	3.72	102.4
497	3/2/2010 13:01	11.89	46.33	30.00	9.27	8.03	11.2	3.76	103.6
498	3/2/2010 13:16	11.93	46.42	30.06	9.26	8.16	37.8	3.79	103.6
499	3/2/2010 13:31	11.88	46.02	29.77	9.14	7.94	13.7	3.77	102.0
500	3/2/2010 13:46	11.88	46.32	29.99	9.24	8.25	14.1	3.74	103.3
501	3/2/2010 14:01	11.89	46.34	30.00	9.27	8.25	16.4	3.69	103.6
502	3/2/2010 14:16	12.02	45.52	29.42	9.19	8.00	14.2	3.63	102.6
503	3/2/2010 14:31	12.22	45.18	29.19	9.26	7.99	9.6	3.52	103.7
504	3/2/2010 14:46	12.33	45.11	29.14	9.06	7.99	10.0	3.39	101.7
505	3/2/2010 15:01	12.40	44.23	28.51	9.04	7.98	11.3	3.29	101.2
506	3/2/2010 15:16	12.45	44.60	28.78	8.96	7.98	11.7	3.19	100.6
507	3/2/2010 15:31	12.41	44.35	28.60	8.92	8.19	13.7	3.05	100.0
508	3/2/2010 15:46	12.48	43.94	28.31	8.90	7.95	11.2	2.91	99.7
509	3/2/2010 16:01	12.51	43.62	28.08	8.92	7.95	9.2	2.79	99.9
510	3/2/2010 16:16	12.52	43.60	28.07	8.94	7.95	9.1	2.70	100.0
511	3/2/2010 16:31	12.49	43.76	28.19	8.88	8.17	9.5	2.55	99.4
512	3/2/2010 16:46	12.47	43.37	27.91	8.88	7.94	9.3	2.40	99.2
513	3/2/2010 17:01	12.46	43.65	28.10	8.95	7.95	8.8	2.30	100.0
514	3/2/2010 17:16	12.46	43.67	28.12	8.94	7.95	8.3	2.22	99.9
515	3/2/2010 17:31	12.47	43.42	27.94	8.95	7.94	9.2	2.04	99.9
516	3/2/2010 17:46	12.52	43.01	27.65	8.92	7.93	9.0	1.98	99.6
517	3/2/2010 18:01	12.57	42.71	27.44	8.94	7.93	8.4	1.88	99.8
518	3/2/2010 18:16	12.57	42.57	27.34	8.94	8.14	8.2	1.75	99.7
519	3/2/2010 18:31	12.57	42.50	27.29	8.92	7.85	7.9	1.71	99.5
520	3/2/2010 18:46	12.58	41.76	26.76	8.88	7.91	7.2	1.63	98.8
521	3/2/2010 19:01	12.59	42.28	27.13	8.89	7.91	6.2	1.62	99.1
522	3/2/2010 19:16	12.57	42.29	27.14	8.77	7.91	5.6	1.59	97.6
523	3/2/2010 19:31	12.54	42.35	27.18	8.84	8.12	6.5	1.66	98.4
524	3/2/2010 19:46	12.56	42.18	27.06	8.85	7.91	6.4	1.71	98.5
525	3/2/2010 20:01	12.52	41.82	26.81	8.84	7.90	6.7	1.77	98.1
526	3/2/2010 20:16	12.52	41.21	26.37	8.85	7.89	7.3	1.90	98.0
527	3/2/2010 20:31	12.54	41.42	26.52	8.79	7.89	7.4	1.98	97.5
528	3/2/2010 20:46	12.56	41.50	26.58	8.79	7.89	7.2	2.10	97.5
529	3/2/2010 21:01	12.55	41.96	26.91	8.77	8.11	8.7	2.20	97.5
530	3/2/2010 21:16	12.49	42.48	27.27	8.78	7.91	8.7	2.32	97.7

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	
531	3/2/2010 21:31	12.39	42.59	27.35	8.80	7.92	8.8	2.40	97.8
532	3/2/2010 21:46	12.39	43.25	27.82	8.80	8.14	9.9	2.53	98.0
533	3/2/2010 22:01	12.39	43.55	28.03	8.81	7.93	12.5	2.65	98.3
534	3/2/2010 22:16	12.37	43.77	28.18	8.82	8.15	13.2	2.74	98.5
535	3/2/2010 22:31	12.34	43.93	28.30	8.84	8.16	14.2	2.86	98.7
536	3/2/2010 22:46	12.25	44.05	28.38	8.92	7.96	18.0	2.99	99.4
537	3/2/2010 23:01	12.19	44.52	28.71	8.96	7.97	19.5	3.11	100.0
538	3/2/2010 23:16	12.10	45.03	29.07	9.10	7.99	21.0	3.23	101.5
539	3/2/2010 23:31	12.04	45.16	29.17	9.20	8.00	26.4	3.37	102.6
540	3/2/2010 23:46	11.98	45.97	29.75	9.24	8.02	22.3	3.49	103.3
541	3/3/2010 0:01	11.94	46.24	29.94	9.27	8.02	21.9	3.62	103.7
542	3/3/2010 0:16	11.85	46.56	30.16	9.39	8.25	21.1	3.74	104.9
543	3/3/2010 0:31	11.80	46.77	30.31	9.43	8.04	20.6	3.84	105.4
544	3/3/2010 0:46	11.78	46.38	30.03	9.48	8.02	17.2	3.94	105.7
545	3/3/2010 1:01	11.76	47.04	30.50	9.45	7.82	15.4	4.00	105.7
546	3/3/2010 1:16	11.75	47.06	30.52	9.44	8.27	12.8	4.05	105.6
547	3/3/2010 1:31	11.75	46.35	30.00	9.39	8.27	8.9	4.06	104.7
548	3/3/2010 1:46	11.77	46.90	30.40	9.38	7.81	13.2	4.07	104.8
549	3/3/2010 2:01	11.78	46.71	30.26	9.42	8.04	14.2	4.05	105.2
550	3/3/2010 2:16	11.76	46.81	30.34	9.39	8.26	14.0	3.96	104.9
551	3/3/2010 2:31	11.76	46.33	29.99	9.32	8.25	10.3	3.85	103.9
552	3/3/2010 2:46	11.81	45.73	29.56	9.20	8.23	9.4	3.77	102.4
553	3/3/2010 3:01	11.82	44.97	29.02	9.08	7.76	11.2	3.63	100.7
554	3/3/2010 3:16	11.85	44.58	28.75	9.01	8.20	12.3	3.51	99.8
555	3/3/2010 3:31	11.82	44.18	28.46	9.01	7.97	10.9	3.39	99.6
556	3/3/2010 3:46	11.83	43.94	28.28	8.96	7.96	9.3	3.26	98.9
557	3/3/2010 4:01	11.84	43.43	27.92	8.90	8.16	7.9	3.13	98.1
558	3/3/2010 4:16	11.83	43.16	27.73	8.89	8.16	9.0	3.00	97.8
559	3/3/2010 4:31	11.85	43.07	27.67	8.89	8.16	9.6	2.88	97.9
560	3/3/2010 4:46	11.79	43.39	27.89	8.88	8.16	9.0	2.76	97.8
561	3/3/2010 5:01	11.87	42.91	27.56	8.84	7.93	9.8	2.64	97.3
562	3/3/2010 5:16	11.82	42.81	27.48	8.82	7.92	10.6	2.48	96.9
563	3/3/2010 5:31	11.79	42.75	27.44	8.80	8.14	11.1	2.38	96.6
564	3/3/2010 5:46	11.74	42.88	27.53	8.79	8.14	12.8	2.23	96.4
565	3/3/2010 6:01	11.71	42.79	27.46	8.78	7.92	14.5	2.10	96.2
566	3/3/2010 6:16	11.67	42.82	27.48	8.75	8.13	15.7	1.98	95.8
567	3/3/2010 6:31	11.68	42.55	27.30	8.73	8.12	15.0	1.87	95.5
568	3/3/2010 6:46	11.58	42.34	27.14	8.71	8.12	13.6	1.73	95.0
569	3/3/2010 7:01	11.53	42.21	27.04	8.70	7.89	13.1	1.66	94.8
570	3/3/2010 7:16	11.55	42.08	26.95	8.67	7.88	11.9	1.59	94.4
571	3/3/2010 7:31	11.54	42.01	26.91	8.69	8.10	10.7	1.49	94.5
572	3/3/2010 7:46	11.61	41.89	26.82	8.70	7.66	9.3	1.51	94.7
573	3/3/2010 8:01	11.60	41.92	26.84	8.69	7.88	8.1	1.52	94.6
574	3/3/2010 8:16	11.63	41.67	26.66	8.70	7.88	7.4	1.52	94.7
575	3/3/2010 8:31	11.68	41.95	26.87	8.69	7.88	7.4	1.62	94.8
576	3/3/2010 8:46	11.68	41.27	26.39	8.72	7.88	7.4	1.69	94.8
577	3/3/2010 9:01	11.60	40.01	25.49	8.77	7.89	8.5	1.79	94.7
578	3/3/2010 9:16	11.63	40.21	25.64	8.73	7.89	9.0	1.89	94.4
579	3/3/2010 9:31	11.64	39.71	25.29	8.75	7.81	8.9	2.01	94.4
580	3/3/2010 9:46	11.72	40.92	26.14	8.70	7.67	10.9	2.13	94.6
581	3/3/2010 10:01	11.75	41.19	26.33	8.72	7.90	10.3	2.22	95.0
582	3/3/2010 10:16	11.81	42.41	27.20	8.73	8.03	9.8	2.33	95.7
583	3/3/2010 10:31	11.85	42.70	27.41	8.76	8.13	10.1	2.43	96.3

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	
584	3/3/2010 10:46	11.87	42.37	27.17	8.80	7.92	9.5	2.53	96.6
585	3/3/2010 11:01	11.88	42.83	27.50	8.79	8.04	10.6	2.62	96.7
586	3/3/2010 11:16	11.92	43.11	27.70	8.82	8.15	10.4	2.72	97.2
587	3/3/2010 11:31	11.92	43.17	27.74	8.85	8.06	13.2	2.82	97.6
588	3/3/2010 11:46	11.90	43.42	27.92	8.89	7.73	16.4	2.91	98.1
589	3/3/2010 12:01	11.88	43.79	28.18	8.95	7.98	16.0	3.02	98.9
590	3/3/2010 12:16	11.85	44.05	28.36	8.98	7.74	15.7	3.11	99.3
591	3/3/2010 12:31	11.77	44.87	28.95	9.09	7.92	20.2	3.20	100.6
592	3/3/2010 12:46	11.83	45.40	29.33	9.15	8.22	21.3	3.31	101.7
593	3/3/2010 13:01	11.85	45.66	29.52	9.17	7.93	18.8	3.38	102.1
594	3/3/2010 13:16	11.87	45.84	29.65	9.19	8.23	17.8	3.44	102.5
595	3/3/2010 13:31	11.87	45.27	29.24	9.23	8.23	13.6	3.52	102.7
596	3/3/2010 13:46	11.89	45.62	29.49	9.24	8.02	11.8	3.57	102.9
597	3/3/2010 14:01	11.91	46.04	29.79	9.16	8.01	7.6	3.57	102.3
598	3/3/2010 14:16	11.90	46.04	29.79	9.17	7.94	9.4	3.58	102.4
599	3/3/2010 14:31	11.92	45.96	29.74	9.21	8.01	10.4	3.57	102.9
600	3/3/2010 14:46	11.93	45.91	29.70	9.21	8.01	11.3	3.51	102.9
601	3/3/2010 15:01	12.24	44.64	28.80	9.26	7.98	10.2	3.43	103.5
602	3/3/2010 15:16	12.29	44.12	28.43	9.19	7.97	11.4	3.36	102.5
603	3/3/2010 15:31	12.33	44.56	28.74	9.14	7.76	11.1	3.27	102.3
604	3/3/2010 15:46	12.44	43.93	28.30	9.15	7.76	11.8	3.17	102.4
605	3/3/2010 16:01	12.37	43.74	28.16	9.20	7.98	10.8	3.07	102.7
606	3/3/2010 16:16	12.34	43.75	28.17	9.20	7.98	10.3	2.96	102.7
607	3/3/2010 16:31	12.36	43.21	27.79	9.19	7.97	11.2	2.86	102.3
608	3/3/2010 16:46	12.30	43.60	28.06	9.12	8.09	11.6	2.77	101.6
609	3/3/2010 17:01	12.27	43.32	27.86	9.13	7.96	12.5	2.66	101.5
610	3/3/2010 17:16	12.37	42.24	27.10	9.12	7.95	13.7	2.58	101.2
611	3/3/2010 17:31	12.30	42.43	27.23	9.19	7.95	11.6	2.45	101.8
612	3/3/2010 17:46	12.13	42.87	27.54	9.32	7.97	12.0	2.36	103.1
613	3/3/2010 18:01	12.15	42.55	27.31	9.23	7.97	12.6	2.29	102.0
614	3/3/2010 18:16	12.22	41.91	26.86	9.16	7.94	15.9	2.18	101.1
615	3/3/2010 18:31	12.24	41.54	26.60	9.16	7.93	16.7	2.11	101.0
616	3/3/2010 18:46	12.23	41.91	26.86	9.19	7.94	17.2	2.02	101.5
617	3/3/2010 19:01	12.19	41.57	26.62	9.21	7.93	16.5	1.95	101.5
618	3/3/2010 19:16	12.19	41.88	26.83	9.22	7.94	16.5	1.89	101.6
619	3/3/2010 19:31	12.25	41.71	26.72	9.22	7.73	16.5	1.88	101.8
620	3/3/2010 19:46	12.29	41.03	26.24	9.24	8.15	14.6	1.86	101.8
621	3/3/2010 20:01	12.29	41.17	26.33	9.22	7.97	14.2	1.84	101.5
622	3/3/2010 20:16	12.23	41.72	26.72	9.20	7.94	13.1	1.94	101.5
623	3/3/2010 20:31	12.29	41.60	26.64	9.15	7.87	11.8	1.97	101.0
624	3/3/2010 20:46	12.27	40.73	26.02	9.16	8.14	11.2	2.04	100.7
625	3/3/2010 21:01	12.30	39.93	25.47	9.17	7.91	11.4	2.14	100.5
626	3/3/2010 21:16	12.26	40.08	25.57	9.13	7.91	11.3	2.23	100.0
627	3/3/2010 21:31	12.28	40.55	25.90	9.07	7.91	12.8	2.33	99.6
628	3/3/2010 21:46	12.25	41.79	26.77	8.99	7.93	14.8	2.42	99.3
629	3/3/2010 22:01	12.21	42.24	27.09	8.97	7.87	14.3	2.54	99.2
630	3/3/2010 22:16	12.21	42.42	27.22	8.99	8.15	13.6	2.63	99.4
631	3/3/2010 22:31	12.22	42.57	27.32	9.00	8.15	12.9	2.73	99.7
632	3/3/2010 22:46	12.14	42.57	27.33	9.02	8.15	10.7	2.82	99.6
633	3/3/2010 23:01	12.11	42.83	27.51	9.05	8.07	13.9	2.93	100.1
634	3/3/2010 23:16	12.09	43.34	27.87	9.10	8.08	16.5	3.05	100.7
635	3/3/2010 23:31	12.07	43.32	27.86	9.15	7.97	16.3	3.16	101.3
636	3/3/2010 23:46	12.00	43.64	28.08	9.18	7.97	16.9	3.27	101.6

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		
637	3/4/2010 0:01	11.96	45.02	29.06	9.17	7.93	17.5	3.38	102.1
638	3/4/2010 0:16	11.93	45.61	29.48	9.22	8.00	25.3	3.50	102.8
639	3/4/2010 0:31	11.86	45.92	29.71	9.27	8.01	21.4	3.60	103.4
640	3/4/2010 0:46	11.83	46.39	30.04	9.33	8.02	20.6	3.70	104.1
641	3/4/2010 1:01	11.81	46.55	30.16	9.32	8.15	19.5	3.80	104.2
642	3/4/2010 1:16	11.77	46.75	30.29	9.35	8.25	15.8	3.88	104.4
643	3/4/2010 1:31	11.73	46.26	29.94	9.38	8.25	14.5	3.94	104.5
644	3/4/2010 1:46	11.71	47.04	30.50	9.36	8.26	14.6	3.99	104.5
645	3/4/2010 2:01	11.68	46.84	30.35	9.38	8.02	10.9	4.03	104.6
646	3/4/2010 2:16	11.73	46.28	29.95	9.34	8.03	10.7	4.03	104.0
647	3/4/2010 2:31	11.69	47.06	30.52	9.32	8.03	12.7	4.00	104.0
648	3/4/2010 2:46	11.70	46.88	30.38	9.33	8.02	14.4	3.96	104.1
649	3/4/2010 3:01	11.64	45.82	29.62	9.27	8.01	6.7	3.88	102.8
650	3/4/2010 3:16	11.54	44.51	28.68	9.19	7.77	10.9	3.78	101.2
651	3/4/2010 3:31	11.63	44.99	29.03	9.17	8.22	10.3	3.67	101.3
652	3/4/2010 3:46	11.53	44.00	28.31	9.22	8.21	11.0	3.58	101.2
653	3/4/2010 4:01	11.63	44.40	28.61	9.17	7.99	11.5	3.45	101.0
654	3/4/2010 4:16	11.70	44.11	28.40	9.10	8.20	10.4	3.32	100.3
655	3/4/2010 4:31	11.71	43.59	28.03	9.07	8.19	16.0	3.19	99.8
656	3/4/2010 4:46	11.70	43.04	27.64	9.05	7.96	12.9	3.09	99.2
657	3/4/2010 5:01	11.57	42.34	27.14	9.03	8.16	12.4	2.96	98.4
658	3/4/2010 5:16	11.58	42.35	27.15	9.01	8.16	11.3	2.83	98.3
659	3/4/2010 5:31	11.55	42.10	26.97	8.99	7.94	10.9	2.72	97.9
660	3/4/2010 5:46	11.46	42.20	27.04	8.97	7.94	9.0	2.59	97.6
661	3/4/2010 6:01	11.42	42.22	27.05	8.98	7.94	10.1	2.46	97.5
662	3/4/2010 6:16	11.41	42.19	27.03	8.93	7.93	10.4	2.32	97.0
663	3/4/2010 6:31	11.44	41.91	26.83	8.89	7.92	10.9	2.20	96.4
664	3/4/2010 6:46	11.32	41.81	26.75	8.86	7.92	10.1	2.06	95.9
665	3/4/2010 7:01	11.43	41.62	26.62	8.84	7.91	13.1	1.93	95.8
666	3/4/2010 7:16	11.31	41.57	26.58	8.83	7.69	11.6	1.83	95.4
667	3/4/2010 7:31	11.24	41.44	26.49	8.81	7.84	11.2	1.70	94.9
668	3/4/2010 7:46	11.28	41.17	26.30	8.80	8.11	10.2	1.62	94.8
669	3/4/2010 8:01	11.23	41.12	26.27	8.81	7.67	11.2	1.55	94.8
670	3/4/2010 8:16	11.25	41.03	26.20	8.78	8.11	9.9	1.49	94.6
671	3/4/2010 8:31	11.26	40.96	26.15	8.80	8.11	9.5	1.48	94.7
672	3/4/2010 8:46	11.28	40.85	26.08	8.77	8.11	7.8	1.46	94.4
673	3/4/2010 9:01	11.34	41.04	26.21	8.78	8.01	7.4	1.53	94.8
674	3/4/2010 9:16	11.39	40.90	26.11	8.78	7.89	7.0	1.57	94.8
675	3/4/2010 9:31	11.42	40.43	25.78	8.85	7.89	7.1	1.66	95.3
676	3/4/2010 9:46	11.33	39.60	25.20	8.87	7.88	8.2	1.73	95.1
677	3/4/2010 10:01	11.33	39.77	25.32	8.86	7.88	8.4	1.84	95.0
678	3/4/2010 10:16	11.36	39.68	25.26	8.85	8.09	9.0	1.94	95.0
679	3/4/2010 10:31	11.39	39.95	25.45	8.84	7.88	8.2	2.04	95.0
680	3/4/2010 10:46	11.46	40.80	26.05	8.79	8.11	9.2	2.13	94.9
681	3/4/2010 11:01	11.48	40.68	25.96	8.83	7.90	8.0	2.23	95.4
682	3/4/2010 11:16	11.56	41.55	26.58	8.84	7.91	7.0	2.32	96.0
683	3/4/2010 11:31	11.61	41.78	26.75	8.85	8.13	7.5	2.41	96.3
684	3/4/2010 11:46	11.65	42.18	27.03	8.87	8.14	7.3	2.51	96.8
685	3/4/2010 12:01	11.67	42.27	27.09	8.88	8.14	8.0	2.60	97.1
686	3/4/2010 12:16	11.72	42.34	27.14	8.89	8.14	7.9	2.68	97.2
687	3/4/2010 12:31	11.75	42.68	27.39	8.93	8.15	9.2	2.77	97.9
688	3/4/2010 12:46	11.75	42.85	27.51	8.93	8.15	11.6	2.84	98.0
689	3/4/2010 13:01	11.79	43.03	27.64	8.99	8.16	14.4	2.94	98.8

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			
690	3/4/2010 13:16	11.81	42.68	27.39	9.05	7.95	13.9	3.01	99.3
691	3/4/2010 13:31	11.85	43.48	27.96	9.04	7.96	13.2	3.09	99.7
692	3/4/2010 13:46	11.83	44.30	28.54	9.08	8.09	15.9	3.17	100.4
693	3/4/2010 14:01	11.85	44.78	28.88	9.12	8.20	15.6	3.23	101.2
694	3/4/2010 14:16	11.88	45.17	29.16	9.12	8.21	12.3	3.29	101.4
695	3/4/2010 14:31	11.90	45.38	29.32	9.13	8.21	9.6	3.35	101.6
696	3/4/2010 14:46	11.91	45.49	29.40	9.11	8.22	7.3	3.37	101.5
	Mean	11.96	44.40	28.63	8.83	8.01	13.1	2.73	98.0
	Minimum	11.23	39.60	25.20	8.34	7.65	2.8	1.16	91.5
	Maximum	12.74	48.66	31.68	9.48	8.30	62.6	4.10	105.7

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	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
0	3/4/2010 15:16	11.82	45.39	29.32	8.87	7.94	6.0	3.17	98.6
1	3/4/2010 15:31	11.81	45.52	29.41	8.87	8.11	6.9	3.14	98.6
2	3/4/2010 15:46	12.00	44.95	29.01	8.92	8.14	9.3	3.08	99.3
3	3/4/2010 16:01	12.01	44.57	28.74	8.87	7.95	8.2	3.02	98.7
4	3/4/2010 16:16	12.18	43.63	28.08	8.97	7.95	6.3	2.95	99.6
5	3/4/2010 16:31	12.17	43.38	27.90	8.92	7.95	6.0	2.87	98.9
6	3/4/2010 16:46	12.14	43.16	27.74	8.94	7.96	5.6	2.77	99.1
7	3/4/2010 17:01	12.15	42.85	27.52	9.02	7.95	5.6	2.67	99.9
8	3/4/2010 17:16	12.15	42.56	27.32	8.99	8.12	5.7	2.61	99.4
9	3/4/2010 17:31	12.12	42.37	27.18	9.00	8.12	5.0	2.51	99.3
10	3/4/2010 17:46	12.11	42.22	27.07	8.86	7.95	5.4	2.42	97.7
11	3/4/2010 18:01	12.05	42.21	27.06	8.97	8.13	4.5	2.35	98.8
12	3/4/2010 18:16	12.11	41.61	26.64	8.96	7.93	4.9	2.28	98.6
13	3/4/2010 18:31	12.07	41.64	26.66	8.97	8.11	4.5	2.20	98.5
14	3/4/2010 18:46	12.07	41.10	26.28	9.03	8.09	4.6	2.13	99.0
15	3/4/2010 19:01	12.07	40.96	26.18	8.97	8.10	5.3	2.06	98.3
16	3/4/2010 19:16	12.10	40.78	26.05	9.03	8.11	5.0	2.00	98.9
17	3/4/2010 19:31	12.13	40.68	25.99	9.03	8.10	4.8	1.96	98.9
18	3/4/2010 19:46	12.13	40.63	25.95	9.05	8.11	4.4	1.90	99.2
19	3/4/2010 20:01	12.13	40.65	25.96	9.04	8.11	4.4	1.87	99.0
20	3/4/2010 20:16	12.13	40.64	25.96	9.04	8.09	3.7	1.89	99.0
21	3/4/2010 20:31	12.07	40.86	26.11	8.94	8.08	4.9	1.86	97.9
22	3/4/2010 20:46	12.07	40.62	25.94	9.08	7.93	3.9	1.88	99.3
23	3/4/2010 21:01	12.06	40.73	26.02	9.03	8.08	4.2	1.94	98.8
24	3/4/2010 21:16	12.08	40.80	26.07	8.99	8.07	4.5	2.00	98.4
25	3/4/2010 21:31	12.08	40.43	25.81	9.02	8.06	4.9	2.06	98.6
26	3/4/2010 21:46	12.09	40.64	25.95	8.95	8.05	5.2	2.12	97.9
27	3/4/2010 22:01	12.12	41.25	26.39	8.90	7.92	5.7	2.21	97.7
28	3/4/2010 22:16	12.15	41.72	26.72	8.89	7.93	5.7	2.28	97.9
29	3/4/2010 22:31	12.13	41.66	26.68	8.86	7.93	5.1	2.37	97.5
30	3/4/2010 22:46	12.06	42.35	27.16	8.88	8.07	5.6	2.44	97.8
31	3/4/2010 23:01	12.01	42.36	27.17	8.85	7.93	6.0	2.53	97.4
32	3/4/2010 23:16	11.99	42.82	27.49	8.87	8.09	7.2	2.62	97.8
33	3/4/2010 23:31	12.01	43.48	27.96	8.87	8.11	7.8	2.70	98.1
34	3/4/2010 23:46	11.99	43.91	28.27	8.86	7.96	9.6	2.81	98.2
35	3/5/2010 0:01	11.95	44.08	28.39	8.90	7.96	10.7	2.90	98.6
36	3/5/2010 0:16	11.92	44.31	28.55	8.88	7.97	9.8	2.99	98.5
37	3/5/2010 0:31	11.89	44.52	28.70	8.92	7.97	10.4	3.10	98.8
38	3/5/2010 0:46	11.82	44.71	28.84	8.93	8.15	10.6	3.19	99.0
39	3/5/2010 1:01	11.75	45.18	29.17	8.99	8.16	12.0	3.29	99.7
40	3/5/2010 1:16	11.71	45.65	29.51	8.97	8.00	13.2	3.39	99.5
41	3/5/2010 1:31	11.69	45.81	29.62	9.00	8.00	13.1	3.47	99.9
42	3/5/2010 1:46	11.68	46.06	29.80	9.00	8.19	12.9	3.54	100.0
43	3/5/2010 2:01	11.67	46.26	29.94	9.00	8.02	9.8	3.60	100.1
44	3/5/2010 2:16	11.67	46.20	29.89	9.04	8.11	8.9	3.65	100.6
45	3/5/2010 2:31	11.67	46.40	30.04	8.98	8.20	7.0	3.66	99.9
46	3/5/2010 2:46	11.67	46.33	29.99	8.97	8.20	4.9	3.69	99.8
47	3/5/2010 3:01	11.67	46.30	29.97	8.94	8.19	6.5	3.69	99.5
48	3/5/2010 3:16	11.66	46.39	30.03	8.97	8.19	7.3	3.64	99.8
49	3/5/2010 3:31	11.62	45.76	29.57	8.94	8.10	8.6	3.63	99.0
50	3/5/2010 3:46	11.59	45.01	29.04	8.90	7.98	6.8	3.54	98.2
51	3/5/2010 4:01	11.59	44.51	28.68	8.87	7.97	6.2	3.45	97.7
52	3/5/2010 4:16	11.56	43.58	28.02	8.87	8.04	5.7	3.35	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	DO%
			mS/cm		mg/L		NTU	meters	
53	3/5/2010 4:31	11.60	42.94	27.57	8.82	7.94	6.8	3.27	96.5
54	3/5/2010 4:46	11.65	42.86	27.51	8.81	8.12	6.5	3.13	96.5
55	3/5/2010 5:01	11.67	43.25	27.79	8.87	8.13	8.7	3.06	97.3
56	3/5/2010 5:16	11.64	42.51	27.26	8.79	8.04	5.9	2.93	96.1
57	3/5/2010 5:31	11.64	42.61	27.33	8.81	7.94	6.5	2.84	96.4
58	3/5/2010 5:46	11.64	42.41	27.19	8.78	8.09	6.4	2.74	96.0
59	3/5/2010 6:01	11.64	42.53	27.27	8.82	7.94	6.2	2.58	96.4
60	3/5/2010 6:16	11.64	42.49	27.25	8.83	7.93	5.7	2.48	96.5
61	3/5/2010 6:31	11.63	42.43	27.21	8.73	7.93	5.4	2.38	95.3
62	3/5/2010 6:46	11.57	42.61	27.33	8.75	8.03	5.0	2.25	95.5
63	3/5/2010 7:01	11.66	42.35	27.15	8.72	8.07	7.3	2.14	95.3
64	3/5/2010 7:16	11.61	42.30	27.11	8.70	8.00	7.8	2.02	94.9
65	3/5/2010 7:31	11.57	42.04	26.92	8.66	8.08	7.2	1.91	94.3
66	3/5/2010 7:46	11.62	41.95	26.87	8.61	7.91	7.4	1.81	93.9
67	3/5/2010 8:01	11.64	41.74	26.72	8.65	8.05	6.8	1.68	94.2
68	3/5/2010 8:16	11.66	41.52	26.57	8.62	8.06	5.8	1.58	93.9
69	3/5/2010 8:31	11.66	41.40	26.48	8.64	8.06	5.1	1.48	94.1
70	3/5/2010 8:46	11.71	41.25	26.37	8.68	8.06	4.5	1.44	94.5
71	3/5/2010 9:01	11.71	41.20	26.34	8.65	7.99	5.2	1.38	94.2
72	3/5/2010 9:16	11.74	40.99	26.19	8.67	8.07	4.7	1.33	94.3
73	3/5/2010 9:31	11.75	40.91	26.14	8.50	8.00	3.1	1.31	92.5
74	3/5/2010 9:46	11.75	41.18	26.32	8.64	7.99	3.8	1.33	94.1
75	3/5/2010 10:01	11.75	41.21	26.34	8.68	8.00	3.8	1.40	94.5
76	3/5/2010 10:16	11.77	41.28	26.39	8.68	8.04	3.7	1.43	94.6
77	3/5/2010 10:31	11.75	40.93	26.15	8.72	7.91	4.4	1.52	94.9
78	3/5/2010 10:46	11.71	40.36	25.74	8.72	7.90	5.2	1.58	94.5
79	3/5/2010 11:01	11.68	40.26	25.67	8.69	8.01	5.2	1.67	94.1
80	3/5/2010 11:16	11.65	39.20	24.93	8.73	7.98	5.6	1.74	94.0
81	3/5/2010 11:31	11.69	40.74	26.01	8.62	8.02	4.7	1.85	93.6
82	3/5/2010 11:46	11.66	39.22	24.94	8.74	8.00	5.4	1.91	94.2
83	3/5/2010 12:01	11.66	39.90	25.42	8.75	8.01	5.0	2.00	94.6
84	3/5/2010 12:16	11.70	41.94	26.86	8.66	8.01	4.6	2.10	94.5
85	3/5/2010 12:31	11.72	42.06	26.95	8.70	8.05	4.9	2.17	95.1
86	3/5/2010 12:46	11.75	42.14	27.00	8.75	8.05	4.8	2.26	95.7
87	3/5/2010 13:01	11.77	42.13	27.00	8.79	8.06	4.6	2.33	96.2
88	3/5/2010 13:16	11.77	42.55	27.30	8.79	7.94	4.9	2.39	96.4
89	3/5/2010 13:31	11.74	42.48	27.24	8.79	8.03	5.1	2.51	96.2
90	3/5/2010 13:46	11.73	42.65	27.37	8.79	8.07	5.8	2.55	96.3
91	3/5/2010 14:01	11.74	42.94	27.57	8.79	8.08	7.1	2.60	96.4
92	3/5/2010 14:16	11.72	42.99	27.61	8.83	8.07	7.9	2.69	96.8
93	3/5/2010 14:31	11.73	43.17	27.73	8.86	8.09	7.1	2.74	97.3
94	3/5/2010 14:46	11.75	43.51	27.98	8.86	8.04	7.5	2.85	97.5
95	3/5/2010 15:01	11.75	43.65	28.08	8.83	7.96	6.8	2.87	97.3
96	3/5/2010 15:16	11.73	44.06	28.37	8.83	8.06	7.0	2.93	97.4
97	3/5/2010 15:31	11.73	44.37	28.59	8.83	8.13	6.4	2.98	97.6
98	3/5/2010 15:46	11.74	44.56	28.73	8.81	8.15	4.0	2.99	97.4
99	3/5/2010 16:01	11.75	44.29	28.53	8.78	8.14	3.8	3.01	97.0
100	3/5/2010 16:16	11.75	44.63	28.77	8.79	8.15	4.3	3.01	97.2
101	3/5/2010 16:31	11.75	44.67	28.81	8.80	7.97	5.2	2.99	97.3
102	3/5/2010 16:46	11.80	44.08	28.39	8.75	7.96	4.2	2.92	96.6
103	3/5/2010 17:01	11.85	43.46	27.95	8.84	8.13	4.4	2.90	97.5
104	3/5/2010 17:16	11.90	43.19	27.75	8.86	7.96	4.9	2.85	97.6
105	3/5/2010 17:31	11.91	42.98	27.60	8.79	7.95	4.3	2.77	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	DO%
			mS/cm		mg/L		NTU	meters	
106	3/5/2010 17:46	11.91	42.78	27.47	8.86	8.11	4.3	2.72	97.5
107	3/5/2010 18:01	11.89	42.80	27.48	8.88	8.05	4.2	2.66	97.7
108	3/5/2010 18:16	11.89	42.67	27.39	8.84	8.11	3.7	2.57	97.2
109	3/5/2010 18:31	11.89	42.58	27.32	8.88	8.10	3.7	2.51	97.6
110	3/5/2010 18:46	11.87	42.35	27.16	8.89	8.05	4.6	2.46	97.5
111	3/5/2010 19:01	11.87	42.10	26.98	8.88	8.04	4.2	2.40	97.4
112	3/5/2010 19:16	11.88	42.06	26.95	8.88	8.09	3.6	2.34	97.3
113	3/5/2010 19:31	11.86	41.87	26.82	8.85	8.09	3.5	2.30	96.9
114	3/5/2010 19:46	11.82	42.00	26.91	8.80	7.94	3.7	2.26	96.3
115	3/5/2010 20:01	11.84	41.59	26.62	8.84	7.93	3.6	2.20	96.6
116	3/5/2010 20:16	11.83	41.52	26.57	8.81	8.08	3.6	2.17	96.3
117	3/5/2010 20:31	11.82	41.45	26.52	8.80	8.08	3.2	2.16	96.1
118	3/5/2010 20:46	11.82	41.42	26.50	8.73	8.01	2.4	2.16	95.3
119	3/5/2010 21:01	11.83	41.77	26.75	8.67	7.93	2.6	2.13	94.9
120	3/5/2010 21:16	11.80	41.12	26.28	8.76	8.02	2.5	2.14	95.5
121	3/5/2010 21:31	11.77	41.20	26.34	8.82	7.93	2.6	2.14	96.1
122	3/5/2010 21:46	11.79	41.53	26.57	8.82	8.07	3.4	2.19	96.3
123	3/5/2010 22:01	11.85	41.82	26.78	8.80	8.03	3.5	2.21	96.3
124	3/5/2010 22:16	11.78	41.26	26.38	8.92	8.04	4.2	2.27	97.2
125	3/5/2010 22:31	11.86	41.61	26.63	8.86	8.05	3.7	2.32	96.9
126	3/5/2010 22:46	11.88	42.08	26.97	8.81	8.05	3.4	2.37	96.6
127	3/5/2010 23:01	11.89	42.37	27.17	8.82	8.03	3.8	2.45	96.9
128	3/5/2010 23:16	11.86	42.40	27.20	8.86	7.95	3.8	2.52	97.2
129	3/5/2010 23:31	11.80	42.24	27.08	8.87	8.07	3.6	2.57	97.2
130	3/5/2010 23:46	11.77	42.82	27.48	8.86	7.96	3.7	2.65	97.3
131	3/6/2010 0:01	11.69	43.25	27.79	8.90	8.06	3.4	2.72	97.7
132	3/6/2010 0:16	11.65	43.62	28.05	8.88	8.10	3.4	2.80	97.5
133	3/6/2010 0:31	11.61	43.56	28.01	8.91	8.05	4.1	2.89	97.8
134	3/6/2010 0:46	11.64	44.26	28.50	8.90	8.08	4.3	2.96	98.1
135	3/6/2010 1:01	11.71	44.68	28.81	8.91	8.11	6.0	3.05	98.5
136	3/6/2010 1:16	11.69	45.00	29.04	8.93	7.99	6.0	3.13	98.8
137	3/6/2010 1:31	11.66	45.16	29.15	8.94	7.99	8.5	3.20	98.9
138	3/6/2010 1:46	11.64	45.29	29.24	8.95	7.99	7.5	3.30	99.1
139	3/6/2010 2:01	11.61	45.32	29.26	8.98	8.13	7.4	3.35	99.3
140	3/6/2010 2:16	11.57	45.73	29.55	9.00	8.10	7.6	3.41	99.6
141	3/6/2010 2:31	11.56	45.73	29.55	9.00	8.14	7.4	3.47	99.6
142	3/6/2010 2:46	11.54	45.97	29.73	9.04	8.15	6.6	3.53	100.1
143	3/6/2010 3:01	11.53	45.97	29.72	9.01	8.17	6.0	3.56	99.8
144	3/6/2010 3:16	11.52	46.02	29.76	9.01	8.11	4.9	3.58	99.8
145	3/6/2010 3:31	11.51	46.31	29.97	8.96	8.01	3.8	3.58	99.4
146	3/6/2010 3:46	11.51	46.09	29.81	9.01	8.01	5.5	3.58	99.8
147	3/6/2010 4:01	11.51	46.00	29.75	8.94	8.16	4.9	3.56	99.0
148	3/6/2010 4:16	11.32	44.56	28.71	8.83	8.07	4.8	3.51	96.7
149	3/6/2010 4:31	11.27	44.29	28.51	8.81	8.07	7.3	3.46	96.3
150	3/6/2010 4:46	11.38	44.46	28.64	8.84	7.98	4.6	3.40	96.9
151	3/6/2010 5:01	11.38	44.27	28.51	8.86	8.12	5.4	3.32	97.1
152	3/6/2010 5:16	11.37	44.08	28.37	8.84	7.97	6.1	3.22	96.7
153	3/6/2010 5:31	11.36	43.02	27.61	8.76	8.08	4.2	3.14	95.4
154	3/6/2010 5:46	11.41	43.63	28.05	8.80	8.09	5.2	3.05	96.2
155	3/6/2010 6:01	11.40	43.15	27.70	8.75	7.96	6.3	2.94	95.4
156	3/6/2010 6:16	11.35	42.73	27.41	8.77	7.95	5.4	2.83	95.3
157	3/6/2010 6:31	11.42	42.79	27.45	8.76	7.95	5.2	2.73	95.4
158	3/6/2010 6:46	11.35	42.41	27.18	8.84	7.96	5.6	2.64	95.9

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	
159	3/6/2010 7:01	11.45	42.49	27.24	8.77	8.08	4.2	2.55	95.4
160	3/6/2010 7:16	11.31	42.39	27.17	8.78	7.95	4.3	2.44	95.2
161	3/6/2010 7:31	11.20	42.19	27.02	8.78	7.97	4.2	2.33	94.9
162	3/6/2010 7:46	11.23	42.16	27.00	8.78	8.00	3.7	2.24	94.9
163	3/6/2010 8:01	11.28	41.99	26.88	8.77	8.05	3.5	2.13	94.9
164	3/6/2010 8:16	11.31	42.09	26.95	8.73	7.94	4.0	2.04	94.5
165	3/6/2010 8:31	11.33	41.92	26.83	8.79	7.94	4.5	1.92	95.1
166	3/6/2010 8:46	11.36	41.89	26.81	8.78	7.94	4.0	1.83	95.1
167	3/6/2010 9:01	11.36	41.78	26.73	8.83	7.94	3.8	1.73	95.6
168	3/6/2010 9:16	11.40	41.68	26.67	8.86	8.02	3.3	1.64	95.9
169	3/6/2010 9:31	11.42	41.58	26.60	8.95	7.95	3.4	1.56	96.9
170	3/6/2010 9:46	11.47	41.53	26.56	8.95	7.95	3.1	1.51	97.0
171	3/6/2010 10:01	11.48	41.30	26.40	8.92	8.08	2.7	1.48	96.7
172	3/6/2010 10:16	11.53	41.19	26.32	8.69	7.93	1.4	1.43	94.2
173	3/6/2010 10:31	11.52	41.47	26.52	8.91	7.95	2.6	1.42	96.6
174	3/6/2010 10:46	11.43	41.62	26.63	8.75	7.94	2.5	1.47	94.8
175	3/6/2010 11:01	11.49	41.55	26.57	8.80	8.02	3.3	1.49	95.4
176	3/6/2010 11:16	11.63	41.56	26.59	8.80	8.02	3.0	1.53	95.7
177	3/6/2010 11:31	11.67	40.94	26.15	8.82	8.02	3.1	1.59	95.7
178	3/6/2010 11:46	11.59	40.76	26.03	8.81	8.03	3.7	1.68	95.4
179	3/6/2010 12:01	11.48	40.63	25.93	8.79	7.97	4.5	1.75	94.9
180	3/6/2010 12:16	11.49	40.83	26.07	8.75	8.00	3.5	1.80	94.6
181	3/6/2010 12:31	11.50	40.95	26.15	8.71	7.97	3.4	1.88	94.3
182	3/6/2010 12:46	11.49	40.88	26.10	8.69	8.02	3.2	1.94	94.0
183	3/6/2010 13:01	11.47	41.24	26.36	8.70	8.01	3.4	2.00	94.2
184	3/6/2010 13:16	11.55	41.54	26.57	8.70	7.94	3.3	2.08	94.4
185	3/6/2010 13:31	11.53	42.07	26.94	8.66	7.94	3.3	2.13	94.2
186	3/6/2010 13:46	11.65	42.28	27.10	8.69	8.04	3.2	2.19	94.9
187	3/6/2010 14:01	11.57	42.59	27.31	8.70	7.95	3.3	2.26	95.0
188	3/6/2010 14:16	11.64	42.52	27.27	8.75	7.96	3.2	2.33	95.6
189	3/6/2010 14:31	11.62	42.68	27.38	8.76	8.05	3.4	2.38	95.8
190	3/6/2010 14:46	11.58	42.78	27.45	8.75	8.04	3.4	2.43	95.6
191	3/6/2010 15:01	11.58	42.98	27.59	8.74	8.00	3.4	2.50	95.6
192	3/6/2010 15:16	11.60	42.91	27.54	8.75	8.04	3.4	2.55	95.7
193	3/6/2010 15:31	11.56	43.11	27.68	8.73	8.05	3.3	2.59	95.5
194	3/6/2010 15:46	11.56	43.15	27.72	8.71	7.96	3.3	2.65	95.4
195	3/6/2010 16:01	11.64	43.33	27.85	8.76	7.96	3.5	2.70	96.1
196	3/6/2010 16:16	11.66	43.42	27.91	8.75	7.96	3.5	2.73	96.0
197	3/6/2010 16:31	11.67	43.46	27.94	8.72	7.96	2.7	2.76	95.7
198	3/6/2010 16:46	11.68	43.42	27.91	8.73	8.10	2.7	2.80	95.9
199	3/6/2010 17:01	11.67	43.61	28.04	8.65	7.95	1.6	2.82	95.1
200	3/6/2010 17:16	11.68	43.33	27.84	8.69	7.95	2.5	2.82	95.4
201	3/6/2010 17:31	11.67	43.48	27.95	8.66	8.10	2.8	2.82	95.1
202	3/6/2010 17:46	11.70	43.44	27.93	8.69	8.10	3.2	2.81	95.5
203	3/6/2010 18:01	11.77	43.38	27.88	8.67	8.05	2.9	2.77	95.4
204	3/6/2010 18:16	11.89	43.12	27.71	8.68	7.95	2.3	2.73	95.6
205	3/6/2010 18:31	11.87	42.90	27.55	8.68	8.10	2.7	2.68	95.5
206	3/6/2010 18:46	12.01	42.82	27.50	8.73	7.96	2.6	2.64	96.4
207	3/6/2010 19:01	11.93	42.78	27.47	8.74	8.09	3.0	2.61	96.2
208	3/6/2010 19:16	11.83	42.84	27.50	8.70	7.95	3.8	2.54	95.6
209	3/6/2010 19:31	11.78	42.94	27.57	8.82	7.96	3.2	2.48	96.9
210	3/6/2010 19:46	11.84	42.74	27.43	8.94	8.11	3.6	2.47	98.2
211	3/6/2010 20:01	11.94	42.45	27.23	9.10	8.07	2.6	2.42	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	DO%
			mS/cm		mg/L		NTU	meters	
212	3/6/2010 20:16	11.90	42.29	27.11	8.93	7.97	2.7	2.37	98.0
213	3/6/2010 20:31	11.96	42.26	27.10	8.95	7.97	2.6	2.35	98.4
214	3/6/2010 20:46	12.01	42.21	27.06	8.93	7.98	2.4	2.32	98.3
215	3/6/2010 21:01	11.93	42.05	26.95	8.83	7.96	2.3	2.30	96.9
216	3/6/2010 21:16	11.97	42.05	26.95	8.86	7.96	2.1	2.28	97.4
217	3/6/2010 21:31	11.96	42.06	26.96	8.68	7.94	1.0	2.28	95.4
218	3/6/2010 21:46	11.94	42.02	26.93	8.76	7.96	1.9	2.28	96.2
219	3/6/2010 22:01	11.93	41.87	26.82	8.84	7.96	2.5	2.29	96.9
220	3/6/2010 22:16	11.95	41.94	26.87	8.83	7.96	2.7	2.29	97.0
221	3/6/2010 22:31	11.93	42.26	27.10	8.86	7.97	3.1	2.32	97.4
222	3/6/2010 22:46	11.92	42.28	27.11	8.87	8.01	3.0	2.35	97.4
223	3/6/2010 23:01	11.95	42.30	27.12	8.91	7.97	3.2	2.38	98.0
224	3/6/2010 23:16	11.93	42.04	26.94	8.94	8.06	2.7	2.42	98.1
225	3/6/2010 23:31	11.93	42.48	27.25	8.81	8.05	3.2	2.45	96.9
226	3/6/2010 23:46	11.91	42.67	27.38	8.83	8.06	2.9	2.51	97.2
227	3/7/2010 0:01	11.87	42.98	27.60	8.82	8.01	3.1	2.55	97.1
228	3/7/2010 0:16	11.85	43.01	27.63	8.81	8.01	2.6	2.60	97.0
229	3/7/2010 0:31	11.85	43.21	27.77	8.82	8.02	2.7	2.66	97.2
230	3/7/2010 0:46	11.85	43.29	27.83	8.85	8.02	2.6	2.72	97.4
231	3/7/2010 1:01	11.77	43.54	28.00	8.84	8.02	2.6	2.78	97.3
232	3/7/2010 1:16	11.74	43.80	28.18	8.87	8.03	2.6	2.86	97.7
233	3/7/2010 1:31	11.73	43.83	28.20	8.90	8.08	2.9	2.92	98.0
234	3/7/2010 1:46	11.77	44.15	28.44	8.87	8.03	3.0	3.00	97.9
235	3/7/2010 2:01	11.75	44.85	28.93	8.84	7.99	3.0	3.05	97.9
236	3/7/2010 2:16	11.74	45.47	29.38	8.84	7.99	3.0	3.11	98.1
237	3/7/2010 2:31	11.74	45.80	29.61	8.82	8.10	3.2	3.18	98.0
238	3/7/2010 2:46	11.74	46.35	30.01	8.83	8.00	3.0	3.24	98.4
239	3/7/2010 3:01	11.73	46.22	29.91	8.82	8.00	3.3	3.27	98.1
240	3/7/2010 3:16	11.72	46.38	30.03	8.84	8.09	3.2	3.33	98.5
241	3/7/2010 3:31	11.72	46.48	30.10	8.85	8.12	2.8	3.36	98.6
242	3/7/2010 3:46	11.72	46.66	30.23	8.80	8.14	2.7	3.39	98.1
243	3/7/2010 4:01	11.72	46.66	30.23	8.77	8.15	2.2	3.41	97.9
244	3/7/2010 4:16	11.73	46.68	30.24	8.64	7.99	2.2	3.43	96.4
245	3/7/2010 4:31	11.74	47.12	30.56	8.66	7.99	2.5	3.42	96.9
246	3/7/2010 4:46	11.74	47.12	30.56	8.72	8.15	3.2	3.40	97.5
247	3/7/2010 5:01	11.74	46.68	30.24	8.63	7.99	2.9	3.36	96.3
248	3/7/2010 5:16	11.63	43.67	28.09	8.68	7.97	3.5	3.32	95.3
249	3/7/2010 5:31	11.64	43.38	27.88	8.68	7.97	3.1	3.27	95.2
250	3/7/2010 5:46	11.69	43.29	27.82	8.70	8.06	3.2	3.18	95.6
251	3/7/2010 6:01	11.70	44.02	28.34	8.73	8.07	4.0	3.11	96.1
252	3/7/2010 6:16	11.67	43.68	28.10	8.70	8.06	3.4	3.03	95.6
253	3/7/2010 6:31	11.67	44.00	28.33	8.72	8.06	3.7	2.95	96.0
254	3/7/2010 6:46	11.68	43.44	27.93	8.70	8.04	3.0	2.87	95.6
255	3/7/2010 7:01	11.68	43.48	27.96	8.68	8.06	2.6	2.80	95.4
256	3/7/2010 7:16	11.71	43.68	28.09	8.66	7.96	2.9	2.70	95.3
257	3/7/2010 7:31	11.69	43.36	27.87	8.68	8.05	2.7	2.61	95.4
258	3/7/2010 7:46	11.68	43.61	28.05	8.65	7.96	2.4	2.53	95.1
259	3/7/2010 8:01	11.72	43.33	27.85	8.71	7.97	2.4	2.43	95.7
260	3/7/2010 8:16	11.76	43.00	27.62	8.73	7.97	2.7	2.36	95.9
261	3/7/2010 8:31	11.77	42.85	27.51	8.74	8.03	2.7	2.24	95.9
262	3/7/2010 8:46	11.80	42.58	27.32	8.74	8.04	3.2	2.14	95.8
263	3/7/2010 9:01	11.82	42.44	27.22	8.74	8.05	2.7	2.06	95.8
264	3/7/2010 9:16	11.82	42.41	27.20	8.80	7.99	2.9	1.97	96.5

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	
265	3/7/2010 9:31	11.85	42.37	27.17	8.87	8.02	2.9	1.86	97.3
266	3/7/2010 9:46	11.91	42.33	27.15	8.83	7.96	3.0	1.80	96.9
267	3/7/2010 10:01	11.94	42.21	27.06	8.90	7.99	2.9	1.70	97.7
268	3/7/2010 10:16	11.99	41.98	26.90	8.99	8.08	2.6	1.61	98.7
269	3/7/2010 10:31	12.02	42.09	26.98	9.01	7.99	2.6	1.56	99.0
270	3/7/2010 10:46	12.05	41.94	26.88	9.00	7.99	2.3	1.48	99.0
271	3/7/2010 11:01	12.08	41.81	26.78	8.98	8.09	2.1	1.49	98.7
272	3/7/2010 11:16	12.01	41.95	26.88	8.81	7.97	1.5	1.44	96.8
273	3/7/2010 11:31	11.91	42.09	26.98	8.60	7.95	1.6	1.44	94.4
274	3/7/2010 11:46	11.89	42.36	27.17	8.66	8.00	2.0	1.46	95.1
275	3/7/2010 12:01	12.01	42.01	26.92	8.83	7.98	1.8	1.49	97.1
276	3/7/2010 12:16	12.00	42.07	26.97	8.83	8.01	1.9	1.52	97.0
277	3/7/2010 12:31	11.93	42.25	27.09	8.72	8.00	1.8	1.57	95.8
278	3/7/2010 12:46	11.94	42.12	26.99	8.68	7.96	1.8	1.62	95.3
279	3/7/2010 13:01	12.01	41.76	26.75	8.77	8.05	2.3	1.65	96.3
280	3/7/2010 13:16	12.01	41.69	26.69	8.70	8.06	2.1	1.68	95.5
281	3/7/2010 13:31	12.01	41.78	26.76	8.72	8.05	2.4	1.76	95.8
282	3/7/2010 13:46	11.99	41.84	26.80	8.74	8.04	2.5	1.84	95.9
283	3/7/2010 14:01	11.97	41.96	26.89	8.67	8.02	2.6	1.89	95.2
284	3/7/2010 14:16	11.93	42.17	27.04	8.61	7.95	2.1	1.94	94.5
285	3/7/2010 14:31	11.90	42.04	26.94	8.62	8.02	2.2	2.02	94.5
286	3/7/2010 14:46	11.89	42.33	27.14	8.61	8.05	2.4	2.08	94.5
287	3/7/2010 15:01	11.88	42.42	27.21	8.61	8.03	2.4	2.11	94.6
288	3/7/2010 15:16	11.93	42.43	27.22	8.67	8.05	2.7	2.18	95.3
289	3/7/2010 15:31	11.89	42.70	27.41	8.72	8.01	2.8	2.23	95.9
290	3/7/2010 15:46	11.95	42.74	27.44	8.73	8.04	3.1	2.31	96.2
291	3/7/2010 16:01	11.96	42.93	27.57	8.75	8.05	2.9	2.37	96.5
292	3/7/2010 16:16	12.00	43.08	27.68	8.76	8.02	2.9	2.43	96.7
293	3/7/2010 16:31	11.97	43.01	27.63	8.76	8.04	2.6	2.46	96.7
294	3/7/2010 16:46	12.01	43.19	27.76	8.75	8.05	2.6	2.49	96.7
295	3/7/2010 17:01	11.92	43.45	27.94	8.71	8.05	2.4	2.56	96.1
296	3/7/2010 17:16	11.93	43.52	27.99	8.73	8.04	2.5	2.62	96.4
297	3/7/2010 17:31	11.89	43.67	28.10	8.69	8.02	2.3	2.66	96.0
298	3/7/2010 17:46	11.90	43.75	28.15	8.68	7.97	2.3	2.69	95.9
299	3/7/2010 18:01	11.87	43.81	28.20	8.60	7.97	2.0	2.71	95.1
300	3/7/2010 18:16	11.85	43.79	28.18	8.60	8.07	2.0	2.75	95.0
301	3/7/2010 18:31	11.86	43.78	28.18	8.59	8.07	2.0	2.76	94.8
302	3/7/2010 18:46	11.83	43.92	28.28	8.52	8.07	2.1	2.78	94.1
303	3/7/2010 19:01	11.83	44.01	28.34	8.53	8.07	2.4	2.77	94.2
304	3/7/2010 19:16	11.84	44.08	28.39	8.57	7.97	2.7	2.75	94.7
305	3/7/2010 19:31	11.86	43.93	28.28	8.60	7.97	2.6	2.73	95.0
306	3/7/2010 19:46	11.92	43.74	28.15	8.59	8.07	2.7	2.68	94.9
307	3/7/2010 20:01	11.97	43.33	27.86	8.66	8.06	3.1	2.66	95.6
308	3/7/2010 20:16	11.92	43.23	27.79	8.56	8.07	2.7	2.60	94.5
309	3/7/2010 20:31	11.85	42.99	27.61	8.62	8.04	3.8	2.55	94.9
310	3/7/2010 20:46	11.88	42.97	27.60	8.62	7.98	4.2	2.52	94.9
311	3/7/2010 21:01	11.86	42.92	27.56	8.60	8.01	3.7	2.49	94.7
312	3/7/2010 21:16	11.84	42.84	27.50	8.59	8.01	3.1	2.47	94.4
313	3/7/2010 21:31	11.90	42.78	27.46	8.63	8.01	3.4	2.41	95.0
314	3/7/2010 21:46	11.86	42.61	27.34	8.57	7.96	2.8	2.40	94.1
315	3/7/2010 22:01	11.87	42.68	27.39	8.61	7.96	2.9	2.41	94.7
316	3/7/2010 22:16	11.87	42.53	27.29	8.58	8.06	2.8	2.38	94.2
317	3/7/2010 22:31	11.89	42.57	27.32	8.54	8.05	2.6	2.37	93.9

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	
318	3/7/2010 22:46	11.89	42.69	27.40	8.33	8.04	1.8	2.35	91.6
319	3/7/2010 23:01	11.90	42.85	27.51	8.09	8.03	1.5	2.37	89.1
320	3/7/2010 23:16	11.88	42.80	27.48	8.48	7.99	2.1	2.37	93.3
321	3/7/2010 23:31	11.86	42.44	27.22	8.59	8.03	2.8	2.38	94.3
322	3/7/2010 23:46	11.84	42.36	27.16	8.58	8.05	2.9	2.40	94.1
323	3/8/2010 0:01	11.90	42.60	27.33	8.55	8.04	2.6	2.40	94.0
324	3/8/2010 0:16	11.90	42.70	27.41	8.55	7.97	2.9	2.44	94.0
325	3/8/2010 0:31	11.91	42.87	27.53	8.50	8.00	2.5	2.46	93.6
326	3/8/2010 0:46	11.89	42.61	27.34	8.59	8.02	3.2	2.51	94.4
327	3/8/2010 1:01	11.89	42.88	27.54	8.52	8.02	2.9	2.55	93.8
328	3/8/2010 1:16	11.89	43.39	27.90	8.52	8.03	3.1	2.58	94.0
329	3/8/2010 1:31	11.87	43.90	28.26	8.57	8.03	2.9	2.65	94.7
330	3/8/2010 1:46	11.86	44.02	28.35	8.59	7.99	3.0	2.70	94.9
331	3/8/2010 2:01	11.86	44.09	28.39	8.62	8.04	3.5	2.75	95.3
332	3/8/2010 2:16	11.85	44.41	28.63	8.60	8.06	2.6	2.79	95.3
333	3/8/2010 2:31	11.85	44.74	28.86	8.63	7.99	2.6	2.86	95.6
334	3/8/2010 2:46	11.86	45.34	29.29	8.68	8.07	2.9	2.90	96.6
335	3/8/2010 3:01	11.84	45.51	29.41	8.71	8.08	2.9	2.97	96.9
336	3/8/2010 3:16	11.82	45.64	29.50	8.74	8.04	3.1	3.03	97.3
337	3/8/2010 3:31	11.82	45.82	29.63	8.75	8.05	2.9	3.08	97.4
338	3/8/2010 3:46	11.81	45.87	29.66	8.76	8.09	2.9	3.12	97.6
339	3/8/2010 4:01	11.79	45.67	29.52	8.73	8.09	2.7	3.15	97.1
340	3/8/2010 4:16	11.78	45.56	29.44	8.68	8.10	2.9	3.19	96.5
341	3/8/2010 4:31	11.78	45.64	29.50	8.71	8.09	2.1	3.24	96.8
342	3/8/2010 4:46	11.79	45.76	29.59	8.59	8.10	1.5	3.24	95.6
343	3/8/2010 5:01	11.82	45.82	29.63	8.45	7.98	1.8	3.28	94.1
344	3/8/2010 5:16	11.80	45.68	29.53	8.58	8.09	1.8	3.27	95.5
345	3/8/2010 5:31	11.82	45.77	29.60	8.47	8.09	1.9	3.28	94.2
346	3/8/2010 5:46	11.80	45.89	29.68	8.58	8.09	1.9	3.26	95.5
347	3/8/2010 6:01	11.81	45.57	29.45	8.54	8.09	2.3	3.24	95.0
348	3/8/2010 6:16	11.71	45.04	29.07	8.56	8.08	3.0	3.21	94.7
349	3/8/2010 6:31	11.61	44.45	28.64	8.57	8.06	3.4	3.16	94.5
350	3/8/2010 6:46	11.56	43.80	28.18	8.55	8.06	3.7	3.12	93.8
351	3/8/2010 7:01	11.67	44.39	28.60	8.47	8.02	3.4	3.06	93.4
352	3/8/2010 7:16	11.49	43.84	28.20	8.63	8.04	5.2	2.99	94.5
353	3/8/2010 7:31	11.39	43.84	28.20	8.66	7.99	4.3	2.92	94.7
354	3/8/2010 7:46	11.38	43.92	28.25	8.67	8.00	4.0	2.84	94.8
355	3/8/2010 8:01	11.37	43.62	28.04	8.67	8.05	4.0	2.78	94.6
356	3/8/2010 8:16	11.38	43.45	27.92	8.69	8.03	3.6	2.70	94.8
357	3/8/2010 8:31	11.39	43.29	27.80	8.66	8.05	3.7	2.62	94.5
358	3/8/2010 8:46	11.45	43.29	27.81	8.60	7.98	4.0	2.52	94.0
359	3/8/2010 9:01	11.37	43.32	27.82	8.64	7.99	3.7	2.46	94.2
360	3/8/2010 9:16	11.39	43.13	27.69	8.64	7.98	4.4	2.36	94.1
361	3/8/2010 9:31	11.40	43.08	27.65	8.62	8.01	4.0	2.28	94.0
362	3/8/2010 9:46	11.45	42.82	27.47	8.65	8.02	4.0	2.18	94.2
363	3/8/2010 10:01	11.39	42.85	27.49	8.70	8.00	5.1	2.09	94.8
364	3/8/2010 10:16	11.43	42.39	27.17	8.69	8.01	5.1	1.99	94.5
365	3/8/2010 10:31	11.44	42.22	27.05	8.73	8.02	4.6	1.90	94.8
366	3/8/2010 10:46	11.50	42.21	27.04	8.93	8.02	5.4	1.80	97.2
367	3/8/2010 11:01	11.63	41.93	26.85	8.84	8.03	4.8	1.74	96.3
368	3/8/2010 11:16	11.76	41.90	26.83	8.85	8.04	4.5	1.65	96.7
369	3/8/2010 11:31	11.83	41.95	26.87	8.91	8.00	5.4	1.59	97.5
370	3/8/2010 11:46	11.84	41.78	26.75	8.94	8.00	4.9	1.55	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	DO%
			mS/cm		mg/L		NTU	meters	
371	3/8/2010 12:01	11.81	41.84	26.80	8.83	8.00	4.6	1.49	96.6
372	3/8/2010 12:16	11.79	41.81	26.77	8.82	7.99	4.3	1.45	96.4
373	3/8/2010 12:31	11.76	41.71	26.70	8.68	8.04	2.9	1.44	94.8
374	3/8/2010 12:46	11.57	41.98	26.88	8.50	7.96	3.2	1.42	92.5
375	3/8/2010 13:01	11.60	41.98	26.89	8.54	7.97	3.4	1.46	93.0
376	3/8/2010 13:16	11.70	41.96	26.88	8.67	7.98	4.0	1.49	94.7
377	3/8/2010 13:31	11.78	42.06	26.95	8.72	7.98	4.2	1.50	95.4
378	3/8/2010 13:46	11.72	41.88	26.82	8.69	7.98	4.0	1.54	94.9
379	3/8/2010 14:01	11.70	42.04	26.93	8.66	7.98	3.8	1.59	94.5
380	3/8/2010 14:16	11.77	41.57	26.60	8.73	8.01	4.8	1.63	95.3
381	3/8/2010 14:31	11.69	41.54	26.58	8.63	8.02	4.3	1.70	94.0
382	3/8/2010 14:46	11.65	41.76	26.73	8.60	7.97	4.6	1.75	93.7
383	3/8/2010 15:01	11.63	41.73	26.71	8.59	8.01	4.2	1.80	93.5
384	3/8/2010 15:16	11.63	41.78	26.74	8.53	7.99	3.7	1.86	92.9
385	3/8/2010 15:31	11.61	42.08	26.96	8.46	8.00	3.7	1.91	92.2
386	3/8/2010 15:46	11.61	41.90	26.83	8.47	7.97	3.6	1.99	92.3
387	3/8/2010 16:01	11.57	42.62	27.34	8.42	7.97	3.2	2.03	91.9
388	3/8/2010 16:16	11.59	42.74	27.42	8.41	8.01	3.2	2.08	91.9
389	3/8/2010 16:31	11.61	42.99	27.60	8.45	7.97	3.1	2.15	92.5
390	3/8/2010 16:46	11.64	43.10	27.68	8.49	7.99	3.1	2.19	93.0
391	3/8/2010 17:01	11.66	42.90	27.54	8.53	8.02	3.3	2.25	93.4
392	3/8/2010 17:16	11.67	43.21	27.76	8.53	8.02	3.1	2.30	93.6
393	3/8/2010 17:31	11.65	43.33	27.84	8.55	8.00	3.1	2.36	93.8
394	3/8/2010 17:46	11.63	43.63	28.05	8.51	8.00	2.9	2.43	93.5
395	3/8/2010 18:01	11.66	43.38	27.88	8.49	8.03	3.0	2.48	93.2
396	3/8/2010 18:16	11.65	43.71	28.12	8.53	7.99	2.8	2.53	93.8
397	3/8/2010 18:31	11.64	43.85	28.21	8.50	8.00	2.7	2.55	93.5
398	3/8/2010 18:46	11.63	43.84	28.21	8.48	7.99	2.8	2.61	93.2
399	3/8/2010 19:01	11.62	43.96	28.29	8.49	7.99	4.3	2.64	93.4
400	3/8/2010 19:16	11.62	43.96	28.29	8.45	7.98	2.7	2.65	92.9
401	3/8/2010 19:31	11.61	43.85	28.21	8.36	8.04	2.1	2.67	91.8
402	3/8/2010 19:46	11.60	43.79	28.17	8.37	8.03	3.3	2.68	91.9
403	3/8/2010 20:01	11.48	43.86	28.22	8.53	7.99	11.8	2.66	93.4
404	3/8/2010 20:16	11.36	43.59	28.02	8.57	7.99	15.1	2.65	93.5
405	3/8/2010 20:31	11.43	43.57	28.01	8.53	7.99	15.3	2.62	93.3
406	3/8/2010 20:46	11.37	43.45	27.92	8.51	7.99	18.1	2.59	92.9
407	3/8/2010 21:01	11.16	43.26	27.77	8.63	7.99	22.7	2.57	93.7
408	3/8/2010 21:16	11.12	43.31	27.81	8.61	7.99	19.2	2.54	93.4
409	3/8/2010 21:31	11.08	43.19	27.72	8.63	8.02	20.0	2.51	93.4
410	3/8/2010 21:46	11.02	43.23	27.75	8.63	8.02	18.4	2.51	93.4
411	3/8/2010 22:01	10.97	43.39	27.86	8.61	7.99	13.7	2.47	93.1
412	3/8/2010 22:16	10.95	43.12	27.67	8.74	8.03	22.2	2.43	94.3
413	3/8/2010 22:31	11.04	42.97	27.56	8.74	8.01	18.7	2.40	94.5
414	3/8/2010 22:46	11.11	42.70	27.38	8.75	8.01	20.0	2.39	94.6
415	3/8/2010 23:01	10.89	42.77	27.42	8.74	8.01	17.8	2.35	94.0
416	3/8/2010 23:16	10.77	42.99	27.57	8.71	7.99	17.6	2.36	93.6
417	3/8/2010 23:31	10.94	42.87	27.49	8.67	8.00	16.2	2.33	93.4
418	3/8/2010 23:46	10.72	43.09	27.63	8.68	8.00	16.7	2.31	93.2
419	3/9/2010 0:01	10.77	42.99	27.56	8.68	8.01	17.3	2.31	93.2
420	3/9/2010 0:16	10.87	42.76	27.40	8.68	8.01	16.9	2.29	93.4
421	3/9/2010 0:31	10.97	42.65	27.33	8.67	8.00	16.1	2.28	93.4
422	3/9/2010 0:46	10.99	42.64	27.33	8.60	8.01	11.5	2.29	92.7
423	3/9/2010 1:01	10.95	42.68	27.35	8.52	7.99	10.6	2.30	91.8

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	
424	3/9/2010 1:16	10.89	42.62	27.31	8.63	8.00	14.2	2.31	92.8
425	3/9/2010 1:31	10.87	42.58	27.28	8.62	8.01	12.5	2.33	92.7
426	3/9/2010 1:46	10.89	42.84	27.47	8.60	8.00	13.9	2.36	92.6
427	3/9/2010 2:01	10.99	42.95	27.55	8.61	8.02	12.8	2.39	93.0
428	3/9/2010 2:16	11.03	42.93	27.53	8.58	8.01	12.8	2.41	92.7
429	3/9/2010 2:31	10.94	42.78	27.42	8.67	8.03	14.4	2.47	93.4
430	3/9/2010 2:46	11.02	42.83	27.46	8.60	8.01	12.7	2.51	92.8
431	3/9/2010 3:01	11.14	43.17	27.71	8.59	8.01	14.2	2.55	93.2
432	3/9/2010 3:16	11.20	43.32	27.82	8.58	7.98	12.6	2.61	93.2
433	3/9/2010 3:31	11.29	43.96	28.28	8.58	8.02	9.1	2.66	93.6
434	3/9/2010 3:46	11.36	44.43	28.61	8.57	8.02	10.3	2.71	93.9
435	3/9/2010 4:01	11.41	45.23	29.19	8.61	8.03	7.3	2.75	94.8
436	3/9/2010 4:16	11.42	45.34	29.27	8.64	8.02	6.0	2.81	95.1
437	3/9/2010 4:31	11.42	45.81	29.61	8.65	8.03	5.7	2.86	95.5
438	3/9/2010 4:46	11.38	45.85	29.63	8.66	8.03	5.6	2.91	95.5
439	3/9/2010 5:01	11.30	45.62	29.47	8.64	8.02	5.3	2.95	95.0
440	3/9/2010 5:16	11.32	45.45	29.35	8.63	8.04	4.9	3.01	94.9
441	3/9/2010 5:31	11.28	45.63	29.47	8.59	8.02	4.8	3.04	94.5
442	3/9/2010 5:46	11.21	45.47	29.35	8.54	8.05	3.7	3.07	93.7
443	3/9/2010 6:01	10.75	44.41	28.57	8.55	8.03	5.3	3.11	92.5
444	3/9/2010 6:16	11.13	45.33	29.25	8.62	8.02	4.2	3.14	94.3
445	3/9/2010 6:31	11.19	45.36	29.27	8.45	8.05	3.5	3.12	92.6
446	3/9/2010 6:46	11.25	45.66	29.49	8.34	8.04	4.3	3.13	91.6
447	3/9/2010 7:01	11.34	45.71	29.53	8.41	8.00	3.5	3.12	92.6
448	3/9/2010 7:16	11.08	45.59	29.43	8.45	8.02	4.3	3.08	92.5
449	3/9/2010 7:31	10.54	43.91	28.21	8.56	8.02	7.2	3.07	91.9
450	3/9/2010 7:46	10.71	44.09	28.34	8.56	8.03	7.5	3.02	92.3
451	3/9/2010 8:01	10.70	43.83	28.16	8.55	8.02	9.3	2.95	92.1
452	3/9/2010 8:16	10.75	44.24	28.45	8.54	8.00	7.3	2.90	92.3
453	3/9/2010 8:31	10.80	44.05	28.32	8.51	8.01	6.5	2.85	91.9
454	3/9/2010 8:46	10.71	44.15	28.39	8.52	8.05	7.9	2.77	91.9
455	3/9/2010 9:01	10.92	44.17	28.41	8.54	8.02	9.8	2.70	92.5
456	3/9/2010 9:16	10.81	43.83	28.16	8.59	8.03	8.5	2.63	92.7
457	3/9/2010 9:31	10.76	43.89	28.21	8.65	8.03	8.2	2.55	93.3
458	3/9/2010 9:46	10.79	43.81	28.15	8.69	8.05	7.8	2.48	93.8
459	3/9/2010 10:01	10.75	43.13	27.67	8.66	8.00	12.6	2.38	93.1
460	3/9/2010 10:16	10.76	43.31	27.79	8.71	8.02	13.6	2.31	93.7
461	3/9/2010 10:31	10.79	43.02	27.59	8.77	8.04	12.1	2.22	94.3
462	3/9/2010 10:46	10.90	42.94	27.54	8.77	8.04	12.0	2.14	94.5
463	3/9/2010 11:01	11.06	42.93	27.53	8.87	8.04	10.8	2.04	95.9
464	3/9/2010 11:16	11.19	42.66	27.35	9.20	8.03	10.6	1.94	99.6
465	3/9/2010 11:31	10.99	42.40	27.16	8.84	8.03	12.0	1.85	95.2
466	3/9/2010 11:46	11.02	42.15	26.98	8.91	8.03	11.3	1.76	95.9
467	3/9/2010 12:01	11.08	42.13	26.97	9.08	8.08	10.2	1.67	97.9
468	3/9/2010 12:16	11.10	42.08	26.93	9.25	8.09	10.1	1.60	99.7
469	3/9/2010 12:31	11.11	41.94	26.84	9.25	8.09	9.6	1.53	99.7
470	3/9/2010 12:46	11.06	41.95	26.84	9.15	8.08	9.3	1.47	98.5
471	3/9/2010 13:01	11.02	42.00	26.88	9.06	8.09	9.0	1.42	97.5
472	3/9/2010 13:16	10.97	41.91	26.81	8.97	8.08	7.9	1.39	96.3
473	3/9/2010 13:31	11.04	42.42	27.18	8.69	8.03	12.6	1.38	93.7
474	3/9/2010 13:46	10.94	41.96	26.84	9.01	8.09	10.6	1.36	96.8
475	3/9/2010 14:01	10.89	41.87	26.78	8.89	8.08	9.8	1.38	95.3
476	3/9/2010 14:16	10.95	42.13	26.97	8.83	8.07	10.6	1.39	94.9

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	
477	3/9/2010 14:31	10.86	41.34	26.40	8.84	8.08	10.4	1.42	94.4
478	3/9/2010 14:46	10.89	42.19	27.00	8.64	8.01	9.4	1.47	92.7
479	3/9/2010 15:01	10.84	41.12	26.25	8.67	8.04	10.3	1.52	92.5
480	3/9/2010 15:16	10.86	42.14	26.97	8.54	8.05	9.0	1.55	91.6
481	3/9/2010 15:31	10.83	41.87	26.78	8.59	8.05	9.3	1.62	91.9
482	3/9/2010 15:46	10.83	42.07	26.92	8.56	8.04	9.5	1.68	91.7
483	3/9/2010 16:01	10.80	41.99	26.86	8.52	8.03	8.8	1.72	91.2
484	3/9/2010 16:16	10.84	42.44	27.18	8.43	8.03	8.0	1.78	90.5
485	3/9/2010 16:31	10.82	42.48	27.20	8.43	8.04	8.4	1.85	90.5
486	3/9/2010 16:46	10.78	42.15	26.97	8.49	8.05	9.2	1.90	90.9
487	3/9/2010 17:01	10.83	42.25	27.04	8.50	7.97	8.0	1.97	91.2
488	3/9/2010 17:16	10.85	42.21	27.02	8.55	7.97	7.3	2.04	91.7
489	3/9/2010 17:31	10.91	42.96	27.55	8.54	8.04	6.7	2.10	92.0
490	3/9/2010 17:46	10.91	43.30	27.79	8.58	8.05	7.0	2.18	92.6
491	3/9/2010 18:01	10.92	43.41	27.87	8.58	7.99	7.6	2.24	92.7
492	3/9/2010 18:16	10.88	43.44	27.89	8.58	7.99	7.1	2.31	92.6
493	3/9/2010 18:31	10.86	43.74	28.10	8.58	8.05	7.0	2.39	92.7
494	3/9/2010 18:46	10.87	43.95	28.25	8.53	8.06	6.1	2.46	92.3
495	3/9/2010 19:01	10.90	44.26	28.47	8.52	8.06	5.9	2.51	92.4
496	3/9/2010 19:16	10.96	44.33	28.53	8.51	8.01	5.7	2.56	92.4
497	3/9/2010 19:31	10.98	44.35	28.54	8.48	8.00	5.5	2.62	92.1
498	3/9/2010 19:46	10.95	44.43	28.60	8.47	8.01	5.4	2.68	92.0
499	3/9/2010 20:01	10.93	44.60	28.72	8.46	8.03	5.2	2.72	91.9
500	3/9/2010 20:16	10.99	44.50	28.65	8.41	8.02	4.3	2.74	91.4
501	3/9/2010 20:31	10.98	44.68	28.78	8.38	8.02	3.8	2.78	91.1
502	3/9/2010 20:46	11.02	44.88	28.92	8.32	8.02	3.6	2.80	90.7
503	3/9/2010 21:01	11.01	44.88	28.92	8.27	8.01	3.7	2.78	90.1
504	3/9/2010 21:16	11.03	44.93	28.96	8.28	8.02	4.0	2.79	90.3
505	3/9/2010 21:31	11.02	44.76	28.84	8.24	8.01	3.5	2.80	89.7
506	3/9/2010 21:46	10.79	44.00	28.28	8.34	8.01	4.4	2.76	90.0
507	3/9/2010 22:01	10.94	44.74	28.82	8.33	8.02	4.6	2.72	90.6
508	3/9/2010 22:16	10.86	44.30	28.50	8.35	8.04	5.7	2.70	90.4
509	3/9/2010 22:31	10.90	44.36	28.54	8.34	8.02	4.8	2.66	90.4
510	3/9/2010 22:46	10.81	44.17	28.41	8.37	8.00	4.9	2.60	90.5
511	3/9/2010 23:01	10.83	44.22	28.44	8.36	8.01	4.9	2.55	90.4
512	3/9/2010 23:16	10.68	43.65	28.03	8.37	7.99	5.3	2.54	90.0
513	3/9/2010 23:31	10.67	43.46	27.89	8.34	7.99	5.0	2.49	89.6
514	3/9/2010 23:46	10.64	43.43	27.87	8.36	7.97	4.6	2.45	89.8
515	3/10/2010 0:01	10.52	43.36	27.81	8.42	8.04	5.1	2.39	90.2
516	3/10/2010 0:16	10.45	43.03	27.58	8.33	8.02	4.3	2.40	88.9
517	3/10/2010 0:31	10.25	42.94	27.50	8.36	8.03	4.5	2.35	88.8
518	3/10/2010 0:46	10.58	43.45	27.88	8.13	8.01	3.1	2.32	87.2
519	3/10/2010 1:01	10.52	43.25	27.74	8.03	8.01	2.7	2.30	85.9
520	3/10/2010 1:16	10.49	43.10	27.63	8.04	8.02	3.1	2.28	85.9
521	3/10/2010 1:31	10.19	42.87	27.45	8.30	7.98	4.9	2.30	88.0
522	3/10/2010 1:46	10.25	42.82	27.42	8.29	8.04	4.0	2.26	88.0
523	3/10/2010 2:01	10.24	42.65	27.30	8.28	8.03	3.8	2.29	87.8
524	3/10/2010 2:16	10.36	42.78	27.39	8.33	7.97	4.5	2.30	88.6
525	3/10/2010 2:31	10.36	42.98	27.54	8.32	8.03	4.6	2.26	88.6
526	3/10/2010 2:46	10.42	42.96	27.52	8.32	8.03	4.7	2.31	88.7
527	3/10/2010 3:01	10.61	43.20	27.70	8.31	7.97	4.6	2.34	89.0
528	3/10/2010 3:16	10.69	43.65	28.03	8.27	8.04	4.6	2.39	89.0
529	3/10/2010 3:31	10.62	43.56	27.96	8.30	8.04	4.7	2.42	89.1

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	
530	3/10/2010 3:46	10.70	43.89	28.20	8.25	7.96	5.3	2.45	88.9
531	3/10/2010 4:01	10.73	44.15	28.38	8.30	8.05	6.2	2.50	89.5
532	3/10/2010 4:16	10.63	43.78	28.12	8.36	8.06	5.2	2.56	89.9
533	3/10/2010 4:31	10.75	44.23	28.44	8.33	7.97	4.7	2.61	90.0
534	3/10/2010 4:46	10.70	44.01	28.29	8.35	7.96	5.0	2.68	90.0
535	3/10/2010 5:01	10.70	44.17	28.40	8.35	8.05	4.7	2.73	90.1
536	3/10/2010 5:16	10.65	44.02	28.29	8.39	8.06	4.6	2.77	90.3
537	3/10/2010 5:31	10.77	44.79	28.85	8.41	7.97	4.7	2.85	91.1
538	3/10/2010 5:46	10.87	45.63	29.45	8.39	8.05	4.3	2.88	91.4
539	3/10/2010 6:01	10.87	45.67	29.48	8.37	8.04	4.5	2.92	91.2
540	3/10/2010 6:16	10.83	45.65	29.46	8.39	8.05	4.4	2.98	91.4
541	3/10/2010 6:31	10.81	45.78	29.56	8.38	7.99	4.3	3.03	91.3
542	3/10/2010 6:46	10.72	45.44	29.31	8.35	8.04	4.3	3.07	90.6
543	3/10/2010 7:01	10.41	45.03	29.00	8.34	8.00	3.1	3.11	89.8
544	3/10/2010 7:16	10.49	45.30	29.19	8.33	8.03	3.9	3.13	89.9
545	3/10/2010 7:31	10.49	44.63	28.71	8.22	8.03	3.5	3.15	88.4
546	3/10/2010 7:46	10.59	44.90	28.91	8.30	8.00	3.0	3.15	89.6
547	3/10/2010 8:01	10.76	45.17	29.11	8.15	8.03	3.1	3.15	88.4
548	3/10/2010 8:16	10.83	45.20	29.14	8.12	8.03	3.0	3.13	88.3
549	3/10/2010 8:31	10.76	45.48	29.33	8.19	8.03	3.3	3.13	88.9
550	3/10/2010 8:46	10.11	43.92	28.19	8.38	8.05	6.4	3.08	89.1
551	3/10/2010 9:01	10.09	43.20	27.68	8.43	8.06	5.6	3.02	89.3
552	3/10/2010 9:16	10.29	44.14	28.36	8.36	8.07	4.6	2.94	89.4
553	3/10/2010 9:31	10.55	44.53	28.65	8.37	8.05	4.9	2.90	90.2
554	3/10/2010 9:46	10.53	44.28	28.47	8.42	8.06	5.1	2.81	90.5
555	3/10/2010 10:01	10.64	44.31	28.50	8.49	7.98	4.6	2.73	91.5
556	3/10/2010 10:16	10.67	44.07	28.33	8.51	8.07	4.6	2.66	91.7
557	3/10/2010 10:31	10.68	44.04	28.31	8.52	8.06	4.5	2.60	91.9
558	3/10/2010 10:46	10.66	43.77	28.11	8.51	8.08	4.3	2.51	91.6
559	3/10/2010 11:01	10.78	43.48	27.91	8.71	8.00	4.0	2.42	93.8
560	3/10/2010 11:16	10.97	43.41	27.87	8.77	8.08	5.3	2.33	94.8
561	3/10/2010 11:31	10.96	43.06	27.63	8.77	8.03	4.0	2.23	94.6
562	3/10/2010 11:46	11.12	43.05	27.62	8.88	8.07	4.1	2.14	96.2
563	3/10/2010 12:01	11.23	43.05	27.63	9.03	8.10	3.8	2.03	98.0
564	3/10/2010 12:16	11.22	42.91	27.53	8.94	8.09	4.1	1.95	97.0
565	3/10/2010 12:31	11.38	42.83	27.48	9.12	8.11	4.3	1.82	99.2
566	3/10/2010 12:46	11.20	42.79	27.44	8.97	8.10	4.1	1.74	97.3
567	3/10/2010 13:01	11.18	42.65	27.35	9.06	8.05	4.2	1.66	98.1
568	3/10/2010 13:16	11.49	42.66	27.36	9.10	8.10	3.8	1.58	99.2
569	3/10/2010 13:31	11.29	42.52	27.25	9.05	8.10	3.5	1.50	98.2
570	3/10/2010 13:46	11.52	42.65	27.36	9.10	8.11	3.4	1.48	99.2
571	3/10/2010 14:01	11.57	42.10	26.97	9.12	8.11	3.0	1.37	99.3
572	3/10/2010 14:16	11.57	42.37	27.16	9.11	8.08	2.9	1.34	99.3
573	3/10/2010 14:31	12.02	42.25	27.09	9.12	8.10	3.4	1.35	100.4
574	3/10/2010 14:46	11.38	42.41	27.18	8.85	8.07	3.1	1.35	96.2
575	3/10/2010 15:01	11.59	42.58	27.31	8.98	8.11	3.2	1.35	98.0
576	3/10/2010 15:16	11.47	42.25	27.07	8.91	8.03	3.4	1.38	96.8
577	3/10/2010 15:31	11.46	42.38	27.16	8.90	8.03	3.2	1.41	96.9
578	3/10/2010 15:46	11.34	42.26	27.07	8.88	8.11	3.5	1.46	96.3
579	3/10/2010 16:01	11.28	42.54	27.27	8.80	8.10	3.2	1.52	95.4
580	3/10/2010 16:16	11.22	42.53	27.26	8.78	8.11	3.4	1.59	95.1
581	3/10/2010 16:31	11.12	41.29	26.38	8.77	8.00	4.8	1.62	94.3
582	3/10/2010 16:46	11.08	42.33	27.12	8.69	8.09	3.7	1.68	93.7

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	
583	3/10/2010 17:01	11.01	42.33	27.11	8.62	8.09	3.8	1.75	92.9
584	3/10/2010 17:16	10.95	42.02	26.89	8.59	8.09	3.7	1.82	92.3
585	3/10/2010 17:31	10.95	42.09	26.94	8.53	8.09	3.7	1.88	91.7
586	3/10/2010 17:46	10.87	42.32	27.10	8.49	8.08	4.2	1.93	91.1
587	3/10/2010 18:01	10.86	42.65	27.33	8.44	8.08	4.3	2.04	90.8
588	3/10/2010 18:16	10.89	42.60	27.29	8.44	8.08	4.5	2.08	90.7
589	3/10/2010 18:31	10.93	42.63	27.31	8.43	7.96	4.4	2.17	90.7
590	3/10/2010 18:46	10.96	42.61	27.31	8.44	7.96	5.2	2.25	90.9
591	3/10/2010 19:01	10.90	43.02	27.60	8.39	8.08	4.5	2.30	90.4
592	3/10/2010 19:16	10.93	43.07	27.63	8.40	8.07	4.8	2.38	90.6
593	3/10/2010 19:31	10.87	43.10	27.65	8.35	7.96	4.8	2.46	89.9
594	3/10/2010 19:46	10.83	43.51	27.94	8.30	7.96	4.6	2.50	89.5
595	3/10/2010 20:01	10.81	43.96	28.26	8.27	8.07	4.3	2.57	89.3
596	3/10/2010 20:16	10.79	44.43	28.59	8.22	7.95	5.2	2.64	88.9
597	3/10/2010 20:31	10.79	44.65	28.74	8.19	8.07	5.1	2.68	88.7
598	3/10/2010 20:46	10.81	44.88	28.91	8.16	8.06	5.0	2.73	88.5
599	3/10/2010 21:01	10.82	45.05	29.03	8.15	8.07	4.8	2.79	88.4
600	3/10/2010 21:16	10.82	45.23	29.16	8.12	8.06	4.2	2.79	88.3
601	3/10/2010 21:31	10.82	45.06	29.04	8.12	8.05	4.1	2.85	88.1
602	3/10/2010 21:46	10.83	45.36	29.26	8.07	8.04	2.7	2.85	87.8
603	3/10/2010 22:01	10.82	45.20	29.14		8.04	3.1	2.86	
604	3/10/2010 22:16	10.83	45.19	29.13		8.04	3.5	2.85	
605	3/10/2010 22:31	10.84	45.35	29.25		8.05	4.3	2.84	
606	3/10/2010 22:46	10.83	45.32	29.23		8.05	4.5	2.79	
607	3/10/2010 23:01	10.76	44.96	28.97		8.06	4.0	2.73	
608	3/10/2010 23:16	10.76	43.98	28.27		7.97	4.3	2.70	
609	3/10/2010 23:31	10.75	43.87	28.19		8.05	5.1	2.65	
610	3/10/2010 23:46	10.78	44.05	28.32		8.05	4.1	2.58	
611	3/11/2010 0:01	10.76	43.72	28.08		8.05	3.9	2.52	
612	3/11/2010 0:16	10.73	43.38	27.84		8.05	3.9	2.47	
613	3/11/2010 0:31	10.67	43.14	27.67		8.05	3.7	2.41	
614	3/11/2010 0:46	10.64	42.83	27.44		8.06	4.0	2.35	
615	3/11/2010 1:01	10.60	42.90	27.49		8.06	3.6	2.30	
616	3/11/2010 1:16	10.57	42.66	27.32		8.06	3.6	2.26	
617	3/11/2010 1:31	10.55	42.67	27.33		8.06	3.7	2.21	
618	3/11/2010 1:46	10.54	42.47	27.19		8.06	3.4	2.18	
619	3/11/2010 2:01	10.52	42.51	27.22		7.96	3.0	2.14	
620	3/11/2010 2:16	10.52	42.33	27.09		8.06	3.0	2.13	
621	3/11/2010 2:31	10.59	42.50	27.21		8.04	2.1	2.10	
622	3/11/2010 2:46	10.57	42.76	27.39		8.06	3.5	2.10	
623	3/11/2010 3:01	10.49	42.12	26.94		8.06	3.8	2.11	
624	3/11/2010 3:16	10.52	42.05	26.89		7.97	3.5	2.12	
625	3/11/2010 3:31	10.65	42.84	27.45		7.95	3.8	2.15	
626	3/11/2010 3:46	10.61	42.88	27.48		8.07	3.9	2.18	
627	3/11/2010 4:01	10.56	42.52	27.22		8.07	3.7	2.21	
628	3/11/2010 4:16	10.57	42.63	27.30		8.06	4.0	2.29	
629	3/11/2010 4:31	10.67	43.24	27.74		8.06	3.7	2.32	
630	3/11/2010 4:46	10.66	43.01	27.57		8.07	3.8	2.39	
631	3/11/2010 5:01	10.71	43.60	28.00		8.06	4.0	2.44	
632	3/11/2010 5:16	10.70	43.50	27.92		8.07	3.8	2.49	
633	3/11/2010 5:31	10.71	43.68	28.05		8.07	3.6	2.53	
634	3/11/2010 5:46	10.68	43.92	28.22		8.07	3.7	2.59	
635	3/11/2010 6:01	10.71	44.20	28.42		8.08	4.2	2.66	

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	
636	3/11/2010 6:16	10.70	44.58	28.69		8.08	4.2	2.71	
637	3/11/2010 6:31	10.72	44.87	28.90		8.04	4.3	2.77	
638	3/11/2010 6:46	10.82	45.17	29.12		8.07	4.2	2.84	
639	3/11/2010 7:01	10.88	45.83	29.60		7.97	4.6	2.90	
640	3/11/2010 7:16	10.90	45.99	29.71		8.06	4.6	2.96	
641	3/11/2010 7:31	10.88	46.15	29.82		8.06	4.8	2.99	
642	3/11/2010 7:46	10.92	46.41	30.01		8.06	4.5	3.06	
643	3/11/2010 8:01	10.98	46.85	30.33		8.05	4.6	3.10	
644	3/11/2010 8:16	10.97	46.76	30.26		8.00	4.3	3.12	
645	3/11/2010 8:31	10.97	46.77	30.27		8.00	3.5	3.13	
646	3/11/2010 8:46	10.96	46.59	30.14		8.04	3.7	3.15	
647	3/11/2010 9:01	10.98	46.85	30.33		8.04	3.6	3.14	
648	3/11/2010 9:16	10.90	46.65	30.18		8.05	3.8	3.12	
649	3/11/2010 9:31	10.98	46.57	30.13		8.04	3.8	3.10	
650	3/11/2010 9:46	10.68	44.97	28.96		8.06	3.8	3.05	
651	3/11/2010 10:01	10.76	44.68	28.76		8.05	4.1	3.00	
652	3/11/2010 10:16	10.78	44.67	28.76		7.96	4.6	2.94	
653	3/11/2010 10:31	10.77	44.67	28.76		7.97	5.1	2.86	
654	3/11/2010 10:46	10.71	44.15	28.39		8.06	4.5	2.80	
655	3/11/2010 11:01	10.73	43.83	28.16		7.96	4.8	2.71	
656	3/11/2010 11:16	10.76	43.95	28.25		8.07	4.2	2.63	
657	3/11/2010 11:31	10.77	43.90	28.21		8.07	4.8	2.55	
658	3/11/2010 11:46	10.79	43.74	28.10		8.09	4.6	2.45	
659	3/11/2010 12:01	10.89	43.74	28.10		7.98	5.2	2.36	
660	3/11/2010 12:16	10.83	43.24	27.75		8.09	5.9	2.25	
661	3/11/2010 12:31	10.94	43.17	27.70		8.08	6.3	2.15	
662	3/11/2010 12:46	11.01	43.09	27.64		8.08	6.5	2.05	
663	3/11/2010 13:01	11.12	42.87	27.49		8.01	6.4	1.95	
664	3/11/2010 13:16	11.19	42.93	27.54		8.10	7.2	1.85	
665	3/11/2010 13:31	11.28	42.79	27.45		8.01	7.6	1.73	
666	3/11/2010 13:46	11.28	42.76	27.43		8.11	8.9	1.65	
667	3/11/2010 14:01	11.32	42.63	27.34		8.12	6.8	1.54	
668	3/11/2010 14:16	11.37	42.46	27.22		8.12	7.2	1.47	
669	3/11/2010 14:31	11.40	42.29	27.10		8.12	5.6	1.42	
670	3/11/2010 14:46	11.45	42.27	27.09		8.12	5.5	1.35	
671	3/11/2010 15:01	11.49	42.25	27.07		8.12	5.2	1.30	
672	3/11/2010 15:16	11.52	42.13	26.99		8.12	7.3	1.31	
673	3/11/2010 15:31	11.51	42.28	27.10		8.12	7.0	1.30	
674	3/11/2010 15:46	11.43	42.45	27.21		8.11	6.7	1.30	
675	3/11/2010 16:01	11.41	42.50	27.25		8.12	6.0	1.33	
676	3/11/2010 16:16	11.41	42.43	27.20		8.11	7.3	1.36	
677	3/11/2010 16:31	11.29	42.16	27.00		8.11	5.5	1.44	
678	3/11/2010 16:46	11.23	41.92	26.83		8.10	5.5	1.49	
679	3/11/2010 17:01	11.16	41.93	26.83		8.10	5.2	1.56	
680	3/11/2010 17:16	11.13	41.78	26.73		8.10	5.1	1.63	
681	3/11/2010 17:31	11.12	41.96	26.85		8.09	4.2	1.69	
682	3/11/2010 17:46	11.13	41.62	26.62		8.09	4.3	1.77	
683	3/11/2010 18:01	11.07	41.85	26.77		8.09	4.8	1.85	
684	3/11/2010 18:16	11.08	42.06	26.92		8.09	4.6	1.93	
685	3/11/2010 18:31	11.10	41.98	26.86		8.09	4.8	2.00	
686	3/11/2010 18:46	11.08	42.73	27.40		8.08	4.8	2.07	
687	3/11/2010 19:01	11.02	43.15	27.69		8.08	5.2	2.19	
688	3/11/2010 19:16	11.00	43.34	27.82		7.96	5.6	2.28	

sonde #1		Indian Island Long-Term Deployment Water Quality Data						
Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth
			mS/cm		mg/L		NTU	meters
								DO%
689	3/11/2010 19:31	10.96	43.46	27.91		8.08	5.9	2.35
690	3/11/2010 19:46	10.96	43.80	28.15		7.96	6.3	2.39
691	3/11/2010 20:01	10.95	44.00	28.29		7.96	6.3	2.44
692	3/11/2010 20:16	10.95	44.40	28.57		8.07	7.3	2.55
693	3/11/2010 20:31	10.96	44.45	28.61		8.07	7.9	2.62
694	3/11/2010 20:46	10.98	44.74	28.82		8.07	8.4	2.69
695	3/11/2010 21:01	11.02	44.76	28.84		8.07	9.3	2.71
696	3/11/2010 21:16	11.03	45.15	29.11		8.07	9.2	2.76
697	3/11/2010 21:31	11.05	45.41	29.30		7.98	8.9	2.88
698	3/11/2010 21:46	11.07	45.80	29.58		8.06	7.7	2.87
699	3/11/2010 22:01	11.10	46.00	29.73		7.99	7.4	2.97
700	3/11/2010 22:16	11.11	46.35	29.97		8.06	7.7	2.99
701	3/11/2010 22:31	11.12	46.30	29.94		8.04	4.4	2.95
702	3/11/2010 22:46	11.12	46.59	30.15		8.05	5.2	2.99
703	3/11/2010 23:01	11.10	46.12	29.81		8.04	3.5	2.95
704	3/11/2010 23:16	11.01	45.84	29.61		8.05	5.2	2.95
705	3/11/2010 23:31	11.09	46.00	29.73		8.05	5.9	2.91
706	3/11/2010 23:46	10.99	45.06	29.05		8.05	5.7	2.83
707	3/12/2010 0:01	10.95	44.96	28.97		8.05	5.0	2.76
708	3/12/2010 0:16	10.96	45.04	29.04		8.05	5.5	2.69
709	3/12/2010 0:31	10.93	44.77	28.84		8.04	4.6	2.64
710	3/12/2010 0:46	10.95	44.54	28.68		8.05	6.4	2.56
711	3/12/2010 1:01	10.95	44.42	28.59		8.04	5.7	2.49
712	3/12/2010 1:16	10.95	44.02	28.30		8.04	4.6	2.48
713	3/12/2010 1:31	10.94	43.94	28.25		8.04	4.3	2.40
714	3/12/2010 1:46	10.91	43.73	28.10		8.04	4.4	2.29
715	3/12/2010 2:01	10.89	43.75	28.11		8.04	4.2	2.24
716	3/12/2010 2:16	10.89	43.40	27.86		8.05	3.8	2.21
717	3/12/2010 2:31	10.89	42.97	27.56		8.05	3.5	2.12
718	3/12/2010 2:46	10.89	43.09	27.64		8.04	3.7	2.10
719	3/12/2010 3:01	10.89	42.93	27.53		8.04	3.4	2.08
720	3/12/2010 3:16	10.89	42.86	27.48		8.04	3.3	2.06
721	3/12/2010 3:31	10.90	43.19	27.72		8.03	2.9	2.03
722	3/12/2010 3:46	10.88	42.81	27.44		8.04	2.6	1.98
723	3/12/2010 4:01	10.87	43.04	27.61		8.04	3.4	2.03
724	3/12/2010 4:16	10.87	43.23	27.74		8.05	3.9	2.09
725	3/12/2010 4:31	10.89	43.66	28.05		8.05	4.3	2.13
726	3/12/2010 4:46	10.83	43.13	27.67		8.06	5.9	2.18
727	3/12/2010 5:01	10.87	43.21	27.73		8.05	5.6	2.22
728	3/12/2010 5:16	10.89	43.99	28.28		8.06	5.7	2.28
729	3/12/2010 5:31	10.88	43.92	28.23		8.05	4.9	2.33
730	3/12/2010 5:46	10.87	43.95	28.25		7.95	5.6	2.37
731	3/12/2010 6:01	10.90	44.54	28.67		8.06	5.1	2.44
732	3/12/2010 6:16	10.91	44.66	28.76		8.06	5.1	2.49
733	3/12/2010 6:31	10.92	44.73	28.81		8.06	5.1	2.59
734	3/12/2010 6:46	10.93	44.81	28.87		8.06	5.5	2.64
735	3/12/2010 7:01	10.95	45.14	29.10		8.06	5.2	2.73
736	3/12/2010 7:16	10.98	45.55	29.40		8.06	5.3	2.78
737	3/12/2010 7:31	11.03	45.96	29.70		8.05	7.2	2.86
738	3/12/2010 7:46	11.02	46.02	29.74		8.06	5.7	2.97
739	3/12/2010 8:01	11.03	46.12	29.81		8.06	6.8	3.01
740	3/12/2010 8:16	11.05	46.38	29.99		8.05	7.6	3.08
741	3/12/2010 8:31	11.06	46.58	30.14		8.05	7.0	3.15

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%
742	3/12/2010 8:46	11.05	46.34	29.96		8.00	6.6	3.23	
743	3/12/2010 9:01	11.04	46.79	30.29		8.05	7.1	3.27	
744	3/12/2010 9:16	11.04	46.76	30.27		8.04	5.4	3.28	
745	3/12/2010 9:31	11.05	46.75	30.26		8.04	4.9	3.33	
746	3/12/2010 9:46	11.05	46.79	30.29		8.04	4.6	3.32	
747	3/12/2010 10:01	11.04	46.62	30.17		8.00	5.1	3.26	
748	3/12/2010 10:16	11.05	46.85	30.33		8.04	5.8	3.27	
749	3/12/2010 10:31	11.05	46.63	30.18		8.04	6.8	3.18	
750	3/12/2010 10:46	11.00	46.03	29.74		8.05	4.6	3.14	
751	3/12/2010 11:01	10.98	45.74	29.54		8.05	7.1	3.10	
752	3/12/2010 11:16	10.98	45.57	29.41		8.05	6.3	3.01	
753	3/12/2010 11:31	10.96	45.52	29.37		8.04	5.7	2.91	
754	3/12/2010 11:46	10.93	45.18	29.13		8.04	4.7	2.83	
755	3/12/2010 12:01	10.92	44.93	28.95		8.05	5.4	2.74	
756	3/12/2010 12:16	10.87	44.40	28.57		8.05	4.9	2.65	
757	3/12/2010 12:31	10.86	44.17	28.41		8.05	5.1	2.53	
758	3/12/2010 12:46	10.88	44.11	28.36		8.06	4.2	2.43	
759	3/12/2010 13:01	10.87	43.74	28.10		8.07	5.4	2.35	
760	3/12/2010 13:16	10.88	43.74	28.10		8.06	5.6	2.26	
761	3/12/2010 13:31	10.90	43.79	28.14		8.07	5.2	2.14	
762	3/12/2010 13:46	10.87	43.33	27.81		8.06	5.4	2.06	
763	3/12/2010 14:01	10.87	43.11	27.65		8.07	6.8	1.95	
764	3/12/2010 14:16	10.87	43.04	27.61		8.07	7.2	1.81	
765	3/12/2010 14:31	10.85	42.85	27.47		8.07	8.4	1.76	
766	3/12/2010 14:46	10.88	43.09	27.64		8.08	7.1	1.66	
767	3/12/2010 15:01	10.89	42.56	27.27		8.08	8.7	1.58	
768	3/12/2010 15:16	10.89	42.32	27.10		8.08	8.1	1.51	
769	3/12/2010 15:31	10.90	42.34	27.11		8.08	7.5	1.42	
770	3/12/2010 15:46	10.90	42.40	27.15		8.07	6.5	1.36	
771	3/12/2010 16:01	10.90	42.21	27.02		8.06	6.8	1.37	
772	3/12/2010 16:16	10.88	42.41	27.16		7.97	7.3	1.33	
773	3/12/2010 16:31	10.85	42.63	27.32		8.06	6.7	1.34	
774	3/12/2010 16:46	10.89	42.50	27.23		8.06	7.8	1.35	
775	3/12/2010 17:01	10.89	42.51	27.23		8.07	9.9	1.41	
776	3/12/2010 17:16	10.88	42.23	27.03		8.07	7.6	1.45	
777	3/12/2010 17:31	10.88	41.83	26.75		8.07	7.1	1.54	
778	3/12/2010 17:46	10.86	41.57	26.56		7.94	6.8	1.63	
779	3/12/2010 18:01	10.85	41.31	26.39		7.93	7.9	1.71	
780	3/12/2010 18:16	10.85	41.21	26.31		8.06	8.0	1.81	
781	3/12/2010 18:31	10.84	40.65	25.92		8.06	7.9	1.89	
782	3/12/2010 18:46	10.85	41.16	26.28		8.06	7.4	1.99	
783	3/12/2010 19:01	10.84	41.32	26.39		8.06	6.8	2.05	
784	3/12/2010 19:16	10.84	42.18	27.00		8.06	7.0	2.13	
785	3/12/2010 19:31	10.86	42.78	27.42		8.06	7.3	2.23	
786	3/12/2010 19:46	10.75	42.18	26.99		8.07	6.8	2.32	
787	3/12/2010 20:01	10.73	42.38	27.13		8.07	6.1	2.36	
788	3/12/2010 20:16	10.86	43.24	27.75		7.94	7.3	2.44	
789	3/12/2010 20:31	10.85	43.51	27.94		8.07	7.9	2.52	
790	3/12/2010 20:46	10.87	43.79	28.13		8.06	8.6	2.62	
791	3/12/2010 21:01	10.84	44.05	28.32		8.07	9.5	2.69	
792	3/12/2010 21:16	10.84	44.09	28.35		8.07	8.8	2.73	
793	3/12/2010 21:31	10.83	44.33	28.52		8.07	8.0	2.82	
794	3/12/2010 21:46	10.84	44.37	28.55		8.06	8.1	2.85	

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	
795	3/12/2010 22:01	10.84	44.67	28.76		8.06	7.4	2.94	
796	3/12/2010 22:16	10.85	44.77	28.83		7.98	7.0	2.95	
797	3/12/2010 22:31	10.85	44.89	28.92		8.04	5.0	2.99	
798	3/12/2010 22:46	10.84	44.81	28.86		8.04	4.7	3.01	
799	3/12/2010 23:01	10.86	45.13	29.09		8.04	4.6	3.03	
800	3/12/2010 23:16	10.85	45.06	29.04		8.05	5.9	3.01	
801	3/12/2010 23:31	10.84	45.08	29.06		8.05	9.2	2.97	
802	3/12/2010 23:46	10.65	44.40	28.56		8.04	6.7	2.94	
803	3/13/2010 0:01	10.56	44.52	28.65		8.05	9.1	2.87	
804	3/13/2010 0:16	10.53	44.01	28.28		8.06	8.8	2.83	
805	3/13/2010 0:31	10.54	43.81	28.14		8.06	7.1	2.74	
806	3/13/2010 0:46	10.53	43.97	28.25		7.95	7.0	2.64	
807	3/13/2010 1:01	10.44	42.69	27.34		7.93	9.2	2.60	
808	3/13/2010 1:16	10.35	42.12	26.93		8.05	10.0	2.53	
809	3/13/2010 1:31	10.33	42.01	26.85		8.05	9.8	2.45	
810	3/13/2010 1:46	10.28	41.95	26.80		8.05	9.0	2.38	
811	3/13/2010 2:01	10.24	41.70	26.63		8.04	8.5	2.31	
812	3/13/2010 2:16	10.23	41.79	26.69		8.05	7.0	2.25	
813	3/13/2010 2:31	10.14	41.46	26.45		8.04	7.1	2.16	
814	3/13/2010 2:46	10.09	41.60	26.55		8.04	6.1	2.08	
815	3/13/2010 3:01	10.02	41.54	26.51		8.05	5.9	2.01	
816	3/13/2010 3:16	9.98	41.46	26.45		8.04	5.9	1.96	
817	3/13/2010 3:31	9.99	41.31	26.34		8.04	6.0	1.91	
818	3/13/2010 3:46	10.03	41.19	26.26		8.03	5.1	1.87	
819	3/13/2010 4:01	9.84	40.27	25.60		8.03	5.0	1.86	
820	3/13/2010 4:16	10.11	41.10	26.20		7.90	5.0	1.85	
821	3/13/2010 4:31	9.87	41.11	26.19		8.03	5.7	1.82	
822	3/13/2010 4:46	9.82	40.42	25.71		8.05	5.7	1.87	
823	3/13/2010 5:01	10.07	40.63	25.86		7.89	5.5	1.90	
824	3/13/2010 5:16	10.27	41.33	26.37		8.05	5.3	1.96	
825	3/13/2010 5:31	10.19	41.19	26.27		8.04	6.5	2.01	
826	3/13/2010 5:46	10.30	41.24	26.31		8.04	6.9	2.07	
827	3/13/2010 6:01	10.35	41.55	26.53		8.05	5.9	2.14	
828	3/13/2010 6:16	10.38	41.61	26.57		8.05	7.1	2.22	
829	3/13/2010 6:31	10.35	41.51	26.50		8.05	7.6	2.31	
830	3/13/2010 6:46	10.38	41.64	26.59		8.05	7.6	2.39	
831	3/13/2010 7:01	10.46	42.15	26.96		8.06	8.0	2.45	
832	3/13/2010 7:16	10.48	42.37	27.11		8.06	8.1	2.51	
833	3/13/2010 7:31	10.46	42.17	26.97		8.06	8.4	2.59	
834	3/13/2010 7:46	10.47	42.71	27.36		8.07	8.1	2.66	
835	3/13/2010 8:01	10.48	42.92	27.50		8.06	8.7	2.72	
836	3/13/2010 8:16	10.53	43.21	27.71		8.05	8.8	2.79	
837	3/13/2010 8:31	10.63	44.17	28.39		8.06	7.6	2.86	
838	3/13/2010 8:46	10.70	44.59	28.70		8.07	7.4	2.94	
839	3/13/2010 9:01	10.72	45.03	29.01		8.06	8.1	3.00	
840	3/13/2010 9:16	10.70	45.02	29.01		8.07	7.1	3.07	
841	3/13/2010 9:31	10.73	45.24	29.17		8.06	7.9	3.12	
842	3/13/2010 9:46	10.72	45.38	29.26		8.06	7.6	3.16	
843	3/13/2010 10:01	10.72	45.51	29.35		8.06	6.3	3.20	
844	3/13/2010 10:16	10.72	45.62	29.44		8.06	4.6	3.21	
845	3/13/2010 10:31	10.72	45.58	29.41		8.03	5.8	3.25	
846	3/13/2010 10:46	10.71	45.53	29.37		8.05	5.4	3.24	
847	3/13/2010 11:01	10.72	45.55	29.38		7.97	5.6	3.20	

sonde #1		Indian Island Long-Term Deployment Water Quality Data						
Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth
			mS/cm		mg/L		NTU	meters
								DO%
848	3/13/2010 11:16	10.74	45.23	29.16		8.06	6.1	3.15
849	3/13/2010 11:31	10.80	44.01	28.29		8.06	6.7	3.08
850	3/13/2010 11:46	10.74	44.25	28.46		7.96	9.0	3.00
851	3/13/2010 12:01	10.82	43.46	27.90		7.96	6.7	2.92
852	3/13/2010 12:16	10.83	43.51	27.94		8.07	6.5	2.85
853	3/13/2010 12:31	11.05	42.57	27.28		7.96	6.3	2.75
854	3/13/2010 12:46	11.30	42.14	26.99		7.95	6.2	2.63
855	3/13/2010 13:01	11.40	42.04	26.92		8.07	9.0	2.53
856	3/13/2010 13:16	11.33	41.82	26.76		7.96	8.5	2.45
857	3/13/2010 13:31	11.34	41.92	26.83		8.07	8.6	2.33
858	3/13/2010 13:46	11.46	41.66	26.66		8.09	7.1	2.22
859	3/13/2010 14:01	11.56	41.51	26.55		7.98	6.6	2.09
860	3/13/2010 14:16	11.49	41.40	26.47		8.10	6.1	2.00
861	3/13/2010 14:31	11.48	41.38	26.46		8.11	6.2	1.88
862	3/13/2010 14:46	11.47	41.31	26.41		8.10	5.9	1.77
863	3/13/2010 15:01	11.51	41.00	26.19		7.99	6.2	1.66
864	3/13/2010 15:16	11.58	40.94	26.15		8.02	5.7	1.59
865	3/13/2010 15:31	11.53	40.95	26.15		8.12	6.0	1.48
866	3/13/2010 15:46	11.48	40.86	26.09		8.14	6.0	1.40
867	3/13/2010 16:01	11.42	40.85	26.08		8.12	5.4	1.34
868	3/13/2010 16:16	11.49	40.76	26.02		8.13	5.3	1.29
869	3/13/2010 16:31	11.73	40.65	25.95		8.12	5.1	1.27
870	3/13/2010 16:46	11.35	40.84	26.07		8.11	5.1	1.27
871	3/13/2010 17:01	11.26	41.00	26.18		8.10	4.7	1.29
872	3/13/2010 17:16	11.27	40.89	26.11		8.11	5.0	1.35
873	3/13/2010 17:31	11.36	40.87	26.09		8.12	4.8	1.38
874	3/13/2010 17:46	11.30	40.40	25.76		8.11	5.3	1.45
875	3/13/2010 18:01	11.31	40.63	25.92		8.11	5.2	1.52
876	3/13/2010 18:16	11.30	40.25	25.65		8.10	6.0	1.60
877	3/13/2010 18:31	11.27	40.44	25.78		8.09	6.7	1.68
878	3/13/2010 18:46	11.29	40.17	25.60		8.09	6.2	1.76
879	3/13/2010 19:01	11.30	40.39	25.75		8.09	5.7	1.86
880	3/13/2010 19:16	11.20	40.43	25.78		8.07	6.5	1.95
881	3/13/2010 19:31	11.13	40.19	25.61		7.91	6.7	2.03
882	3/13/2010 19:46	11.07	41.19	26.30		8.06	6.3	2.11
883	3/13/2010 20:01	11.06	41.46	26.50		8.06	7.1	2.20
884	3/13/2010 20:16	11.07	41.89	26.80		8.07	6.9	2.28
885	3/13/2010 20:31	11.07	42.22	27.04		8.07	6.7	2.37
886	3/13/2010 20:46	11.06	42.17	27.00		8.07	7.4	2.45
887	3/13/2010 21:01	11.04	42.33	27.11		8.07	8.2	2.53
888	3/13/2010 21:16	11.02	42.58	27.29		7.92	10.3	2.60
889	3/13/2010 21:31	11.01	42.83	27.46		8.07	9.9	2.67
890	3/13/2010 21:46	11.01	42.77	27.42		7.93	11.3	2.76
891	3/13/2010 22:01	11.00	43.34	27.82		8.07	13.9	2.83
892	3/13/2010 22:16	10.98	43.51	27.94		8.07	14.6	2.89
893	3/13/2010 22:31	11.02	43.73	28.10		7.96	12.2	2.96
894	3/13/2010 22:46	11.05	44.65	28.76		8.07	9.3	3.00
895	3/13/2010 23:01	11.05	44.86	28.91		8.07	7.6	3.05
896	3/13/2010 23:16	11.00	44.62	28.73		8.06	5.5	3.07
897	3/13/2010 23:31	11.06	44.89	28.93		8.07	7.4	3.08
898	3/13/2010 23:46	11.06	45.18	29.14		8.06	6.3	3.06
899	3/14/2010 0:01	11.04	45.03	29.03		8.06	7.0	3.04
900	3/14/2010 0:16	10.94	44.01	28.30		8.06	7.0	2.98

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	3/14/2010 0:31	10.92	43.41	27.87		8.06	7.7	2.91	
902	3/14/2010 0:46	10.87	42.71	27.38		8.06	15.5	2.83	
903	3/14/2010 1:01	10.87	42.63	27.31		8.06	12.5	2.76	
904	3/14/2010 1:16	10.81	42.07	26.92		8.05	9.8	2.66	
905	3/14/2010 1:31	10.59	41.58	26.56		7.91	8.4	2.56	
906	3/14/2010 1:46	10.59	41.72	26.66		7.91	6.2	2.50	
907	3/14/2010 2:01	10.55	41.42	26.44		8.06	6.8	2.41	
908	3/14/2010 2:16	10.44	40.63	25.89		7.90	8.2	2.32	
909	3/14/2010 2:31	10.37	40.67	25.91		7.90	6.5	2.22	
910	3/14/2010 2:46	10.38	40.69	25.92		8.06	6.0	2.14	
911	3/14/2010 3:01	10.39	40.40	25.72		8.06	6.1	2.06	
912	3/14/2010 3:16	10.35	40.09	25.50		8.06	5.6	1.98	
913	3/14/2010 3:31	10.28	40.10	25.51		8.06	5.0	1.90	
914	3/14/2010 3:46	10.25	40.02	25.45		8.06	5.2	1.84	
915	3/14/2010 4:01	10.25	39.85	25.33		8.06	5.0	1.77	
916	3/14/2010 4:16	10.25	40.11	25.51		8.06	4.5	1.72	
917	3/14/2010 4:31	10.26	39.85	25.33		8.06	3.5	1.71	
918	3/14/2010 4:46	10.31	40.22	25.59		8.05	4.8	1.68	
919	3/14/2010 5:01	10.19	40.01	25.44		8.06	4.5	1.68	
920	3/14/2010 5:16	10.24	40.17	25.55		8.06	4.6	1.69	
921	3/14/2010 5:31	10.27	39.95	25.40		8.07	4.8	1.74	
922	3/14/2010 5:46	10.29	40.04	25.46		8.07	4.8	1.79	
923	3/14/2010 6:01	10.32	39.69	25.22		8.06	5.2	1.85	
924	3/14/2010 6:16	10.34	39.54	25.12		8.05	6.2	1.93	
925	3/14/2010 6:31	10.36	39.46	25.06		8.05	6.2	2.00	
926	3/14/2010 6:46	10.40	39.55	25.13		8.05	5.9	2.08	
927	3/14/2010 7:01	10.46	39.93	25.40		8.05	6.7	2.16	
928	3/14/2010 7:16	10.49	40.01	25.45		8.05	5.9	2.24	
929	3/14/2010 7:31	10.54	40.57	25.85		8.05	6.2	2.32	
930	3/14/2010 7:46	10.57	40.63	25.89		8.06	6.3	2.37	
931	3/14/2010 8:01	10.64	41.55	26.54		7.90	5.6	2.45	
932	3/14/2010 8:16	10.60	41.77	26.70		8.07	6.1	2.53	
933	3/14/2010 8:31	10.56	41.94	26.82		8.07	6.5	2.60	
934	3/14/2010 8:46	10.55	41.45	26.46		8.07	6.3	2.67	
935	3/14/2010 9:01	10.63	42.15	26.96		8.07	6.6	2.76	
936	3/14/2010 9:16	10.72	42.74	27.39		8.07	6.2	2.83	
937	3/14/2010 9:31	10.83	43.89	28.20		8.07	6.8	2.89	
938	3/14/2010 9:46	10.83	44.74	28.81		8.08	10.3	2.97	
939	3/14/2010 10:01	10.81	44.85	28.89		8.08	10.6	3.04	
940	3/14/2010 10:16	10.81	45.05	29.04		8.08	10.0	3.11	
941	3/14/2010 10:31	10.79	45.40	29.28		8.08	10.1	3.15	
942	3/14/2010 10:46	10.80	45.74	29.52		8.08	8.0	3.19	
943	3/14/2010 11:01	10.79	45.75	29.53		8.08	5.4	3.22	
944	3/14/2010 11:16	10.80	45.63	29.45		7.96	5.9	3.21	
945	3/14/2010 11:31	10.84	45.65	29.46		8.08	5.9	3.20	
946	3/14/2010 11:46	10.89	44.98	28.99		8.08	6.1	3.17	
947	3/14/2010 12:01	10.97	44.51	28.66		8.09	8.0	3.10	
948	3/14/2010 12:16	11.14	43.61	28.03		8.08	5.7	3.03	
949	3/14/2010 12:31	11.07	43.63	28.03		8.08	7.7	2.95	
950	3/14/2010 12:46	11.12	43.47	27.92		8.08	6.7	2.86	
951	3/14/2010 13:01	11.31	42.89	27.52		8.09	7.8	2.75	
952	3/14/2010 13:16	11.48	42.21	27.05		8.09	5.2	2.65	
953	3/14/2010 13:31	11.57	42.09	26.96		8.09	4.9	2.55	

sonde #1		Indian Island Long-Term Deployment Water Quality Data						
Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth
			mS/cm		mg/L		NTU	meters
								DO%
954	3/14/2010 13:46	11.68	41.69	26.69		8.08	6.1	2.44
955	3/14/2010 14:01	11.48	41.42	26.49		8.09	8.4	2.34
956	3/14/2010 14:16	11.49	40.90	26.12		7.96	5.1	2.23
957	3/14/2010 14:31	11.62	41.15	26.30		7.96	5.2	2.12
958	3/14/2010 14:46	11.63	40.87	26.10		8.10	5.7	2.01
959	3/14/2010 15:01	11.73	40.71	25.99		8.11	5.3	1.90
960	3/14/2010 15:16	11.80	40.51	25.85		7.99	5.0	1.78
961	3/14/2010 15:31	11.78	40.40	25.78		7.99	4.6	1.68
962	3/14/2010 15:46	11.91	40.21	25.65		8.02	4.0	1.58
963	3/14/2010 16:01	11.94	40.22	25.66		8.15	4.0	1.50
964	3/14/2010 16:16	11.99	40.09	25.56		8.16	4.4	1.41
965	3/14/2010 16:31	11.90	39.90	25.43		8.16	3.8	1.36
966	3/14/2010 16:46	11.91	39.92	25.44		8.03	3.0	1.31
967	3/14/2010 17:01	11.90	39.85	25.40		8.14	2.9	1.30
968	3/14/2010 17:16	11.90	40.02	25.51		8.02	3.5	1.31
969	3/14/2010 17:31	11.91	40.25	25.68		8.15	3.5	1.34
970	3/14/2010 17:46	11.75	40.01	25.50		8.14	3.4	1.38
971	3/14/2010 18:01	11.70	39.92	25.43		8.00	3.2	1.43
972	3/14/2010 18:16	11.65	39.28	24.98		7.98	4.0	1.51
973	3/14/2010 18:31	11.61	38.85	24.68		8.11	5.2	1.59
974	3/14/2010 18:46	11.58	39.18	24.91		8.11	5.1	1.68
975	3/14/2010 19:01	11.58	39.21	24.93		8.11	4.7	1.76
976	3/14/2010 19:16	11.54	39.25	24.96		7.94	5.1	1.85
977	3/14/2010 19:31	11.45	39.91	25.42		8.10	5.4	1.94
978	3/14/2010 19:46	11.39	39.94	25.44		8.09	5.6	2.03
979	3/14/2010 20:01	11.33	40.66	25.94		8.09	5.2	2.13
980	3/14/2010 20:16	11.31	40.90	26.11		8.09	5.4	2.21
981	3/14/2010 20:31	11.36	41.47	26.52		8.09	5.7	2.30
982	3/14/2010 20:46	11.34	41.30	26.39		8.09	5.3	2.40
983	3/14/2010 21:01	11.32	42.22	27.05		8.09	7.0	2.48
984	3/14/2010 21:16	11.31	42.34	27.13		8.09	7.2	2.56
985	3/14/2010 21:31	11.26	42.67	27.36		8.09	8.7	2.63
986	3/14/2010 21:46	11.23	42.90	27.52		8.09	8.7	2.72
987	3/14/2010 22:01	11.21	43.00	27.59		8.10	8.7	2.79
988	3/14/2010 22:16	11.22	43.60	28.02		8.10	10.3	2.86
989	3/14/2010 22:31	11.21	44.36	28.56		8.10	17.9	2.93
990	3/14/2010 22:46	11.22	45.15	29.12		8.11	15.0	3.01
991	3/14/2010 23:01	11.22	45.53	29.40		8.12	10.4	3.08
992	3/14/2010 23:16	11.21	45.53	29.40		8.12	8.2	3.12
993	3/14/2010 23:31	11.23	45.79	29.58		8.10	7.8	3.16
994	3/14/2010 23:46	11.23	45.87	29.64		8.10	4.8	3.18
995	3/15/2010 0:01	11.24	45.77	29.57		8.10	4.8	3.18
996	3/15/2010 0:16	11.25	46.03	29.75		8.11	6.3	3.15
997	3/15/2010 0:31	11.10	44.98	28.99		8.12	8.9	3.11
998	3/15/2010 0:46	11.14	44.35	28.55		8.11	8.9	3.04
999	3/15/2010 1:01	11.14	44.19	28.43		8.10	6.8	2.97
1000	3/15/2010 1:16	11.16	44.04	28.33		8.09	11.0	2.87
1001	3/15/2010 1:31	11.01	42.65	27.33		8.08	12.7	2.76
1002	3/15/2010 1:46	11.02	42.74	27.40		8.08	7.8	2.68
1003	3/15/2010 2:01	10.99	42.45	27.19		8.07	5.7	2.59
1004	3/15/2010 2:16	10.97	42.36	27.13		8.07	5.9	2.47
1005	3/15/2010 2:31	10.96	41.92	26.81		8.08	7.3	2.38
1006	3/15/2010 2:46	10.91	41.69	26.65		8.07	5.5	2.28

sonde #1		Indian Island Long-Term Deployment Water Quality Data						
Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth
			mS/cm		mg/L		NTU	meters
								DO%
1007	3/15/2010 3:01	10.94	40.70	25.96		8.08	6.5	2.19
1008	3/15/2010 3:16	10.85	40.99	26.15		8.08	5.1	2.08
1009	3/15/2010 3:31	10.81	40.29	25.66		8.08	4.9	1.98
1010	3/15/2010 3:46	10.80	40.22	25.61		8.07	4.5	1.89
1011	3/15/2010 4:01	10.75	40.26	25.64		8.08	4.4	1.79
1012	3/15/2010 4:16	10.75	40.00	25.45		8.09	3.9	1.72
1013	3/15/2010 4:31	10.76	39.85	25.35		8.09	3.7	1.65
1014	3/15/2010 4:46	10.74	39.72	25.26		8.09	3.5	1.59
1015	3/15/2010 5:01	10.72	39.82	25.33		8.08	2.6	1.56
1016	3/15/2010 5:16	10.71	39.62	25.19		8.08	2.1	1.53
1017	3/15/2010 5:31	10.90	40.07	25.52		8.08	3.5	1.52
1018	3/15/2010 5:46	10.93	40.20	25.60		8.08	3.8	1.51
1019	3/15/2010 6:01	10.76	39.93	25.41		8.09	3.8	1.56
1020	3/15/2010 6:16	10.70	39.95	25.42		8.08	4.0	1.61
1021	3/15/2010 6:31	10.74	39.96	25.43		7.97	3.8	1.67
1022	3/15/2010 6:46	10.70	38.97	24.73		8.08	4.6	1.77
1023	3/15/2010 7:01	10.75	39.08	24.81		8.07	4.5	1.84
1024	3/15/2010 7:16	10.77	38.87	24.67		7.88	4.8	1.93
1025	3/15/2010 7:31	10.81	39.08	24.82		8.08	4.9	2.02
1026	3/15/2010 7:46	10.87	39.90	25.39		8.08	5.1	2.10
1027	3/15/2010 8:01	10.90	40.34	25.70		8.08	4.9	2.19
1028	3/15/2010 8:16	11.01	41.25	26.35		8.08	4.9	2.26
1029	3/15/2010 8:31	11.05	42.13	26.97		8.08	5.8	2.35
1030	3/15/2010 8:46	11.04	41.94	26.84		8.09	4.8	2.42
1031	3/15/2010 9:01	11.03	42.24	27.04		8.09	5.6	2.50
1032	3/15/2010 9:16	11.06	43.03	27.61		8.09	7.3	2.58
1033	3/15/2010 9:31	11.06	43.24	27.75		8.10	6.9	2.66
1034	3/15/2010 9:46	11.09	43.33	27.82		8.10	7.7	2.74
1035	3/15/2010 10:01	11.09	43.81	28.17		8.10	8.4	2.81
1036	3/15/2010 10:16	11.10	43.94	28.26		8.10	8.1	2.88
1037	3/15/2010 10:31	11.08	44.32	28.53		8.11	10.1	2.96
1038	3/15/2010 10:46	11.06	44.90	28.94		8.11	11.4	3.03
1039	3/15/2010 11:01	11.05	45.36	29.27		8.11	12.0	3.08
1040	3/15/2010 11:16	11.06	45.53	29.38		8.11	10.3	3.14
1041	3/15/2010 11:31	11.07	45.92	29.67		8.11	8.3	3.20
1042	3/15/2010 11:46	11.08	45.89	29.65		8.11	5.7	3.22
1043	3/15/2010 12:01	11.09	45.90	29.65		8.10	5.1	3.23
1044	3/15/2010 12:16	11.08	46.11	29.80		8.10	7.3	3.20
1045	3/15/2010 12:31	11.17	45.82	29.60		8.11	7.5	3.18
1046	3/15/2010 12:46	11.37	45.05	29.06		8.05	6.8	3.10
1047	3/15/2010 13:01	11.60	43.96	28.29		8.11	8.9	3.01
1048	3/15/2010 13:16	11.71	43.65	28.08		7.99	6.0	2.92
1049	3/15/2010 13:31	11.49	43.79	28.16		8.10	8.7	2.83
1050	3/15/2010 13:46	11.79	43.18	27.75		8.12	5.4	2.72
1051	3/15/2010 14:01	11.97	42.74	27.44		8.12	4.2	2.62
1052	3/15/2010 14:16	11.98	42.52	27.28		8.13	4.5	2.51
1053	3/15/2010 14:31	12.00	42.20	27.05		8.12	5.7	2.40
1054	3/15/2010 14:46	12.14	41.71	26.71		8.11	7.0	2.29
1055	3/15/2010 15:01	12.06	41.29	26.41		8.12	4.8	2.21
1056	3/15/2010 15:16	12.25	40.89	26.14		8.14	4.2	2.09
1057	3/15/2010 15:31	12.51	41.12	26.31		8.15	4.0	1.99
1058	3/15/2010 15:46	12.36	40.81	26.08		8.15	4.1	1.87
1059	3/15/2010 16:01	12.41	40.61	25.95		8.16	4.2	1.78

sonde #1		Indian Island Long-Term Deployment Water Quality Data						
Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth
			mS/cm		mg/L		NTU	meters
1060	3/15/2010 16:16	12.53	40.59	25.93		8.17	3.7	1.68
1061	3/15/2010 16:31	12.64	40.38	25.79		8.19	3.2	1.58
1062	3/15/2010 16:46	12.62	40.34	25.76		8.13	3.0	1.52
1063	3/15/2010 17:01	12.57	40.11	25.60		8.19	3.0	1.44
1064	3/15/2010 17:16	12.57	40.20	25.66		8.18	2.8	1.40
1065	3/15/2010 17:31	12.54	40.06	25.56		8.12	1.8	1.40
1066	3/15/2010 17:46	12.55	40.03	25.54		8.18	2.7	1.40
1067	3/15/2010 18:01	12.54	40.14	25.62		8.19	3.1	1.43
1068	3/15/2010 18:16	12.50	40.17	25.64		8.18	3.1	1.47
1069	3/15/2010 18:31	12.41	40.18	25.64		8.18	2.8	1.53
1070	3/15/2010 18:46	12.42	38.88	24.73		8.15	4.2	1.60
1071	3/15/2010 19:01	12.38	39.14	24.91		8.14	4.5	1.69
1072	3/15/2010 19:16	12.34	39.42	25.10		8.14	4.3	1.79
1073	3/15/2010 19:31	12.32	39.33	25.04		8.14	4.5	1.86
1074	3/15/2010 19:46	12.26	39.08	24.87		8.13	4.5	1.96
1075	3/15/2010 20:01	12.19	39.84	25.40		8.12	4.8	2.03
1076	3/15/2010 20:16	12.07	40.60	25.93		8.11	4.5	2.12
1077	3/15/2010 20:31	11.90	41.60	26.63		8.11	5.4	2.23
1078	3/15/2010 20:46	11.89	41.68	26.69		8.11	4.8	2.29
1079	3/15/2010 21:01	11.92	42.06	26.96		8.12	5.0	2.40
1080	3/15/2010 21:16	11.89	42.39	27.19		8.12	6.5	2.47
1081	3/15/2010 21:31	11.86	42.55	27.30		8.11	8.1	2.55
1082	3/15/2010 21:46	11.80	42.80	27.47		7.95	8.5	2.67
1083	3/15/2010 22:01	11.75	43.22	27.77		8.11	9.5	2.72
1084	3/15/2010 22:16	11.69	43.48	27.95		7.96	8.7	2.82
1085	3/15/2010 22:31	11.66	43.82	28.19		7.95	10.9	2.93
1086	3/15/2010 22:46	11.62	44.60	28.75		8.11	12.5	3.00
1087	3/15/2010 23:01	11.59	45.12	29.12		8.11	12.2	3.05
1088	3/15/2010 23:16	11.58	45.41	29.33		8.11	12.3	3.16
1089	3/15/2010 23:31	11.57	45.68	29.52		7.99	10.0	3.20
1090	3/15/2010 23:46	11.57	45.81	29.61		7.99	8.5	3.24
1091	3/16/2010 0:01	11.57	46.02	29.76		8.11	5.4	3.26
1092	3/16/2010 0:16	11.58	46.03	29.77		8.12	7.2	3.30
1093	3/16/2010 0:31	11.57	46.12	29.84		8.11	6.3	3.28
1094	3/16/2010 0:46	11.58	46.16	29.86		8.05	7.4	3.23
1095	3/16/2010 1:01	11.51	45.00	29.03		8.12	8.3	3.18
1096	3/16/2010 1:16	11.49	43.60	28.03		8.10	7.8	3.10
1097	3/16/2010 1:31	11.60	44.02	28.34		8.10	7.6	3.03
1098	3/16/2010 1:46	11.61	43.70	28.11		8.10	8.1	2.95
1099	3/16/2010 2:01	11.58	43.06	27.65		7.95	8.2	2.84
1100	3/16/2010 2:16	11.52	42.98	27.59		7.94	6.0	2.74
1101	3/16/2010 2:31	11.54	42.73	27.42		8.09	5.2	2.66
1102	3/16/2010 2:46	11.54	42.90	27.54		8.09	5.1	2.52
1103	3/16/2010 3:01	11.54	42.56	27.30		8.09	5.4	2.42
1104	3/16/2010 3:16	11.54	42.27	27.09		7.94	5.7	2.32
1105	3/16/2010 3:31	11.65	41.57	26.60		8.10	5.6	2.20
1106	3/16/2010 3:46	11.55	41.82	26.77		8.10	5.4	2.07
1107	3/16/2010 4:01	11.53	41.45	26.51		8.00	5.2	1.97
1108	3/16/2010 4:16	11.64	40.48	25.83		8.10	5.9	1.89
1109	3/16/2010 4:31	11.65	40.32	25.72		7.94	5.2	1.80
1110	3/16/2010 4:46	11.62	40.28	25.69		7.94	4.5	1.67
1111	3/16/2010 5:01	11.65	40.23	25.65		8.10	4.4	1.62
1112	3/16/2010 5:16	11.67	40.18	25.62		8.10	3.8	1.55

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	
1113	3/16/2010 5:31	11.68	40.09	25.56		8.10	3.4	1.49	
1114	3/16/2010 5:46	11.70	39.78	25.34		7.96	2.4	1.44	
1115	3/16/2010 6:01	11.69	40.02	25.51		8.09	3.5	1.43	
1116	3/16/2010 6:16	11.83	40.45	25.81		8.10	3.5	1.45	
1117	3/16/2010 6:31	11.71	40.37	25.76		8.10	3.8	1.48	
1118	3/16/2010 6:46	11.65	40.28	25.69		8.09	4.2	1.51	
1119	3/16/2010 7:01	11.66	40.44	25.80		8.10	4.0	1.60	
1120	3/16/2010 7:16	11.64	39.94	25.45		7.99	5.1	1.68	
1121	3/16/2010 7:31	11.66	39.43	25.09		7.99	4.9	1.77	
1122	3/16/2010 7:46	11.69	40.11	25.57		8.09	4.5	1.85	
1123	3/16/2010 8:01	11.68	39.37	25.05		7.92	4.3	1.94	
1124	3/16/2010 8:16	11.68	40.09	25.55		8.09	4.5	2.02	
1125	3/16/2010 8:31	11.67	40.37	25.75		8.09	4.5	2.10	
1126	3/16/2010 8:46	11.67	41.39	26.47		8.09	4.6	2.19	
1127	3/16/2010 9:01	11.68	41.51	26.55		8.10	4.3	2.27	
1128	3/16/2010 9:16	11.69	41.72	26.71		7.94	4.6	2.37	
1129	3/16/2010 9:31	11.71	42.22	27.06		8.10	4.8	2.44	
1130	3/16/2010 9:46	11.69	42.47	27.24		8.10	5.3	2.51	
1131	3/16/2010 10:01	11.63	42.97	27.59		8.10	6.0	2.60	
1132	3/16/2010 10:16	11.60	42.98	27.59		8.10	5.6	2.67	
1133	3/16/2010 10:31	11.57	43.29	27.82		8.11	6.7	2.75	
1134	3/16/2010 10:46	11.53	43.46	27.93		8.11	7.3	2.84	
1135	3/16/2010 11:01	11.51	43.54	27.99		8.10	7.9	2.89	
1136	3/16/2010 11:16	11.50	43.72	28.12		8.10	7.9	2.99	
1137	3/16/2010 11:31	11.47	44.19	28.45		8.11	8.8	3.06	
1138	3/16/2010 11:46	11.42	44.72	28.83		8.11	9.3	3.11	
1139	3/16/2010 12:01	11.40	44.92	28.96		8.11	7.0	3.13	
1140	3/16/2010 12:16	11.39	45.18	29.15		8.11	5.8	3.17	
1141	3/16/2010 12:31	11.40	45.19	29.16		8.10	5.7	3.17	
1142	3/16/2010 12:46	11.39	45.17	29.14		8.11	6.7	3.17	
1143	3/16/2010 13:01	11.39	45.13	29.12		8.11	8.2	3.13	
1144	3/16/2010 13:16	11.57	44.04	28.34		8.11	4.5	3.10	
1145	3/16/2010 13:31	11.59	43.58	28.02		8.11	4.8	3.01	
1146	3/16/2010 13:46	11.62	43.45	27.93		8.11	6.4	2.93	
1147	3/16/2010 14:01	11.74	42.84	27.50		8.11	4.2	2.84	
1148	3/16/2010 14:16	11.77	42.58	27.32		8.11	5.6	2.75	
1149	3/16/2010 14:31	11.81	42.20	27.05		8.11	7.5	2.63	
1150	3/16/2010 14:46	11.85	42.29	27.11		8.12	4.2	2.54	
1151	3/16/2010 15:01	11.87	42.06	26.95		8.12	4.2	2.44	
1152	3/16/2010 15:16	11.92	41.85	26.81		8.12	3.6	2.37	
1153	3/16/2010 15:31	11.94	41.17	26.32		8.12	3.8	2.25	
1154	3/16/2010 15:46	11.99	41.22	26.36		8.13	3.7	2.17	
1155	3/16/2010 16:01	12.02	40.76	26.04		8.13	4.2	2.04	
1156	3/16/2010 16:16	12.14	41.15	26.32		8.16	3.7	1.95	
1157	3/16/2010 16:31	12.14	40.65	25.97		8.15	3.4	1.86	
1158	3/16/2010 16:46	12.21	40.72	26.02		8.17	3.2	1.75	
1159	3/16/2010 17:01	12.24	40.36	25.76		8.17	2.9	1.67	
1160	3/16/2010 17:16	12.25	40.29	25.72		8.16	2.9	1.60	
1161	3/16/2010 17:31	12.26	40.17	25.63		8.17	2.5	1.58	
1162	3/16/2010 17:46	12.26	40.18	25.64		8.16	2.2	1.52	
1163	3/16/2010 18:01	12.24	40.24	25.68		8.16	1.4	1.51	
1164	3/16/2010 18:16	12.24	40.24	25.68		8.16	2.1	1.51	
1165	3/16/2010 18:31	12.20	40.27	25.70		8.16	2.2	1.53	

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	
1166	3/16/2010 18:46	12.20	40.32	25.74		8.17	2.7	1.60	
1167	3/16/2010 19:01	12.16	40.36	25.76		8.16	3.1	1.65	
1168	3/16/2010 19:16	12.10	40.32	25.73		8.15	3.3	1.69	
1169	3/16/2010 19:31	12.03	39.26	24.99		8.13	3.7	1.80	
1170	3/16/2010 19:46	12.02	39.65	25.26		8.13	3.4	1.87	
1171	3/16/2010 20:01	11.99	39.54	25.18		8.12	3.4	1.95	
1172	3/16/2010 20:16	11.98	39.99	25.49		8.12	3.8	2.06	
1173	3/16/2010 20:31	11.94	40.47	25.83		8.12	3.7	2.12	
1174	3/16/2010 20:46	11.90	40.72	26.01		8.11	3.9	2.23	
1175	3/16/2010 21:01	11.85	41.46	26.53		8.11	4.2	2.31	
1176	3/16/2010 21:16	11.83	41.69	26.69		8.11	4.1	2.40	
1177	3/16/2010 21:31	11.82	42.06	26.95		8.11	4.3	2.47	
1178	3/16/2010 21:46	11.78	42.37	27.17		8.11	5.3	2.58	
1179	3/16/2010 22:01	11.73	42.63	27.35		8.11	5.6	2.65	
1180	3/16/2010 22:16	11.67	43.02	27.63		8.11	8.1	2.75	
1181	3/16/2010 22:31	11.63	43.16	27.72		7.96	8.8	2.84	
1182	3/16/2010 22:46	11.59	43.59	28.03		8.11	8.9	2.91	
1183	3/16/2010 23:01	11.55	43.89	28.24		8.03	10.4	3.00	
1184	3/16/2010 23:16	11.51	43.74	28.13		8.11	10.0	3.07	
1185	3/16/2010 23:31	11.45	44.34	28.55		7.97	12.5	3.14	
1186	3/16/2010 23:46	11.40	44.86	28.93		8.12	13.2	3.22	
1187	3/17/2010 0:01	11.37	45.15	29.13		8.13	11.8	3.26	
1188	3/17/2010 0:16	11.36	45.17	29.15		8.13	8.8	3.30	
1189	3/17/2010 0:31	11.35	45.37	29.29		8.13	8.1	3.34	
1190	3/17/2010 0:46	11.37	45.18	29.15		8.12	5.2	3.32	
1191	3/17/2010 1:01	11.35	45.60	29.45		8.13	8.1	3.29	
1192	3/17/2010 1:16	11.32	43.44	27.91		8.11	9.1	3.25	
1193	3/17/2010 1:31	11.36	43.83	28.19		8.11	8.5	3.19	
1194	3/17/2010 1:46	11.37	43.76	28.14		8.11	8.9	3.11	
1195	3/17/2010 2:01	11.42	43.86	28.21		8.11	12.1	3.01	
1196	3/17/2010 2:16	11.41	43.06	27.64		8.10	7.1	2.90	
1197	3/17/2010 2:31	11.35	42.54	27.27		8.09	8.7	2.82	
1198	3/17/2010 2:46	11.36	42.51	27.25		8.09	6.0	2.73	
1199	3/17/2010 3:01	11.38	42.63	27.33		8.09	6.8	2.61	
1200	3/17/2010 3:16	11.40	42.33	27.12		7.94	6.5	2.49	
1201	3/17/2010 3:31	11.37	42.40	27.17		8.09	6.3	2.36	
1202	3/17/2010 3:46	11.44	41.75	26.72		7.94	6.0	2.28	
1203	3/17/2010 4:01	11.34	41.66	26.65		7.93	6.2	2.16	
1204	3/17/2010 4:16	11.35	41.43	26.48		8.09	6.1	2.03	
1205	3/17/2010 4:31	11.28	41.17	26.30		8.10	6.2	1.91	
1206	3/17/2010 4:46	11.24	40.72	25.98		8.10	6.2	1.81	
1207	3/17/2010 5:01	11.16	40.79	26.03		8.10	5.5	1.70	
1208	3/17/2010 5:16	11.18	40.61	25.90		8.11	5.2	1.58	
1209	3/17/2010 5:31	11.20	40.57	25.87		8.01	5.2	1.50	
1210	3/17/2010 5:46	11.19	40.43	25.78		8.10	4.8	1.40	
1211	3/17/2010 6:01	11.22	40.38	25.74		8.10	4.4	1.35	
1212	3/17/2010 6:16	11.24	40.15	25.58		8.11	4.0	1.29	
1213	3/17/2010 6:31	11.25	40.11	25.55		8.11	2.6	1.31	
1214	3/17/2010 6:46	11.20	40.07	25.52		8.11	3.2	1.29	
1215	3/17/2010 7:01	11.18	40.33	25.70		8.11	3.8	1.34	
1216	3/17/2010 7:16	11.20	40.26	25.66		8.10	3.5	1.37	
1217	3/17/2010 7:31	11.24	40.44	25.79		8.10	3.9	1.43	
1218	3/17/2010 7:46	11.27	40.20	25.62		8.10	3.8	1.53	

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	
1219	3/17/2010 8:01	11.21	39.76	25.31		8.09	4.4	1.60	
1220	3/17/2010 8:16	11.25	39.93	25.43		8.09	4.2	1.65	
1221	3/17/2010 8:31	11.22	39.60	25.19		8.09	4.6	1.75	
1222	3/17/2010 8:46	11.26	39.62	25.21		8.09	4.2	1.84	
1223	3/17/2010 9:01	11.30	39.85	25.38		8.09	4.5	1.93	
1224	3/17/2010 9:16	11.31	39.97	25.46		8.08	4.3	2.00	
1225	3/17/2010 9:31	11.36	40.74	26.00		8.09	4.4	2.09	
1226	3/17/2010 9:46	11.42	41.42	26.48		8.09	4.3	2.19	
1227	3/17/2010 10:01	11.46	41.99	26.89		8.00	4.6	2.25	
1228	3/17/2010 10:16	11.49	41.78	26.74		8.10	4.6	2.34	
1229	3/17/2010 10:31	11.49	41.91	26.83		7.94	5.2	2.41	
1230	3/17/2010 10:46	11.50	42.43	27.20		8.10	5.4	2.50	
1231	3/17/2010 11:01	11.54	42.41	27.19		8.00	6.2	2.59	
1232	3/17/2010 11:16	11.51	42.71	27.40		8.01	6.6	2.65	
1233	3/17/2010 11:31	11.48	42.88	27.52		8.10	7.5	2.72	
1234	3/17/2010 11:46	11.42	43.15	27.71		8.11	8.3	2.80	
1235	3/17/2010 12:01	11.42	43.40	27.89		8.11	8.2	2.85	
1236	3/17/2010 12:16	11.37	43.75	28.13		8.11	9.1	2.90	
1237	3/17/2010 12:31	11.28	44.41	28.60		8.11	11.5	2.94	
1238	3/17/2010 12:46	11.25	44.70	28.81		8.11	10.4	2.97	
1239	3/17/2010 13:01	11.25	45.01	29.02		8.03	6.9	3.02	
1240	3/17/2010 13:16	11.29	44.70	28.80		8.10	4.6	3.01	
1241	3/17/2010 13:31	11.39	44.51	28.67		8.11	6.5	3.01	
1242	3/17/2010 13:46	11.55	44.20	28.46		8.11	7.0	2.98	
1243	3/17/2010 14:01	11.69	43.91	28.26		8.11	8.2	2.92	
1244	3/17/2010 14:16	11.82	43.59	28.04		8.11	8.7	2.84	
1245	3/17/2010 14:31	12.05	43.42	27.93		8.13	11.2	2.74	
1246	3/17/2010 14:46	12.13	43.49	27.98		8.13	11.6	2.68	
1247	3/17/2010 15:01	12.23	43.11	27.71		8.13	12.7	2.60	
1248	3/17/2010 15:16	12.33	42.70	27.42		8.13	12.6	2.51	
1249	3/17/2010 15:31	12.43	42.56	27.33		8.13	14.9	2.43	
1250	3/17/2010 15:46	12.46	42.48	27.27		8.14	16.2	2.33	
1251	3/17/2010 16:01	12.44	42.09	26.99		8.13	20.0	2.23	
1252	3/17/2010 16:16	12.44	41.26	26.41		8.14	21.6	2.14	
1253	3/17/2010 16:31	12.54	41.11	26.30		8.01	19.3	2.03	
1254	3/17/2010 16:46	12.52	40.95	26.19		8.15	21.0	1.94	
1255	3/17/2010 17:01	12.56	40.86	26.12		8.16	23.4	1.87	
1256	3/17/2010 17:16	12.60	40.75	26.05		8.17	23.5	1.78	
1257	3/17/2010 17:31	12.61	40.67	26.00		8.04	22.8	1.74	
1258	3/17/2010 17:46	12.60	40.87	26.13		8.17	21.5	1.65	
1259	3/17/2010 18:01	12.60	40.68	26.00		8.17	19.7	1.61	
1260	3/17/2010 18:16	12.60	40.59	25.94		8.18	18.9	1.58	
1261	3/17/2010 18:31	12.61	40.57	25.92		8.10	15.5	1.55	
1262	3/17/2010 18:46	12.59	40.53	25.89		8.16	10.3	1.56	
1263	3/17/2010 19:01	12.58	40.54	25.90		8.17	14.4	1.59	
1264	3/17/2010 19:16	12.54	40.61	25.95		8.17	13.7	1.62	
1265	3/17/2010 19:31	12.52	40.56	25.91		8.17	13.4	1.69	
1266	3/17/2010 19:46	12.53	40.53	25.89		8.16	13.7	1.73	
1267	3/17/2010 20:01	12.50	40.59	25.94		8.16	12.5	1.82	
1268	3/17/2010 20:16	12.52	40.45	25.84		8.05	12.5	1.92	
1269	3/17/2010 20:31	12.49	40.53	25.89		8.14	12.3	2.00	
1270	3/17/2010 20:46	12.43	40.94	26.18		8.12	19.0	2.08	
1271	3/17/2010 21:01	12.33	41.35	26.47		8.12	11.0	2.18	

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	
1272	3/17/2010 21:16	12.32	41.11	26.30		8.12	8.9	2.26	
1273	3/17/2010 21:31	12.23	41.55	26.60		8.12	9.5	2.34	
1274	3/17/2010 21:46	12.14	42.06	26.97		8.12	9.0	2.42	
1275	3/17/2010 22:01	12.04	42.10	26.99		7.97	12.2	2.51	
1276	3/17/2010 22:16	11.91	42.96	27.59		8.12	8.9	2.60	
1277	3/17/2010 22:31	11.81	43.92	28.27		7.97	10.6	2.68	
1278	3/17/2010 22:46	11.76	44.30	28.54		8.12	14.6	2.76	
1279	3/17/2010 23:01	11.71	44.64	28.78		8.12	17.7	2.84	
1280	3/17/2010 23:16	11.70	44.69	28.82		8.11	14.6	2.94	
1281	3/17/2010 23:31	11.64	45.02	29.05		8.11	19.4	3.02	
1282	3/17/2010 23:46	11.56	45.68	29.52		8.11	20.1	3.09	
1283	3/18/2010 0:01	11.52	45.88	29.66		8.10	16.2	3.13	
1284	3/18/2010 0:16	11.50	46.26	29.93		8.11	16.1	3.20	
1285	3/18/2010 0:31	11.48	46.76	30.29		8.11	13.2	3.25	
1286	3/18/2010 0:46	11.47	46.95	30.43		8.11	9.2	3.28	
1287	3/18/2010 1:01	11.45	46.86	30.36		8.11	7.4	3.30	
1288	3/18/2010 1:16	11.49	46.90	30.39		8.11	9.5	3.28	
1289	3/18/2010 1:31	11.47	46.75	30.28		8.11	12.8	3.25	
1290	3/18/2010 1:46	11.49	46.45	30.07		8.11	8.3	3.21	
1291	3/18/2010 2:01	11.53	44.87	28.93		8.11	11.8	3.13	
1292	3/18/2010 2:16	11.55	44.67	28.80		7.97	11.8	3.06	
1293	3/18/2010 2:31	11.60	44.47	28.66		7.97	16.5	2.97	
1294	3/18/2010 2:46	11.64	44.27	28.52		8.10	13.1	2.86	
1295	3/18/2010 3:01	11.69	44.05	28.36		8.10	15.1	2.77	
1296	3/18/2010 3:16	11.76	42.95	27.58		8.10	12.5	2.66	
1297	3/18/2010 3:31	11.74	42.90	27.55		8.10	9.3	2.56	
1298	3/18/2010 3:46	11.71	42.57	27.31		8.10	7.8	2.46	
1299	3/18/2010 4:01	11.72	42.51	27.26		8.10	8.2	2.34	
1300	3/18/2010 4:16	11.75	42.47	27.24		8.10	10.3	2.23	
1301	3/18/2010 4:31	11.75	42.17	27.03		8.10	8.7	2.10	
1302	3/18/2010 4:46	11.76	41.94	26.86		8.10	9.0	2.00	
1303	3/18/2010 5:01	11.69	41.64	26.65		8.10	9.5	1.87	
1304	3/18/2010 5:16	11.74	41.41	26.49		8.10	9.4	1.77	
1305	3/18/2010 5:31	11.73	41.19	26.33		8.02	8.7	1.64	
1306	3/18/2010 5:46	11.80	40.98	26.19		8.11	7.5	1.52	
1307	3/18/2010 6:01	11.80	40.96	26.17		8.11	8.2	1.43	
1308	3/18/2010 6:16	11.83	40.59	25.91		8.11	8.5	1.33	
1309	3/18/2010 6:31	11.84	40.79	26.06		8.11	7.9	1.27	
1310	3/18/2010 6:46	11.83	40.68	25.98		8.11	8.9	1.23	
1311	3/18/2010 7:01	11.83	40.69	25.98		8.11	8.8	1.19	
1312	3/18/2010 7:16	11.81	40.65	25.95		8.10	8.3	1.20	
1313	3/18/2010 7:31	11.82	40.66	25.96		8.11	8.2	1.22	
1314	3/18/2010 7:46	11.83	40.72	26.01		8.11	8.4	1.26	
1315	3/18/2010 8:01	11.84	40.91	26.14		8.11	7.9	1.33	
1316	3/18/2010 8:16	11.83	40.71	26.00		8.11	7.8	1.40	
1317	3/18/2010 8:31	11.83	39.82	25.37		8.10	7.0	1.48	
1318	3/18/2010 8:46	11.84	39.94	25.46		8.01	7.2	1.56	
1319	3/18/2010 9:01	11.85	39.85	25.39		8.10	6.9	1.62	
1320	3/18/2010 9:16	11.85	40.25	25.67		8.10	6.7	1.72	
1321	3/18/2010 9:31	11.88	40.22	25.66		8.10	7.0	1.80	
1322	3/18/2010 9:46	11.87	40.45	25.82		8.10	6.6	1.87	
1323	3/18/2010 10:01	11.86	40.87	26.11		8.10	6.3	1.97	
1324	3/18/2010 10:16	11.84	41.49	26.55		8.10	6.3	2.05	

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	3/18/2010 10:31	11.86	41.74	26.73		8.11	5.6	2.13	
1326	3/18/2010 10:46	11.83	42.46	27.23		8.11	6.0	2.21	
1327	3/18/2010 11:01	11.83	42.60	27.33		8.02	6.0	2.29	
1328	3/18/2010 11:16	11.83	42.77	27.45		8.11	7.4	2.38	
1329	3/18/2010 11:31	11.81	43.17	27.73		8.11	7.8	2.44	
1330	3/18/2010 11:46	11.83	43.36	27.88		8.02	7.9	2.52	
1331	3/18/2010 12:01	11.82	43.64	28.07		8.02	8.9	2.58	
1332	3/18/2010 12:16	11.76	43.77	28.16		8.10	8.6	2.66	
1333	3/18/2010 12:31	11.78	43.98	28.31		8.02	7.5	2.72	
1334	3/18/2010 12:46	11.65	44.34	28.56		8.10	9.9	2.77	
1335	3/18/2010 13:01	11.58	44.63	28.77		7.97	10.4	2.82	
1336	3/18/2010 13:16	11.54	45.33	29.27		8.11	9.5	2.86	
1337	3/18/2010 13:31	11.54	45.31	29.25		8.10	8.8	2.90	
	Mean	11.36	42.89	27.52	8.69	8.05	6.0	2.39	95.0
	Minimum	9.82	38.85	24.67	8.03	7.88	1.0	1.19	85.9
	Maximum	12.64	47.12	30.56	9.25	8.20	23.5	3.69	100.6

DO probe function very poor, with consistent declines in DO concentration over deployment period

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	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
0	3/18/2010 15:01	11.64	45.64	29.49	9.20	8.03	6.5	2.80	102.0
1	3/18/2010 15:16	11.65	45.62	29.48	9.14	8.04	4.5	2.78	101.4
2	3/18/2010 15:31	12.03	44.67	28.82	9.30	8.08	5.3	2.74	103.5
3	3/18/2010 15:46	12.29	43.58	28.05	9.40	8.10	4.3	2.68	104.7
4	3/18/2010 16:01	12.19	44.02	28.36	9.33	8.10	6.0	2.62	103.9
5	3/18/2010 16:16	12.74	43.80	28.22	9.57	7.88	4.8	2.54	107.7
6	3/18/2010 16:31	12.88	43.65	28.12	9.69	8.11	3.8	2.46	109.3
7	3/18/2010 16:46	12.99	42.92	27.60	9.86	8.27	4.0	2.38	111.1
8	3/18/2010 17:01	13.17	43.40	27.95	9.98	8.16	3.8	2.30	113.1
9	3/18/2010 17:16	13.01	42.68	27.43	9.85	8.14	3.4	2.21	110.9
10	3/18/2010 17:31	13.33	41.84	26.84	10.11	8.18	5.8	2.13	114.3
11	3/18/2010 17:46	13.36	41.52	26.62	10.17	8.18	4.0	2.05	114.8
12	3/18/2010 18:01	13.23	41.22	26.40	9.96	8.16	3.4	1.97	112.0
13	3/18/2010 18:16	13.47	41.72	26.76	10.19	8.43	3.1	1.89	115.4
14	3/18/2010 18:31	13.35	40.71	26.04	10.13	8.18	2.8	1.81	113.9
15	3/18/2010 18:46	13.42	40.79	26.10	10.19	8.17	2.8	1.74	114.8
16	3/18/2010 19:01	13.46	40.67	26.02	10.25	8.23	2.3	1.68	115.5
17	3/18/2010 19:16	13.45	40.96	26.22	10.21	8.20	2.3	1.63	115.2
18	3/18/2010 19:31	13.45	40.41	25.84	10.14	8.20	1.5	1.59	114.1
19	3/18/2010 19:46	13.43	40.46	25.87	10.08	8.17	1.5	1.58	113.4
20	3/18/2010 20:01	13.25	41.10	26.31	9.84	8.17	2.0	1.57	110.6
21	3/18/2010 20:16	13.23	41.30	26.45	9.88	8.16	2.5	1.58	111.1
22	3/18/2010 20:31	13.26	40.90	26.18	10.07	8.42	2.0	1.61	113.1
23	3/18/2010 20:46	13.23	40.92	26.19	9.98	8.17	2.7	1.66	112.0
24	3/18/2010 21:01	13.22	41.30	26.46	9.84	8.16	3.1	1.71	110.6
25	3/18/2010 21:16	13.24	40.58	25.94	9.87	8.40	4.3	1.78	110.7
26	3/18/2010 21:31	13.18	40.92	26.19	9.78	8.15	3.4	1.87	109.6
27	3/18/2010 21:46	13.14	41.18	26.37	9.68	8.14	3.7	1.93	108.6
28	3/18/2010 22:01	12.95	41.77	26.79	9.51	8.12	4.2	2.02	106.6
29	3/18/2010 22:16	12.94	42.30	27.16	9.52	8.12	3.7	2.09	106.8
30	3/18/2010 22:31	12.88	42.48	27.29	9.51	8.37	3.4	2.17	106.7
31	3/18/2010 22:46	12.75	42.13	27.03	9.50	8.12	4.5	2.25	106.2
32	3/18/2010 23:01	12.53	42.91	27.58	9.46	8.12	5.2	2.32	105.6
33	3/18/2010 23:16	12.42	43.33	27.88	9.44	8.36	4.9	2.40	105.3
34	3/18/2010 23:31	12.33	43.88	28.27	9.35	8.36	4.0	2.48	104.3
35	3/18/2010 23:46	12.26	44.12	28.43	9.34	8.10	4.5	2.57	104.2
36	3/19/2010 0:01	12.14	44.67	28.82	9.27	8.10	3.7	2.64	103.4
37	3/19/2010 0:16	11.98	44.99	29.04	9.19	8.09	5.3	2.73	102.3
38	3/19/2010 0:31	11.95	45.95	29.73	9.10	8.35	8.1	2.82	101.7
39	3/19/2010 0:46	11.95	45.49	29.40	9.12	8.09	8.2	2.90	101.7
40	3/19/2010 1:01	11.88	46.58	30.18	9.05	8.09	12.8	2.98	101.3
41	3/19/2010 1:16	11.83	46.90	30.40	9.04	7.85	12.6	3.06	101.1
42	3/19/2010 1:31	11.80	46.96	30.45	9.04	8.10	9.8	3.12	101.1
43	3/19/2010 1:46	11.77	47.34	30.72	9.06	8.10	7.4	3.17	101.5
44	3/19/2010 2:01	11.76	47.42	30.78	9.08	8.10	6.7	3.23	101.6
45	3/19/2010 2:16	11.74	47.61	30.91	9.08	8.37	4.3	3.25	101.7
46	3/19/2010 2:31	11.78	47.31	30.70	9.00	8.36	4.9	3.26	100.9
47	3/19/2010 2:46	11.73	47.68	30.96	9.03	7.86	5.1	3.25	101.2
48	3/19/2010 3:01	11.74	47.73	31.00	9.05	8.23	6.3	3.21	101.5
49	3/19/2010 3:16	11.76	45.68	29.52	9.04	8.36	8.9	3.15	100.5
50	3/19/2010 3:31	11.83	44.88	28.96	9.09	8.10	5.9	3.08	100.8
51	3/19/2010 3:46	11.95	45.35	29.30	9.00	8.09	6.0	3.00	100.3
52	3/19/2010 4:01	11.93	45.02	29.06	9.02	8.35	7.6	2.91	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	
53	3/19/2010 4:16	11.98	44.92	28.99	9.04	8.35	7.0	2.80	100.6
54	3/19/2010 4:31	12.10	44.26	28.53	9.08	8.35	7.3	2.70	101.1
55	3/19/2010 4:46	12.13	44.10	28.41	9.14	8.23	5.8	2.60	101.6
56	3/19/2010 5:01	12.16	43.61	28.06	9.14	8.10	4.9	2.50	101.5
57	3/19/2010 5:16	12.12	43.09	27.69	9.08	8.35	4.9	2.39	100.5
58	3/19/2010 5:31	12.03	43.73	28.14	9.07	8.10	4.7	2.27	100.6
59	3/19/2010 5:46	12.12	43.34	27.87	9.09	8.36	5.4	2.16	100.7
60	3/19/2010 6:01	12.08	43.14	27.72	9.08	8.09	4.5	2.05	100.5
61	3/19/2010 6:16	12.28	42.47	27.26	9.10	8.10	4.5	1.93	100.8
62	3/19/2010 6:31	12.24	41.73	26.73	9.14	8.11	4.5	1.82	100.9
63	3/19/2010 6:46	12.16	41.78	26.76	9.07	8.10	4.4	1.70	100.0
64	3/19/2010 7:01	12.25	42.04	26.95	9.06	8.36	4.3	1.58	100.1
65	3/19/2010 7:16	12.27	41.23	26.38	9.10	8.10	4.0	1.47	100.2
66	3/19/2010 7:31	12.31	41.63	26.66	9.09	8.11	3.7	1.36	100.4
67	3/19/2010 7:46	12.34	41.53	26.59	9.06	8.11	2.9	1.27	100.1
68	3/19/2010 8:01	12.35	41.39	26.49	9.09	8.11	3.7	1.20	100.4
69	3/19/2010 8:16	12.38	41.22	26.38	9.07	8.37	3.5	1.15	100.1
70	3/19/2010 8:31	12.41	41.16	26.33	9.05	8.11	3.1	1.11	99.9
71	3/19/2010 8:46	12.38	41.25	26.40	9.02	8.36	2.6	1.10	99.6
72	3/19/2010 9:01	12.37	41.34	26.46	9.13	8.36	2.7	1.10	100.8
73	3/19/2010 9:16	12.38	41.56	26.61	9.09	7.87	2.4	1.15	100.5
74	3/19/2010 9:31	12.37	41.06	26.26	9.11	8.10	3.2	1.19	100.5
75	3/19/2010 9:46	12.43	41.67	26.69	9.14	8.11	2.4	1.25	101.2
76	3/19/2010 10:01	12.50	41.38	26.49	9.15	7.88	2.3	1.32	101.4
77	3/19/2010 10:16	12.56	40.56	25.91	9.15	8.10	3.1	1.40	101.2
78	3/19/2010 10:31	12.49	40.38	25.79	9.14	8.10	3.2	1.47	100.8
79	3/19/2010 10:46	12.50	41.02	26.24	9.10	8.09	3.1	1.54	100.7
80	3/19/2010 11:01	12.48	41.11	26.30	9.07	8.34	3.1	1.63	100.3
81	3/19/2010 11:16	12.48	41.15	26.33	9.08	8.09	3.2	1.71	100.5
82	3/19/2010 11:31	12.47	41.51	26.58	9.10	8.09	3.1	1.79	100.8
83	3/19/2010 11:46	12.41	41.50	26.58	9.12	8.06	3.2	1.87	100.9
84	3/19/2010 12:01	12.36	42.62	27.37	9.07	8.34	3.5	1.94	100.8
85	3/19/2010 12:16	12.33	42.39	27.20	9.13	8.13	3.5	2.03	101.3
86	3/19/2010 12:31	12.38	42.53	27.30	9.16	8.02	3.5	2.10	101.8
87	3/19/2010 12:46	12.38	43.28	27.84	9.17	8.10	3.2	2.18	102.2
88	3/19/2010 13:01	12.33	42.97	27.62	9.18	8.10	4.0	2.25	102.1
89	3/19/2010 13:16	12.29	43.33	27.87	9.13	8.35	4.3	2.33	101.5
90	3/19/2010 13:31	12.32	43.68	28.12	9.15	8.10	4.2	2.39	102.0
91	3/19/2010 13:46	12.33	44.21	28.50	9.13	8.07	4.8	2.47	102.1
92	3/19/2010 14:01	12.25	44.38	28.61	9.12	8.09	5.3	2.53	101.8
93	3/19/2010 14:16	12.24	43.99	28.34	9.13	8.10	4.5	2.59	101.7
94	3/19/2010 14:31	12.18	44.16	28.46	9.10	8.07	5.0	2.64	101.4
95	3/19/2010 14:46	12.05	45.10	29.12	9.03	8.06	4.9	2.69	100.8
96	3/19/2010 15:01	11.95	45.46	29.38	8.97	8.35	4.3	2.74	100.0
97	3/19/2010 15:16	12.16	44.70	28.84	8.98	8.09	2.4	2.76	100.2
98	3/19/2010 15:31	12.08	45.24	29.23	8.96	8.09	1.6	2.78	100.1
99	3/19/2010 15:46	11.92	45.89	29.68	8.83	8.34	2.4	2.79	98.5
100	3/19/2010 16:01	11.93	45.88	29.68	8.82	7.84	3.1	2.76	98.5
101	3/19/2010 16:16	12.23	44.57	28.75	9.06	8.09	2.4	2.72	101.2
102	3/19/2010 16:31	12.46	44.81	28.93	9.09	8.13	2.4	2.67	102.1
103	3/19/2010 16:46	12.63	44.57	28.77	9.34	7.90	2.7	2.61	105.2
104	3/19/2010 17:01	13.22	43.26	27.85	9.66	8.39	2.4	2.55	109.5
105	3/19/2010 17:16	13.11	43.74	28.19	9.66	8.14	2.4	2.46	109.5

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	
106	3/19/2010 17:31	13.47	43.50	28.03	9.86	8.17	2.0	2.38	112.6
107	3/19/2010 17:46	13.57	43.19	27.81	9.88	8.17	2.4	2.31	112.9
108	3/19/2010 18:01	13.55	43.03	27.69	9.99	8.16	2.4	2.24	114.0
109	3/19/2010 18:16	13.73	42.82	27.55	9.97	8.18	2.0	2.17	114.0
110	3/19/2010 18:31	13.67	42.63	27.42	9.94	8.41	2.2	2.09	113.4
111	3/19/2010 18:46	13.55	41.79	26.81	9.98	8.19	1.9	2.04	113.2
112	3/19/2010 19:01	13.63	41.80	26.82	10.08	8.17	1.5	1.96	114.6
113	3/19/2010 19:16	13.80	41.70	26.75	10.30	8.19	1.4	1.91	117.4
114	3/19/2010 19:31	13.77	41.59	26.67	10.25	8.14	1.0	1.86	116.7
115	3/19/2010 19:46	13.74	42.23	27.13	10.10	8.18	0.9	1.81	115.3
116	3/19/2010 20:01	13.75	41.51	26.62	10.12	8.21	0.9	1.79	115.2
117	3/19/2010 20:16	13.71	42.11	27.04	9.95	8.17	0.1	1.77	113.5
118	3/19/2010 20:31	13.72	41.99	26.96	9.95	7.98	0.6	1.76	113.4
119	3/19/2010 20:46	13.73	41.21	26.41	10.14	8.18	1.0	1.78	115.1
120	3/19/2010 21:01	13.68	41.71	26.76	10.14	8.18	0.7	1.79	115.4
121	3/19/2010 21:16	13.47	41.88	26.88	9.76	8.14	2.0	1.84	110.6
122	3/19/2010 21:31	13.46	42.43	27.27	9.75	8.14	2.3	1.89	110.7
123	3/19/2010 21:46	13.72	41.88	26.88	9.96	7.96	3.8	1.95	113.4
124	3/19/2010 22:01	13.52	41.88	26.87	9.74	8.17	2.7	2.01	110.5
125	3/19/2010 22:16	13.35	42.87	27.57	9.57	8.37	2.9	2.08	108.6
126	3/19/2010 22:31	13.27	42.99	27.66	9.51	8.12	2.9	2.15	107.8
127	3/19/2010 22:46	13.25	42.73	27.47	9.53	8.15	2.7	2.22	107.9
128	3/19/2010 23:01	13.21	43.07	27.72	9.49	8.12	2.4	2.29	107.5
129	3/19/2010 23:16	13.03	43.04	27.69	9.45	8.11	3.8	2.37	106.6
130	3/19/2010 23:31	12.91	43.89	28.29	9.40	8.11	3.5	2.44	106.2
131	3/19/2010 23:46	12.89	43.90	28.30	9.44	8.36	4.7	2.52	106.7
132	3/20/2010 0:01	12.68	43.96	28.33	9.31	8.10	4.4	2.60	104.7
133	3/20/2010 0:16	12.52	45.11	29.15	9.14	8.13	2.7	2.68	103.0
134	3/20/2010 0:31	12.36	45.27	29.26	9.02	8.08	3.4	2.76	101.3
135	3/20/2010 0:46	12.21	46.45	30.10	8.84	7.84	4.9	2.85	99.5
136	3/20/2010 1:01	12.15	46.71	30.28	8.75	8.20	6.0	2.93	98.5
137	3/20/2010 1:16	12.15	46.29	29.98	8.71	8.08	6.0	3.01	97.9
138	3/20/2010 1:31	12.08	46.98	30.47	8.66	8.07	5.7	3.07	97.5
139	3/20/2010 1:46	12.01	47.34	30.73	8.64	8.33	6.2	3.14	97.3
140	3/20/2010 2:01	11.99	46.86	30.38	8.72	8.08	5.8	3.20	97.9
141	3/20/2010 2:16	11.97	47.69	30.98	8.68	7.85	4.4	3.24	97.8
142	3/20/2010 2:31	11.95	47.71	31.00	8.67	7.85	3.2	3.28	97.7
143	3/20/2010 2:46	11.93	47.87	31.11	8.69	7.85	2.1	3.30	97.8
144	3/20/2010 3:01	11.92	47.15	30.59	8.57	8.08	1.5	3.31	96.2
145	3/20/2010 3:16	11.95	47.16	30.60	8.61	8.12	3.3	3.30	96.7
146	3/20/2010 3:31	11.93	47.89	31.12	8.59	8.06	3.2	3.28	96.8
147	3/20/2010 3:46	11.94	47.71	30.99	8.61	8.08	3.4	3.23	96.9
148	3/20/2010 4:01	12.09	46.43	30.08	8.69	8.34	3.5	3.17	97.6
149	3/20/2010 4:16	12.31	45.34	29.30	8.82	7.85	3.4	3.09	99.0
150	3/20/2010 4:31	12.29	44.87	28.97	8.81	8.11	4.0	2.99	98.6
151	3/20/2010 4:46	12.30	45.14	29.16	8.77	8.11	5.6	2.91	98.4
152	3/20/2010 5:01	12.40	45.01	29.07	8.82	8.08	3.8	2.80	99.0
153	3/20/2010 5:16	12.47	44.19	28.49	8.91	8.12	4.5	2.70	99.9
154	3/20/2010 5:31	12.61	44.21	28.51	9.02	8.09	5.8	2.60	101.5
155	3/20/2010 5:46	12.51	44.44	28.67	8.87	8.20	3.0	2.49	99.6
156	3/20/2010 6:01	12.56	43.55	28.03	8.95	7.86	2.4	2.39	100.3
157	3/20/2010 6:16	12.56	43.49	27.99	8.98	8.11	2.7	2.29	100.5
158	3/20/2010 6:31	12.63	43.88	28.28	9.02	8.09	2.4	2.17	101.3

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	
159	3/20/2010 6:46	12.84	43.30	27.87	9.11	8.35	4.1	2.06	102.6
160	3/20/2010 7:01	12.94	43.08	27.71	9.08	8.10	3.1	1.96	102.3
161	3/20/2010 7:16	12.79	43.30	27.86	9.02	8.21	3.2	1.83	101.3
162	3/20/2010 7:31	12.97	42.83	27.54	9.07	8.22	3.2	1.72	102.2
163	3/20/2010 7:46	12.90	42.85	27.55	9.06	7.88	2.7	1.61	101.9
164	3/20/2010 8:01	12.96	42.39	27.23	9.08	8.03	2.7	1.50	102.0
165	3/20/2010 8:16	13.05	42.05	26.98	9.12	8.11	2.4	1.41	102.5
166	3/20/2010 8:31	13.07	42.28	27.15	9.08	8.10	2.6	1.32	102.2
167	3/20/2010 8:46	13.12	42.22	27.11	9.10	8.11	2.3	1.25	102.6
168	3/20/2010 9:01	13.16	41.52	26.61	9.12	8.09	1.8	1.20	102.5
169	3/20/2010 9:16	13.17	42.09	27.02	9.05	8.35	1.6	1.16	102.0
170	3/20/2010 9:31	13.14	42.21	27.10	9.06	8.10	1.3	1.15	102.0
171	3/20/2010 9:46	13.09	42.50	27.31	9.03	8.22	2.0	1.16	101.7
172	3/20/2010 10:01	13.13	42.40	27.23	9.10	8.08	1.6	1.18	102.6
173	3/20/2010 10:16	13.10	42.54	27.33	9.11	8.22	1.8	1.22	102.7
174	3/20/2010 10:31	13.17	41.88	26.86	9.19	8.14	1.5	1.29	103.5
175	3/20/2010 10:46	13.18	42.55	27.34	9.13	8.22	1.2	1.34	103.1
176	3/20/2010 11:01	13.32	41.27	26.44	9.22	8.08	1.9	1.41	103.9
177	3/20/2010 11:16	13.23	41.89	26.88	9.17	8.34	2.3	1.50	103.5
178	3/20/2010 11:31	13.20	41.95	26.92	9.11	8.33	2.6	1.56	102.7
179	3/20/2010 11:46	13.21	41.89	26.87	9.13	7.87	2.1	1.64	102.9
180	3/20/2010 12:01	13.15	42.14	27.05	9.07	8.33	2.0	1.72	102.2
181	3/20/2010 12:16	13.09	41.79	26.80	9.10	8.09	2.3	1.78	102.2
182	3/20/2010 12:31	13.09	42.54	27.34	9.07	8.09	2.4	1.87	102.3
183	3/20/2010 12:46	13.19	42.20	27.09	9.14	8.09	2.5	1.94	103.2
184	3/20/2010 13:01	13.28	42.56	27.36	9.18	8.07	2.7	2.02	103.9
185	3/20/2010 13:16	13.02	43.52	28.03	9.09	7.87	2.1	2.09	102.8
186	3/20/2010 13:31	12.85	43.95	28.33	9.03	8.08	2.1	2.16	101.9
187	3/20/2010 13:46	12.86	44.04	28.40	9.04	7.86	2.3	2.24	102.1
188	3/20/2010 14:01	12.86	44.16	28.48	9.03	7.86	2.4	2.29	102.1
189	3/20/2010 14:16	12.94	43.74	28.18	9.09	8.09	3.0	2.36	102.7
190	3/20/2010 14:31	12.89	44.35	28.62	9.02	8.08	2.9	2.42	102.1
191	3/20/2010 14:46	12.82	43.90	28.30	9.01	8.08	2.8	2.49	101.6
192	3/20/2010 15:01	12.84	44.16	28.48	9.02	8.06	2.4	2.53	101.9
193	3/20/2010 15:16	12.78	44.72	28.88	8.95	8.33	2.4	2.58	101.2
194	3/20/2010 15:31	12.78	44.10	28.44	8.97	8.08	2.3	2.63	101.2
195	3/20/2010 15:46	12.70	44.92	29.02	8.88	7.85	1.5	2.67	100.3
196	3/20/2010 16:01	12.67	44.31	28.58	8.88	8.05	1.0	2.70	100.0
197	3/20/2010 16:16	12.63	45.02	29.09	8.81	8.08	0.2	2.73	99.5
198	3/20/2010 16:31	12.63	45.17	29.20	8.67	8.32	0.9	2.74	97.9
199	3/20/2010 16:46	12.63	45.08	29.13	8.75	8.07	1.3	2.73	98.9
200	3/20/2010 17:01	12.70	45.06	29.12	8.76	7.84	1.3	2.71	99.1
201	3/20/2010 17:16	12.75	44.94	29.03	8.79	8.08	1.2	2.67	99.4
202	3/20/2010 17:31	12.86	44.23	28.53	8.89	8.08	2.2	2.62	100.5
203	3/20/2010 17:46	13.00	44.58	28.78	9.02	8.21	2.7	2.56	102.4
204	3/20/2010 18:01	13.11	44.40	28.66	9.08	8.10	2.0	2.50	103.2
205	3/20/2010 18:16	13.80	43.58	28.09	9.53	8.15	1.6	2.43	109.6
206	3/20/2010 18:31	13.56	44.08	28.44	9.51	8.14	1.2	2.38	109.0
207	3/20/2010 18:46	14.24	43.49	28.04	9.92	8.20	1.8	2.31	115.1
208	3/20/2010 19:01	14.02	43.97	28.38	9.72	7.98	2.0	2.24	112.4
209	3/20/2010 19:16	13.83	43.41	27.97	9.69	8.39	1.9	2.19	111.4
210	3/20/2010 19:31	13.83	43.25	27.86	9.67	7.96	1.3	2.14	111.1
211	3/20/2010 19:46	13.82	43.24	27.85	9.79	8.16	1.3	2.09	112.5

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	
212	3/20/2010 20:01	13.86	43.22	27.84	9.85	8.41	1.2	2.05	113.2
213	3/20/2010 20:16	13.93	42.69	27.46	9.82	8.17	1.0	2.01	112.7
214	3/20/2010 20:31	13.93	42.86	27.58	9.72	7.96	0.6	1.99	111.7
215	3/20/2010 20:46	13.91	42.81	27.55	9.58	8.27	0.0	1.97	110.0
216	3/20/2010 21:01	13.79	42.39	27.25	9.57	8.38	0.5	1.95	109.4
217	3/20/2010 21:16	13.87	42.66	27.44	9.79	8.17	0.6	1.97	112.2
218	3/20/2010 21:31	13.87	42.55	27.36	9.78	8.09	0.5	1.99	112.1
219	3/20/2010 21:46	13.80	42.96	27.65	9.60	8.07	1.2	2.02	110.1
220	3/20/2010 22:01	13.74	43.19	27.81	9.52	8.25	1.6	2.05	109.2
221	3/20/2010 22:16	13.82	43.27	27.87	9.57	8.26	2.4	2.10	109.9
222	3/20/2010 22:31	13.88	42.32	27.20	9.66	8.12	1.8	2.16	110.7
223	3/20/2010 22:46	13.79	43.51	28.04	9.47	8.37	1.6	2.21	108.9
224	3/20/2010 23:01	13.68	43.54	28.06	9.33	8.12	2.0	2.27	107.0
225	3/20/2010 23:16	13.52	43.86	28.29	9.20	8.11	1.7	2.33	105.3
226	3/20/2010 23:31	13.38	43.51	28.03	9.16	8.13	1.7	2.40	104.4
227	3/20/2010 23:46	13.34	44.28	28.58	9.14	8.10	1.7	2.45	104.4
228	3/21/2010 0:01	13.24	43.78	28.22	9.11	8.09	2.0	2.51	103.6
229	3/21/2010 0:16	13.09	44.54	28.76	9.05	8.10	1.6	2.59	102.9
230	3/21/2010 0:31	12.98	44.74	28.90	9.00	8.33	2.5	2.66	102.2
231	3/21/2010 0:46	12.87	45.02	29.09	8.96	7.85	1.8	2.72	101.6
232	3/21/2010 1:01	12.75	44.78	28.92	8.89	8.04	1.5	2.80	100.5
233	3/21/2010 1:16	12.62	45.46	29.40	8.72	8.11	1.5	2.86	98.6
234	3/21/2010 1:31	12.42	46.55	30.18	8.61	8.07	2.4	2.94	97.4
235	3/21/2010 1:46	12.35	46.12	29.86	8.58	8.31	3.2	3.00	96.8
236	3/21/2010 2:01	12.28	46.96	30.47	8.55	8.10	3.1	3.07	96.6
237	3/21/2010 2:16	12.24	47.16	30.61	8.52	8.06	2.7	3.13	96.3
238	3/21/2010 2:31	12.20	47.18	30.62	8.52	8.07	2.3	3.17	96.2
239	3/21/2010 2:46	12.14	47.39	30.77	8.48	8.06	2.9	3.24	95.7
240	3/21/2010 3:01	12.10	47.54	30.88	8.44	8.20	1.8	3.26	95.3
241	3/21/2010 3:16	12.08	47.63	30.95	8.43	8.20	1.2	3.29	95.1
242	3/21/2010 3:31	12.06	47.50	30.85	8.39	8.32	1.1	3.31	94.6
243	3/21/2010 3:46	12.12	47.53	30.87	8.30	8.05	0.9	3.30	93.7
244	3/21/2010 4:01	12.10	47.63	30.95	8.31	8.31	1.5	3.28	93.8
245	3/21/2010 4:16	12.08	47.62	30.94	8.36	8.19	1.9	3.24	94.4
246	3/21/2010 4:31	12.33	46.47	30.12	8.37	7.82	1.5	3.20	94.5
247	3/21/2010 4:46	12.60	45.72	29.59	8.57	7.83	2.0	3.13	97.0
248	3/21/2010 5:01	12.69	45.51	29.44	8.58	8.20	1.9	3.06	97.2
249	3/21/2010 5:16	12.71	45.52	29.45	8.61	8.10	2.4	2.98	97.6
250	3/21/2010 5:31	12.67	45.61	29.51	8.59	8.19	3.4	2.90	97.3
251	3/21/2010 5:46	12.77	44.94	29.03	8.63	8.32	3.5	2.80	97.6
252	3/21/2010 6:01	12.86	44.69	28.86	8.69	7.99	3.5	2.71	98.5
253	3/21/2010 6:16	12.86	44.40	28.65	8.77	8.12	3.2	2.62	99.2
254	3/21/2010 6:31	13.05	43.97	28.35	8.86	8.33	3.8	2.52	100.5
255	3/21/2010 6:46	13.04	44.51	28.74	8.80	8.09	5.1	2.40	100.0
256	3/21/2010 7:01	13.10	44.43	28.68	8.80	8.33	3.9	2.32	100.0
257	3/21/2010 7:16	13.19	43.69	28.16	8.85	8.07	2.4	2.21	100.5
258	3/21/2010 7:31	13.22	43.73	28.18	8.86	7.88	1.8	2.09	100.7
259	3/21/2010 7:46	13.27	42.96	27.63	8.90	8.07	1.8	2.00	100.9
260	3/21/2010 8:01	13.43	43.35	27.92	8.86	7.88	3.3	1.87	100.9
261	3/21/2010 8:16	13.45	43.26	27.86	8.88	8.22	3.1	1.75	101.2
262	3/21/2010 8:31	13.50	43.14	27.77	8.87	8.22	2.4	1.64	101.1
263	3/21/2010 8:46	13.52	42.39	27.24	8.85	8.09	1.8	1.54	100.6
264	3/21/2010 9:01	13.61	42.90	27.60	8.87	8.10	1.8	1.45	101.3

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	
265	3/21/2010 9:16	13.69	42.09	27.03	8.89	7.89	1.6	1.36	101.3
266	3/21/2010 9:31	13.75	42.63	27.42	8.89	8.11	1.3	1.28	101.7
267	3/21/2010 9:46	13.80	42.54	27.35	8.89	8.34	1.1	1.24	101.7
268	3/21/2010 10:01	13.87	42.30	27.18	8.91	8.09	0.7	1.21	102.0
269	3/21/2010 10:16	13.77	42.55	27.36	8.91	7.90	0.9	1.17	101.9
270	3/21/2010 10:31	13.79	42.59	27.39	9.00	7.90	0.7	1.19	103.0
271	3/21/2010 10:46	13.78	42.69	27.46	8.95	8.34	0.7	1.21	102.4
272	3/21/2010 11:01	13.73	42.78	27.52	8.89	8.33	1.1	1.23	101.7
273	3/21/2010 11:16	13.85	42.78	27.53	8.97	7.90	0.8	1.29	102.9
274	3/21/2010 11:31	13.66	42.94	27.64	8.86	8.01	1.1	1.35	101.3
275	3/21/2010 11:46	13.93	42.44	27.28	8.93	8.10	1.2	1.38	102.4
276	3/21/2010 12:01	13.90	41.73	26.78	8.97	8.11	1.4	1.44	102.5
277	3/21/2010 12:16	13.77	42.02	26.98	8.96	8.13	1.5	1.51	102.2
278	3/21/2010 12:31	13.73	42.51	27.33	8.90	8.10	2.0	1.58	101.7
279	3/21/2010 12:46	13.69	41.95	26.93	8.87	8.08	1.6	1.64	101.1
280	3/21/2010 13:01	13.71	42.55	27.36	8.81	8.08	1.3	1.69	100.6
281	3/21/2010 13:16	13.65	42.06	27.01	8.85	8.32	1.7	1.77	100.8
282	3/21/2010 13:31	13.67	42.82	27.55	8.93	8.32	2.1	1.85	102.0
283	3/21/2010 13:46	13.69	42.27	27.16	8.95	8.09	2.1	1.91	102.0
284	3/21/2010 14:01	13.66	42.81	27.54	8.94	8.00	1.7	1.98	102.1
285	3/21/2010 14:16	13.76	43.29	27.89	8.89	8.32	1.8	2.06	102.0
286	3/21/2010 14:31	13.32	43.46	27.99	8.86	8.31	1.8	2.12	100.8
287	3/21/2010 14:46	13.27	43.60	28.09	8.82	8.07	1.6	2.18	100.3
288	3/21/2010 15:01	13.24	44.36	28.64	8.80	8.08	1.3	2.25	100.3
289	3/21/2010 15:16	13.24	44.41	28.67	8.76	8.31	1.2	2.30	99.9
290	3/21/2010 15:31	13.27	44.14	28.48	8.77	7.99	1.4	2.36	100.0
291	3/21/2010 15:46	13.16	43.92	28.32	8.75	8.11	1.4	2.41	99.4
292	3/21/2010 16:01	13.11	44.63	28.83	8.67	8.30	1.4	2.46	98.7
293	3/21/2010 16:16	13.11	44.41	28.67	8.67	8.19	1.0	2.50	98.6
294	3/21/2010 16:31	13.08	44.83	28.96	8.65	8.30	0.9	2.54	98.5
295	3/21/2010 16:46	13.07	44.90	29.02	8.62	7.83	0.5	2.57	98.1
296	3/21/2010 17:01	13.08	44.80	28.95	8.58	8.06	0.2	2.59	97.7
297	3/21/2010 17:16	13.07	44.27	28.57	8.54	8.06	0.0	2.61	97.0
298	3/21/2010 17:31	13.08	44.92	29.03	8.45	8.05	0.0	2.61	96.3
299	3/21/2010 17:46	13.07	44.30	28.59	8.48	8.02	0.0	2.61	96.3
300	3/21/2010 18:01	13.07	44.35	28.62	8.52	8.30	0.1	2.60	96.8
301	3/21/2010 18:16	13.09	44.95	29.06	8.50	8.05	0.7	2.55	96.8
302	3/21/2010 18:31	13.15	44.83	28.97	8.55	8.18	0.8	2.53	97.5
303	3/21/2010 18:46	13.36	44.25	28.56	8.73	8.08	0.6	2.49	99.8
304	3/21/2010 19:01	13.48	44.16	28.50	8.81	8.12	0.9	2.44	100.9
305	3/21/2010 19:16	13.87	44.27	28.59	9.01	7.92	0.5	2.39	104.0
306	3/21/2010 19:31	13.97	43.54	28.07	9.30	8.12	1.1	2.34	107.2
307	3/21/2010 19:46	13.97	44.13	28.49	9.43	8.38	1.3	2.30	109.1
308	3/21/2010 20:01	13.92	43.90	28.33	9.36	8.25	1.0	2.25	108.0
309	3/21/2010 20:16	13.94	43.58	28.09	9.36	8.36	1.3	2.20	108.0
310	3/21/2010 20:31	13.97	43.10	27.76	9.41	8.38	1.5	2.17	108.4
311	3/21/2010 20:46	13.95	42.93	27.63	9.29	8.17	1.0	2.14	106.9
312	3/21/2010 21:01	13.91	43.20	27.83	9.19	7.91	1.0	2.11	105.7
313	3/21/2010 21:16	13.91	43.46	28.01	9.10	7.91	0.4	2.09	104.8
314	3/21/2010 21:31	13.85	42.96	27.65	8.94	8.11	0.2	2.10	102.7
315	3/21/2010 21:46	13.85	43.65	28.14	9.07	8.11	0.7	2.08	104.4
316	3/21/2010 22:01	13.92	43.25	27.86	9.09	7.91	0.6	2.08	104.6
317	3/21/2010 22:16	13.94	42.59	27.39	9.26	8.10	1.0	2.11	106.3

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	
318	3/21/2010 22:31	13.90	42.73	27.49	9.17	8.12	1.2	2.12	105.2
319	3/21/2010 22:46	13.89	42.90	27.61	9.16	8.11	1.5	2.15	105.2
320	3/21/2010 23:01	13.85	43.04	27.71	9.09	8.35	1.6	2.19	104.4
321	3/21/2010 23:16	13.82	43.74	28.21	9.05	8.34	1.7	2.23	104.1
322	3/21/2010 23:31	13.77	42.90	27.61	9.14	8.11	1.4	2.28	104.7
323	3/21/2010 23:46	13.75	43.35	27.93	8.97	8.33	2.0	2.33	102.9
324	3/22/2010 0:01	13.59	44.07	28.44	8.80	8.31	1.6	2.37	101.0
325	3/22/2010 0:16	13.60	44.34	28.63	8.90	8.09	1.9	2.43	102.2
326	3/22/2010 0:31	13.54	44.49	28.74	8.87	8.00	1.4	2.49	101.8
327	3/22/2010 0:46	13.45	43.83	28.26	8.90	7.86	1.5	2.56	101.6
328	3/22/2010 1:01	13.34	44.58	28.80	8.80	8.12	1.9	2.62	100.6
329	3/22/2010 1:16	13.18	44.76	28.92	8.83	8.04	1.6	2.68	100.8
330	3/22/2010 1:31	13.10	44.70	28.88	8.78	7.98	1.6	2.75	100.0
331	3/22/2010 1:46	13.03	45.28	29.29	8.75	8.07	1.2	2.83	99.7
332	3/22/2010 2:01	13.00	44.61	28.80	8.76	7.84	1.9	2.89	99.5
333	3/22/2010 2:16	12.82	45.11	29.16	8.73	8.07	0.9	2.95	99.0
334	3/22/2010 2:31	12.72	45.42	29.38	8.66	8.05	1.3	3.02	98.2
335	3/22/2010 2:46	12.62	46.61	30.23	8.62	8.31	1.5	3.08	98.0
336	3/22/2010 3:01	12.58	46.26	29.98	8.64	8.31	1.8	3.13	98.0
337	3/22/2010 3:16	12.52	47.00	30.51	8.66	8.20	1.6	3.18	98.5
338	3/22/2010 3:31	12.49	46.99	30.50	8.68	8.20	1.4	3.22	98.5
339	3/22/2010 3:46	12.47	47.03	30.53	8.74	7.83	1.3	3.26	99.3
340	3/22/2010 4:01	12.45	46.39	30.06	8.78	7.83	0.8	3.28	99.4
341	3/22/2010 4:16	12.50	46.49	30.14	8.58	8.31	0.9	3.28	97.3
342	3/22/2010 4:31	12.44	47.11	30.58	8.58	8.31	0.4	3.29	97.4
343	3/22/2010 4:46	12.46	46.43	30.09	8.54	8.05	0.0	3.29	96.7
344	3/22/2010 5:01	12.51	46.85	30.40	8.65	8.05	0.9	3.24	98.2
345	3/22/2010 5:16	12.56	46.04	29.82	8.56	8.07	0.9	3.19	97.0
346	3/22/2010 5:31	12.86	45.66	29.56	8.45	8.05	1.6	3.14	96.1
347	3/22/2010 5:46	12.83	45.20	29.22	8.43	7.82	1.3	3.07	95.6
348	3/22/2010 6:01	12.85	45.71	29.59	8.43	8.18	1.6	2.99	95.9
349	3/22/2010 6:16	12.84	44.99	29.07	8.44	8.04	1.6	2.90	95.7
350	3/22/2010 6:31	12.86	45.46	29.41	8.46	8.29	1.5	2.82	96.2
351	3/22/2010 6:46	12.90	44.71	28.87	8.49	8.01	2.9	2.74	96.3
352	3/22/2010 7:01	12.92	45.11	29.16	8.49	8.29	3.9	2.63	96.5
353	3/22/2010 7:16	13.01	44.86	28.99	8.57	8.30	3.4	2.54	97.5
354	3/22/2010 7:31	13.10	44.66	28.84	8.55	7.98	3.4	2.45	97.4
355	3/22/2010 7:46	13.06	44.61	28.81	8.58	8.10	3.5	2.36	97.6
356	3/22/2010 8:01	13.30	44.01	28.39	8.64	8.19	2.7	2.25	98.5
357	3/22/2010 8:16	13.35	43.84	28.27	8.67	8.07	2.7	2.15	98.8
358	3/22/2010 8:31	13.10	44.15	28.48	8.64	8.31	2.0	2.04	98.1
359	3/22/2010 8:46	13.30	43.77	28.22	8.72	8.32	2.6	1.94	99.3
360	3/22/2010 9:01	13.36	43.51	28.03	8.79	8.06	2.2	1.84	100.1
361	3/22/2010 9:16	13.36	43.65	28.13	8.85	8.09	2.2	1.72	100.8
362	3/22/2010 9:31	13.46	43.33	27.91	8.89	8.07	2.2	1.61	101.4
363	3/22/2010 9:46	13.58	42.66	27.43	8.94	8.12	2.0	1.53	101.9
364	3/22/2010 10:01	13.65	43.25	27.85	8.93	8.35	1.6	1.43	102.2
365	3/22/2010 10:16	13.75	43.10	27.75	9.00	7.91	1.3	1.34	103.1
366	3/22/2010 10:31	13.83	42.32	27.19	8.99	8.16	1.0	1.29	102.8
367	3/22/2010 10:46	13.85	42.92	27.62	8.85	8.15	0.2	1.25	101.6
368	3/22/2010 11:01	13.86	42.97	27.66	8.79	8.23	0.0	1.20	100.9
369	3/22/2010 11:16	13.86	43.02	27.70	8.82	7.90	0.6	1.18	101.3
370	3/22/2010 11:31	13.75	43.07	27.73	8.79	8.10	0.5	1.19	100.7

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	
371	3/22/2010 11:46	13.82	43.14	27.78	8.92	8.23	0.7	1.22	102.4
372	3/22/2010 12:01	13.79	43.16	27.79	8.87	8.02	0.5	1.23	101.7
373	3/22/2010 12:16	13.90	43.09	27.74	8.94	8.23	0.8	1.26	102.8
374	3/22/2010 12:31	13.92	42.39	27.25	9.00	8.12	1.0	1.32	103.1
375	3/22/2010 12:46	13.90	42.55	27.36	8.95	8.15	0.9	1.38	102.6
376	3/22/2010 13:01	13.86	42.51	27.33	8.92	8.11	0.7	1.41	102.2
377	3/22/2010 13:16	13.89	43.23	27.85	8.86	8.10	0.5	1.45	101.8
378	3/22/2010 13:31	13.93	43.00	27.68	8.96	8.23	1.3	1.52	103.0
379	3/22/2010 13:46	13.86	43.02	27.70	8.91	8.33	0.9	1.58	102.3
380	3/22/2010 14:01	13.84	43.06	27.72	8.85	8.11	0.5	1.62	101.6
381	3/22/2010 14:16	13.76	43.15	27.79	8.78	8.21	0.8	1.67	100.7
382	3/22/2010 14:31	13.74	43.16	27.79	8.70	8.31	0.1	1.74	99.7
383	3/22/2010 14:46	13.62	43.37	27.94	8.58	7.85	0.2	1.82	98.2
384	3/22/2010 15:01	13.54	43.58	28.09	8.53	8.30	0.5	1.87	97.6
385	3/22/2010 15:16	13.51	43.08	27.73	8.58	8.05	0.8	1.93	97.8
386	3/22/2010 15:31	13.57	43.64	28.13	8.58	8.08	1.3	2.01	98.2
387	3/22/2010 15:46	13.56	43.10	27.74	8.72	8.04	1.3	2.07	99.5
388	3/22/2010 16:01	13.51	44.05	28.42	8.61	8.06	1.1	2.12	98.6
389	3/22/2010 16:16	13.37	43.89	28.30	8.53	8.29	0.7	2.17	97.3
390	3/22/2010 16:31	13.41	44.33	28.62	8.53	7.97	1.0	2.23	97.6
391	3/22/2010 16:46	13.36	44.32	28.61	8.52	8.29	0.7	2.28	97.4
392	3/22/2010 17:01	13.37	44.29	28.59	8.52	8.29	0.7	2.32	97.4
393	3/22/2010 17:16	13.38	43.75	28.20	8.57	8.29	0.9	2.37	97.8
394	3/22/2010 17:31	13.48	44.39	28.66	8.60	8.06	0.7	2.41	98.6
395	3/22/2010 17:46	13.53	43.68	28.16	8.73	7.85	1.0	2.44	99.8
396	3/22/2010 18:01	13.37	44.31	28.61	8.56	8.30	0.6	2.47	97.8
397	3/22/2010 18:16	13.79	44.37	28.66	8.66	8.10	1.8	2.49	99.8
398	3/22/2010 18:31	13.63	43.73	28.20	8.54	8.08	0.8	2.50	97.9
399	3/22/2010 18:46	13.50	43.84	28.27	8.34	8.10	0.4	2.50	95.4
400	3/22/2010 19:01	13.40	43.96	28.36	8.17	7.96	0.2	2.51	93.3
401	3/22/2010 19:16	13.38	44.63	28.83	8.32	8.17	1.6	2.50	95.3
402	3/22/2010 19:31	13.41	43.80	28.24	8.52	8.09	8.7	2.48	97.2
403	3/22/2010 19:46	13.33	43.81	28.25	8.58	8.08	9.6	2.46	97.7
404	3/22/2010 20:01	13.17	44.33	28.61	8.69	8.06	12.4	2.43	98.9
405	3/22/2010 20:16	13.15	44.28	28.58	8.73	8.31	15.6	2.39	99.3
406	3/22/2010 20:31	13.17	43.64	28.12	8.71	8.11	14.6	2.35	98.8
407	3/22/2010 20:46	13.04	43.72	28.17	8.72	7.97	12.0	2.31	98.8
408	3/22/2010 21:01	13.13	43.64	28.12	8.71	8.11	14.2	2.27	98.8
409	3/22/2010 21:16	13.26	43.25	27.84	8.74	8.04	13.5	2.24	99.1
410	3/22/2010 21:31	13.45	43.74	28.20	8.69	7.86	13.2	2.19	99.2
411	3/22/2010 21:46	13.43	43.06	27.71	8.69	8.09	13.2	2.18	98.9
412	3/22/2010 22:01	13.44	43.68	28.15	8.65	8.31	12.8	2.16	98.7
413	3/22/2010 22:16	13.40	42.99	27.66	8.60	8.08	10.2	2.13	97.8
414	3/22/2010 22:31	13.37	43.08	27.73	8.54	8.30	7.8	2.11	97.1
415	3/22/2010 22:46	13.30	43.86	28.28	8.51	7.84	8.1	2.11	97.0
416	3/22/2010 23:01	13.39	43.69	28.16	8.61	8.20	9.2	2.12	98.2
417	3/22/2010 23:16	13.43	43.58	28.08	8.67	8.31	8.6	2.12	98.9
418	3/22/2010 23:31	13.53	42.79	27.52	8.75	8.04	10.0	2.15	99.7
419	3/22/2010 23:46	13.37	43.13	27.76	8.61	8.11	8.4	2.18	98.0
420	3/23/2010 0:01	13.39	43.15	27.78	8.61	8.11	8.1	2.20	98.0
421	3/23/2010 0:16	13.33	43.71	28.17	8.58	7.84	7.9	2.24	97.7
422	3/23/2010 0:31	13.37	43.03	27.69	8.61	8.05	8.5	2.27	97.8
423	3/23/2010 0:46	13.39	43.55	28.06	8.57	8.05	7.9	2.32	97.7

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	
424	3/23/2010 1:01	13.36	43.97	28.36	8.48	8.29	7.0	2.35	96.8
425	3/23/2010 1:16	13.33	43.57	28.08	8.60	8.02	7.3	2.40	97.9
426	3/23/2010 1:31	13.29	44.33	28.62	8.60	8.29	6.8	2.46	98.1
427	3/23/2010 1:46	13.20	44.23	28.54	8.62	8.19	4.7	2.51	98.2
428	3/23/2010 2:01	13.13	45.02	29.10	8.64	7.83	3.7	2.56	98.6
429	3/23/2010 2:16	13.11	44.77	28.92	8.68	8.11	3.6	2.63	98.9
430	3/23/2010 2:31	13.01	44.30	28.58	8.75	8.03	4.0	2.67	99.3
431	3/23/2010 2:46	12.91	44.91	29.02	8.74	8.31	2.4	2.73	99.2
432	3/23/2010 3:01	12.84	44.90	29.01	8.77	8.31	2.1	2.80	99.4
433	3/23/2010 3:16	12.82	44.84	28.97	8.83	8.31	2.0	2.84	100.0
434	3/23/2010 3:31	12.78	44.83	28.95	8.82	7.98	2.0	2.90	99.8
435	3/23/2010 3:46	12.66	45.23	29.24	8.90	8.13	2.0	2.95	100.6
436	3/23/2010 4:01	12.62	45.96	29.76	8.86	7.84	1.2	3.00	100.5
437	3/23/2010 4:16	12.58	46.04	29.81	8.87	8.22	1.3	3.05	100.5
438	3/23/2010 4:31	12.55	46.16	29.90	8.88	7.85	1.2	3.07	100.6
439	3/23/2010 4:46	12.53	45.70	29.57	8.92	8.33	1.0	3.11	100.8
440	3/23/2010 5:01	12.51	46.40	30.07	8.91	8.22	0.7	3.13	100.9
441	3/23/2010 5:16	12.51	45.89	29.71	8.72	8.07	1.2	3.13	98.6
442	3/23/2010 5:31	12.52	46.64	30.25	8.67	7.84	0.5	3.12	98.3
443	3/23/2010 5:46	12.50	46.67	30.27	8.71	8.33	1.8	3.10	98.8
444	3/23/2010 6:01	12.49	46.04	29.81	8.82	8.05	1.4	3.08	99.7
445	3/23/2010 6:16	12.61	45.79	29.64	8.69	8.06	1.6	3.04	98.4
446	3/23/2010 6:31	12.66	45.75	29.61	8.59	8.05	2.4	2.98	97.3
447	3/23/2010 6:46	12.67	45.61	29.51	8.55	8.20	3.5	2.92	96.9
448	3/23/2010 7:01	12.73	45.20	29.22	8.53	7.82	3.8	2.85	96.5
449	3/23/2010 7:16	12.72	45.59	29.50	8.58	7.97	4.0	2.78	97.3
450	3/23/2010 7:31	12.73	44.41	28.66	8.51	8.02	3.4	2.70	96.0
451	3/23/2010 7:46	12.70	44.59	28.78	8.44	7.95	3.5	2.63	95.2
452	3/23/2010 8:01	12.70	44.64	28.82	8.41	8.05	3.5	2.55	94.9
453	3/23/2010 8:16	12.69	44.90	29.01	8.43	8.29	3.4	2.46	95.2
454	3/23/2010 8:31	12.71	44.35	28.61	8.49	8.09	4.0	2.38	95.7
455	3/23/2010 8:46	12.67	44.92	29.02	8.46	8.29	3.4	2.29	95.6
456	3/23/2010 9:01	12.71	44.65	28.83	8.49	8.18	5.4	2.19	95.9
457	3/23/2010 9:16	12.72	44.59	28.79	8.57	8.04	5.4	2.10	96.7
458	3/23/2010 9:31	12.75	44.41	28.65	8.55	8.19	6.3	2.00	96.5
459	3/23/2010 9:46	12.82	44.09	28.43	8.60	7.83	6.9	1.90	97.0
460	3/23/2010 10:01	12.88	44.06	28.41	8.67	8.20	6.7	1.80	98.0
461	3/23/2010 10:16	12.99	43.09	27.72	8.64	8.31	7.1	1.69	97.5
462	3/23/2010 10:31	13.09	43.63	28.11	8.63	7.84	7.1	1.58	97.8
463	3/23/2010 10:46	13.20	43.65	28.12	8.71	8.06	7.1	1.49	98.9
464	3/23/2010 11:01	13.30	43.51	28.03	8.64	8.20	7.8	1.42	98.3
465	3/23/2010 11:16	13.43	43.43	27.97	8.65	7.85	6.9	1.34	98.6
466	3/23/2010 11:31	13.44	42.77	27.50	8.62	8.31	6.5	1.26	98.0
467	3/23/2010 11:46	13.49	43.36	27.93	8.60	7.99	6.2	1.21	98.1
468	3/23/2010 12:01	13.49	43.25	27.85	8.49	7.85	4.5	1.17	96.8
469	3/23/2010 12:16	13.53	43.24	27.84	8.45	8.31	4.3	1.14	96.5
470	3/23/2010 12:31	13.19	43.34	27.91	8.23	8.28	3.8	1.13	93.4
471	3/23/2010 12:46	13.17	43.45	27.98	8.24	8.28	4.9	1.13	93.5
472	3/23/2010 13:01	13.21	43.33	27.90	8.32	8.28	5.1	1.15	94.4
473	3/23/2010 13:16	13.35	42.83	27.54	8.51	8.04	5.6	1.18	96.6
474	3/23/2010 13:31	13.69	43.36	27.94	8.61	8.05	5.9	1.21	98.7
475	3/23/2010 13:46	13.64	42.79	27.52	8.64	8.05	5.7	1.24	98.7
476	3/23/2010 14:01	13.66	42.39	27.24	8.62	8.09	5.5	1.30	98.3

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	
477	3/23/2010 14:16	13.49	43.04	27.70	8.53	8.05	5.5	1.35	97.2
478	3/23/2010 14:31	13.37	42.37	27.22	8.57	8.08	5.7	1.39	97.2
479	3/23/2010 14:46	13.31	43.11	27.75	8.49	7.84	5.6	1.46	96.4
480	3/23/2010 15:01	13.24	43.03	27.69	8.47	8.29	5.4	1.52	96.0
481	3/23/2010 15:16	13.18	42.39	27.23	8.47	8.11	5.1	1.57	95.6
482	3/23/2010 15:31	13.18	43.11	27.74	8.36	8.03	4.8	1.64	94.7
483	3/23/2010 15:46	13.15	42.74	27.48	8.34	8.01	4.5	1.71	94.3
484	3/23/2010 16:01	13.10	43.67	28.13	8.37	7.82	4.4	1.78	94.9
485	3/23/2010 16:16	13.16	43.78	28.22	8.43	8.18	3.9	1.85	95.7
486	3/23/2010 16:31	13.32	43.77	28.22	8.56	8.11	4.3	1.91	97.6
487	3/23/2010 16:46	13.30	43.86	28.28	8.57	7.97	3.6	1.97	97.7
488	3/23/2010 17:01	13.32	44.42	28.68	8.57	8.19	3.1	2.05	97.9
489	3/23/2010 17:16	13.31	44.40	28.66	8.64	8.30	2.8	2.11	98.7
490	3/23/2010 17:31	13.05	44.58	28.78	8.52	8.29	2.3	2.17	96.9
491	3/23/2010 17:46	12.95	44.77	28.92	8.49	8.29	2.3	2.22	96.4
492	3/23/2010 18:01	12.95	44.83	28.96	8.49	8.29	2.2	2.28	96.4
493	3/23/2010 18:16	12.93	45.04	29.11	8.48	8.29	2.0	2.32	96.3
494	3/23/2010 18:31	12.90	45.02	29.10	8.51	8.29	2.3	2.37	96.6
495	3/23/2010 18:46	12.88	44.98	29.07	8.51	8.29	2.0	2.41	96.5
496	3/23/2010 19:01	12.88	45.24	29.25	8.52	8.29	1.8	2.45	96.8
497	3/23/2010 19:16	12.88	45.24	29.25	8.54	8.19	1.5	2.48	97.0
498	3/23/2010 19:31	12.88	45.19	29.22	8.54	8.30	1.2	2.51	96.9
499	3/23/2010 19:46	12.87	45.36	29.34	8.51	8.30	1.0	2.53	96.7
500	3/23/2010 20:01	12.95	44.44	28.69	8.40	8.07	1.0	2.55	95.2
501	3/23/2010 20:16	12.88	45.25	29.26	8.36	7.81	1.1	2.56	95.0
502	3/23/2010 20:31	12.88	44.57	28.77	8.41	8.03	1.5	2.55	95.2
503	3/23/2010 20:46	12.88	45.25	29.26	8.44	8.03	1.9	2.53	95.9
504	3/23/2010 21:01	12.89	45.29	29.29	8.42	8.29	2.1	2.50	95.7
505	3/23/2010 21:16	13.00	44.98	29.07	8.41	8.29	1.6	2.46	95.6
506	3/23/2010 21:31	13.12	44.91	29.03	8.39	7.83	1.8	2.43	95.6
507	3/23/2010 21:46	13.32	44.37	28.64	8.40	8.30	3.1	2.38	96.0
508	3/23/2010 22:01	13.22	44.45	28.70	8.46	8.30	2.2	2.34	96.4
509	3/23/2010 22:16	13.11	44.48	28.71	8.49	8.30	2.3	2.30	96.6
510	3/23/2010 22:31	13.08	44.53	28.75	8.46	8.31	2.4	2.26	96.3
511	3/23/2010 22:46	13.20	43.95	28.34	8.64	7.99	2.3	2.22	98.3
512	3/23/2010 23:01	13.27	44.44	28.69	8.58	8.07	2.4	2.18	98.0
513	3/23/2010 23:16	13.15	43.57	28.07	8.55	7.84	2.3	2.17	96.9
514	3/23/2010 23:31	13.19	44.25	28.55	8.42	8.20	2.1	2.14	95.8
515	3/23/2010 23:46	13.19	44.09	28.44	8.39	7.84	1.6	2.11	95.4
516	3/24/2010 0:01	13.14	44.31	28.60	8.19	8.29	1.5	2.12	93.1
517	3/24/2010 0:16	13.20	43.66	28.14	8.46	8.30	1.7	2.11	96.1
518	3/24/2010 0:31	13.15	44.21	28.52	8.38	7.83	2.1	2.11	95.3
519	3/24/2010 0:46	13.13	43.90	28.30	8.45	7.97	2.1	2.14	96.0
520	3/24/2010 1:01	13.14	43.93	28.32	8.47	8.30	2.1	2.14	96.2
521	3/24/2010 1:16	13.20	43.91	28.32	8.47	8.30	2.7	2.17	96.3
522	3/24/2010 1:31	13.19	44.16	28.49	8.41	8.29	2.8	2.19	95.7
523	3/24/2010 1:46	13.09	44.22	28.53	8.47	8.29	2.5	2.23	96.2
524	3/24/2010 2:01	13.08	44.26	28.56	8.45	8.29	2.6	2.27	96.0
525	3/24/2010 2:16	13.05	44.63	28.82	8.45	8.29	2.3	2.30	96.0
526	3/24/2010 2:31	12.97	44.79	28.94	8.47	8.10	2.0	2.35	96.2
527	3/24/2010 2:46	12.96	45.17	29.21	8.49	7.82	2.0	2.41	96.6
528	3/24/2010 3:01	13.00	45.02	29.10	8.50	7.82	2.0	2.46	96.7
529	3/24/2010 3:16	12.94	45.09	29.15	8.52	7.83	2.1	2.52	96.9

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	
530	3/24/2010 3:31	12.91	45.37	29.35	8.53	8.30	1.9	2.57	97.0
531	3/24/2010 3:46	12.85	45.44	29.40	8.58	8.04	2.0	2.63	97.5
532	3/24/2010 4:01	12.65	45.23	29.24	8.60	8.11	1.6	2.69	97.3
533	3/24/2010 4:16	12.61	45.51	29.44	8.59	7.96	1.8	2.73	97.1
534	3/24/2010 4:31	12.50	46.52	30.16	8.52	8.30	1.6	2.78	96.5
535	3/24/2010 4:46	12.46	46.72	30.30	8.46	7.95	1.6	2.84	95.9
536	3/24/2010 5:01	12.28	46.54	30.16	8.39	8.06	1.5	2.89	94.7
537	3/24/2010 5:16	12.22	46.67	30.26	8.37	8.29	1.3	2.94	94.3
538	3/24/2010 5:31	12.20	47.32	30.72	8.35	8.02	1.2	2.96	94.3
539	3/24/2010 5:46	12.08	47.84	31.10	8.25	8.18	0.8	3.00	93.2
540	3/24/2010 6:01	12.05	47.85	31.10	8.24	8.17	1.2	3.04	93.0
541	3/24/2010 6:16	12.00	47.24	30.66	8.19	8.01	1.0	3.08	92.1
542	3/24/2010 6:31	12.17	47.62	30.94	8.12	8.05	0.7	3.07	91.8
543	3/24/2010 6:46	12.10	47.01	30.50	8.03	7.78	1.1	3.08	90.4
544	3/24/2010 7:01	12.10	47.15	30.60	8.09	8.01	1.0	3.06	91.2
545	3/24/2010 7:16	12.08	47.38	30.76	8.07	8.04	2.3	3.02	91.0
546	3/24/2010 7:31	12.25	47.22	30.65	8.05	8.29	1.3	3.00	91.1
547	3/24/2010 7:46	12.37	45.18	29.19	8.36	8.06	2.1	2.97	93.9
548	3/24/2010 8:01	12.34	45.35	29.31	8.39	8.18	1.8	2.90	94.3
549	3/24/2010 8:16	12.33	45.65	29.53	8.36	8.06	1.8	2.81	94.0
550	3/24/2010 8:31	12.34	45.97	29.76	8.36	8.18	2.3	2.75	94.2
551	3/24/2010 8:46	12.49	45.84	29.67	8.31	7.80	2.1	2.69	93.9
552	3/24/2010 9:01	12.53	45.37	29.34	8.36	7.95	1.4	2.60	94.3
553	3/24/2010 9:16	12.56	45.59	29.49	8.45	7.81	2.0	2.52	95.5
554	3/24/2010 9:31	12.60	45.44	29.39	8.55	8.07	2.1	2.43	96.6
555	3/24/2010 9:46	12.68	44.78	28.92	8.60	8.30	2.9	2.34	97.1
556	3/24/2010 10:01	12.78	45.35	29.33	8.57	7.83	2.7	2.26	97.2
557	3/24/2010 10:16	12.85	44.74	28.89	8.64	8.03	2.7	2.14	97.9
558	3/24/2010 10:31	12.93	44.91	29.02	8.77	8.12	2.1	2.06	99.5
559	3/24/2010 10:46	13.07	44.65	28.84	8.74	7.85	2.5	1.96	99.5
560	3/24/2010 11:01	13.24	45.08	29.15	9.07	8.33	2.0	1.85	103.8
561	3/24/2010 11:16	13.36	43.90	28.31	9.05	8.06	2.1	1.74	103.3
562	3/24/2010 11:31	13.53	44.55	28.78	9.06	7.88	2.4	1.64	104.0
563	3/24/2010 11:46	13.63	44.40	28.67	9.06	8.23	2.5	1.54	104.2
564	3/24/2010 12:01	13.76	44.18	28.52	9.11	8.15	2.0	1.44	104.9
565	3/24/2010 12:16	13.93	44.09	28.46	9.27	8.35	1.6	1.36	107.1
566	3/24/2010 12:31	14.04	44.02	28.41	9.29	8.35	1.5	1.26	107.5
567	3/24/2010 12:46	14.07	43.92	28.34	9.15	8.04	1.2	1.21	106.0
568	3/24/2010 13:01	14.04	43.67	28.17	9.09	8.34	0.9	1.17	105.0
569	3/24/2010 13:16	14.17	42.95	27.65	8.73	8.04	0.3	1.13	100.8
570	3/24/2010 13:31	14.37	43.47	28.03	9.21	8.35	0.9	1.11	107.0
571	3/24/2010 13:46	14.16	44.00	28.41	9.17	8.34	3.3	1.11	106.4
572	3/24/2010 14:01	14.11	43.89	28.32	9.11	8.10	8.1	1.13	105.6
573	3/24/2010 14:16	14.02	43.81	28.26	9.02	8.08	4.2	1.15	104.3
574	3/24/2010 14:31	14.04	43.87	28.31	8.96	7.88	4.9	1.18	103.6
575	3/24/2010 14:46	14.09	43.04	27.72	8.94	8.08	8.6	1.25	103.1
576	3/24/2010 15:01	14.07	42.50	27.33	8.90	8.32	7.8	1.29	102.4
577	3/24/2010 15:16	14.05	41.87	26.88	8.89	8.32	9.3	1.34	102.0
578	3/24/2010 15:31	13.95	42.93	27.64	8.84	8.31	6.1	1.39	101.7
579	3/24/2010 15:46	13.81	43.42	27.98	8.78	7.86	7.0	1.43	100.9
580	3/24/2010 16:01	13.77	43.53	28.06	8.77	8.30	8.7	1.50	100.8
581	3/24/2010 16:16	13.68	43.80	28.25	8.76	7.85	5.7	1.56	100.5
582	3/24/2010 16:31	13.62	43.14	27.77	8.75	8.11	4.5	1.63	100.0

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	
583	3/24/2010 16:46	13.50	43.72	28.18	8.69	8.02	2.7	1.70	99.4
584	3/24/2010 17:01	13.44	44.03	28.40	8.63	8.04	3.1	1.76	98.7
585	3/24/2010 17:16	13.27	44.58	28.80	8.62	8.03	3.1	1.84	98.5
586	3/24/2010 17:31	13.19	44.19	28.51	8.71	8.07	3.1	1.90	99.2
587	3/24/2010 17:46	13.12	45.10	29.16	8.67	8.04	3.3	1.97	98.9
588	3/24/2010 18:01	13.04	45.14	29.19	8.68	8.29	3.0	2.05	98.9
589	3/24/2010 18:16	12.99	44.53	28.75	8.69	8.01	3.5	2.14	98.6
590	3/24/2010 18:31	12.93	45.39	29.36	8.63	7.82	4.3	2.21	98.2
591	3/24/2010 18:46	12.87	45.46	29.41	8.58	8.18	4.9	2.27	97.5
592	3/24/2010 19:01	12.83	45.56	29.48	8.53	7.95	4.3	2.31	96.9
593	3/24/2010 19:16	12.77	45.65	29.54	8.56	8.18	4.8	2.39	97.2
594	3/24/2010 19:31	12.73	45.14	29.18	8.62	8.03	4.4	2.44	97.6
595	3/24/2010 19:46	12.70	45.85	29.69	8.61	7.81	4.2	2.48	97.7
596	3/24/2010 20:01	12.70	46.00	29.79	8.60	7.81	4.0	2.54	97.7
597	3/24/2010 20:16	12.70	45.86	29.69	8.59	8.29	4.3	2.59	97.5
598	3/24/2010 20:31	12.68	45.45	29.40	8.60	8.28	3.7	2.64	97.4
599	3/24/2010 20:46	12.66	46.22	29.95	8.55	8.02	3.2	2.68	97.1
600	3/24/2010 21:01	12.59	46.54	30.18	8.51	7.80	2.5	2.69	96.6
601	3/24/2010 21:16	12.54	45.97	29.77	8.47	8.02	2.0	2.74	95.8
602	3/24/2010 21:31	12.51	46.61	30.23	8.33	8.02	0.9	2.74	94.4
603	3/24/2010 21:46	12.51	46.77	30.34	8.43	8.28	3.3	2.72	95.6
604	3/24/2010 22:01	12.59	45.47	29.41	8.40	8.28	2.0	2.71	94.9
605	3/24/2010 22:16	12.59	45.61	29.51	8.42	8.02	2.9	2.66	95.2
606	3/24/2010 22:31	12.60	45.65	29.54	8.43	7.94	2.7	2.63	95.3
607	3/24/2010 22:46	12.63	45.08	29.13	8.44	8.28	2.9	2.57	95.3
608	3/24/2010 23:01	12.61	45.33	29.31	8.37	7.80	2.4	2.51	94.5
609	3/24/2010 23:16	12.74	45.24	29.25	8.36	7.80	2.5	2.44	94.7
610	3/24/2010 23:31	12.77	45.33	29.31	8.31	8.28	2.1	2.38	94.3
611	3/24/2010 23:46	12.78	45.42	29.38	8.28	8.17	2.1	2.34	93.9
612	3/25/2010 0:01	12.78	44.61	28.80	8.23	8.04	1.8	2.29	93.0
613	3/25/2010 0:16	12.79	44.90	29.01	8.28	7.79	2.3	2.24	93.7
614	3/25/2010 0:31	12.81	44.67	28.84	8.31	8.08	1.8	2.21	94.0
615	3/25/2010 0:46	12.80	44.16	28.48	8.31	7.99	1.7	2.16	93.8
616	3/25/2010 1:01	12.81	44.10	28.44	8.36	7.99	1.8	2.14	94.3
617	3/25/2010 1:16	12.75	43.94	28.32	8.30	8.08	1.4	2.13	93.5
618	3/25/2010 1:31	12.85	44.53	28.74	8.23	7.80	1.1	2.09	93.1
619	3/25/2010 1:46	12.83	44.68	28.85	8.11	8.27	0.8	2.10	91.9
620	3/25/2010 2:01	12.80	44.29	28.57	8.29	8.05	1.1	2.09	93.6
621	3/25/2010 2:16	12.78	43.73	28.17	8.37	8.08	1.6	2.11	94.3
622	3/25/2010 2:31	12.76	43.74	28.18	8.37	8.05	1.5	2.11	94.2
623	3/25/2010 2:46	12.72	44.35	28.61	8.28	8.04	2.5	2.14	93.4
624	3/25/2010 3:01	12.73	45.17	29.20	8.26	8.00	2.4	2.17	93.5
625	3/25/2010 3:16	12.71	44.99	29.07	8.29	8.26	2.3	2.21	93.8
626	3/25/2010 3:31	12.67	44.95	29.04	8.33	7.79	2.6	2.26	94.1
627	3/25/2010 3:46	12.69	45.35	29.33	8.27	8.16	2.8	2.29	93.6
628	3/25/2010 4:01	12.60	45.31	29.30	8.34	8.27	3.4	2.37	94.2
629	3/25/2010 4:16	12.55	45.63	29.53	8.37	8.17	3.1	2.41	94.6
630	3/25/2010 4:31	12.51	45.47	29.41	8.41	8.17	3.5	2.46	94.9
631	3/25/2010 4:46	12.45	45.04	29.10	8.48	8.05	2.4	2.55	95.4
632	3/25/2010 5:01	12.44	45.95	29.75	8.47	7.80	2.6	2.58	95.6
633	3/25/2010 5:16	12.41	46.01	29.79	8.48	8.18	2.4	2.65	95.7
634	3/25/2010 5:31	12.38	45.80	29.64	8.50	8.28	2.0	2.71	95.7
635	3/25/2010 5:46	12.32	46.03	29.80	8.51	8.09	2.1	2.78	95.9

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	
636	3/25/2010 6:01	12.26	46.72	30.29	8.50	7.79	1.6	2.83	95.9
637	3/25/2010 6:16	12.22	47.03	30.52	8.46	7.79	1.8	2.89	95.5
638	3/25/2010 6:31	12.19	47.16	30.61	8.43	7.79	1.8	2.95	95.2
639	3/25/2010 6:46	12.16	47.50	30.85	8.43	8.27	1.8	3.00	95.2
640	3/25/2010 7:01	12.13	47.37	30.76	8.47	8.28	1.9	3.05	95.6
641	3/25/2010 7:16	12.10	47.59	30.91	8.47	7.79	2.1	3.08	95.6
642	3/25/2010 7:31	12.05	46.94	30.45	8.50	8.01	1.3	3.12	95.7
643	3/25/2010 7:46	12.08	47.67	30.97	8.37	8.27	1.2	3.15	94.5
644	3/25/2010 8:01	12.06	47.71	31.00	8.33	7.78	0.9	3.15	94.1
645	3/25/2010 8:16	12.02	47.11	30.57	8.44	7.98	1.8	3.15	94.9
646	3/25/2010 8:31	12.02	47.86	31.10	8.41	7.78	1.9	3.12	94.9
647	3/25/2010 8:46	12.06	47.38	30.76	8.41	8.27	2.0	3.09	94.7
648	3/25/2010 9:01	12.20	46.68	30.26	8.37	8.27	2.7	3.05	94.4
649	3/25/2010 9:16	12.25	46.30	29.99	8.42	7.93	4.8	2.97	94.8
650	3/25/2010 9:31	12.17	46.16	29.89	8.47	8.27	2.1	2.91	95.2
651	3/25/2010 9:46	12.26	46.58	30.19	8.35	8.17	2.6	2.83	94.2
652	3/25/2010 10:01	12.34	46.18	29.91	8.36	7.79	3.3	2.74	94.3
653	3/25/2010 10:16	12.40	46.03	29.80	8.36	8.16	1.7	2.66	94.3
654	3/25/2010 10:31	12.45	45.30	29.29	8.45	7.79	2.0	2.55	95.1
655	3/25/2010 10:46	12.48	45.84	29.67	8.47	8.17	2.1	2.48	95.7
656	3/25/2010 11:01	12.52	45.70	29.57	8.54	7.80	1.6	2.38	96.5
657	3/25/2010 11:16	12.56	45.54	29.46	8.58	7.81	2.7	2.27	97.0
658	3/25/2010 11:31	12.61	44.45	28.68	8.61	8.00	3.4	2.17	96.9
659	3/25/2010 11:46	12.66	44.71	28.87	8.58	8.28	3.5	2.06	96.8
660	3/25/2010 12:01	12.64	44.84	28.96	8.68	8.29	3.2	1.95	98.0
661	3/25/2010 12:16	12.69	44.52	28.73	8.71	8.02	3.8	1.85	98.2
662	3/25/2010 12:31	12.74	44.43	28.67	8.80	8.05	3.3	1.73	99.4
663	3/25/2010 12:46	12.80	44.13	28.45	8.69	7.83	3.3	1.61	98.0
664	3/25/2010 13:01	12.81	43.93	28.31	8.86	7.98	2.9	1.51	99.9
665	3/25/2010 13:16	12.85	43.41	27.94	8.93	7.99	2.8	1.40	100.6
666	3/25/2010 13:31	12.91	43.96	28.34	8.81	7.85	2.8	1.30	99.6
667	3/25/2010 13:46	12.97	43.18	27.79	8.78	8.32	2.9	1.22	99.1
668	3/25/2010 14:01	12.99	43.41	27.95	8.69	8.04	3.6	1.15	98.2
669	3/25/2010 14:16	13.01	42.98	27.65	8.70	8.13	3.8	1.08	98.1
670	3/25/2010 14:31	13.02	42.99	27.65	8.61	8.04	2.9	1.06	97.2
671	3/25/2010 14:46	13.00	43.69	28.15	8.72	8.22	4.4	1.05	98.6
672	3/25/2010 15:01	12.94	43.08	27.71	8.70	8.08	6.7	1.04	98.0
673	3/25/2010 15:16	12.90	43.79	28.22	8.72	8.08	4.5	1.08	98.4
674	3/25/2010 15:31	12.87	43.74	28.18	8.68	8.04	9.3	1.11	97.9
675	3/25/2010 15:46	12.88	43.16	27.77	8.68	8.04	6.5	1.16	97.7
676	3/25/2010 16:01	12.84	43.08	27.71	8.65	7.82	6.8	1.22	97.2
677	3/25/2010 16:16	12.84	42.39	27.22	8.61	8.06	4.9	1.30	96.5
678	3/25/2010 16:31	12.84	43.02	27.66	8.54	8.03	4.4	1.37	96.0
679	3/25/2010 16:46	12.81	43.03	27.67	8.48	8.27	3.8	1.45	95.3
680	3/25/2010 17:01	12.80	43.07	27.70	8.53	8.17	4.2	1.53	95.9
681	3/25/2010 17:16	12.77	42.46	27.26	8.55	8.06	3.4	1.60	95.7
682	3/25/2010 17:31	12.78	42.63	27.39	8.51	8.09	3.1	1.64	95.4
683	3/25/2010 17:46	12.77	43.28	27.85	8.49	8.00	2.8	1.71	95.4
684	3/25/2010 18:01	12.76	43.58	28.07	8.47	7.80	2.6	1.79	95.3
685	3/25/2010 18:16	12.72	43.72	28.16	8.46	8.01	2.4	1.88	95.1
686	3/25/2010 18:31	12.65	43.53	28.02	8.48	8.08	2.5	1.97	95.1
687	3/25/2010 18:46	12.58	44.54	28.75	8.46	7.79	2.7	2.05	95.3
688	3/25/2010 19:01	12.58	44.79	28.92	8.45	7.79	2.8	2.14	95.3

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	
689	3/25/2010 19:16	12.52	44.72	28.87	8.53	8.27	3.5	2.24	95.9
690	3/25/2010 19:31	12.53	44.35	28.60	8.50	7.79	3.2	2.30	95.4
691	3/25/2010 19:46	12.50	45.10	29.14	8.41	8.26	3.5	2.38	94.7
692	3/25/2010 20:01	12.47	45.21	29.22	8.41	8.26	3.4	2.45	94.7
693	3/25/2010 20:16	12.39	44.74	28.88	8.51	7.98	4.8	2.51	95.4
694	3/25/2010 20:31	12.34	45.45	29.39	8.51	8.01	4.4	2.57	95.6
695	3/25/2010 20:46	12.31	45.61	29.50	8.50	8.26	3.5	2.66	95.6
696	3/25/2010 21:01	12.24	45.85	29.67	8.53	8.01	3.5	2.72	95.9
697	3/25/2010 21:16	12.20	45.97	29.75	8.54	8.27	3.4	2.76	95.9
698	3/25/2010 21:31	12.10	46.28	29.97	8.63	8.27	3.3	2.81	96.9
699	3/25/2010 21:46	12.05	46.49	30.12	8.65	8.01	2.4	2.83	97.1
700	3/25/2010 22:01	12.08	45.71	29.56	8.39	8.04	1.5	2.83	93.9
701	3/25/2010 22:16	12.05	46.41	30.06	8.54	8.00	2.9	2.86	95.8
702	3/25/2010 22:31	12.04	46.62	30.21	8.55	8.26	2.5	2.83	96.0
703	3/25/2010 22:46	12.12	46.14	29.87	8.46	8.26	3.1	2.79	95.0
704	3/25/2010 23:01	12.11	45.33	29.29	8.37	7.92	3.3	2.76	93.5
705	3/25/2010 23:16	12.15	44.92	29.00	8.35	7.77	3.1	2.69	93.3
706	3/25/2010 23:31	12.25	44.90	28.99	8.24	8.25	3.7	2.61	92.2
707	3/25/2010 23:46	12.23	44.33	28.58	8.28	7.99	3.4	2.55	92.4
708	3/26/2010 0:01	12.28	45.07	29.11	8.27	8.15	3.1	2.48	92.7
709	3/26/2010 0:16	12.27	44.94	29.02	8.27	7.92	3.2	2.42	92.6
710	3/26/2010 0:31	12.26	44.84	28.95	8.27	7.77	3.2	2.34	92.6
711	3/26/2010 0:46	12.19	44.40	28.63	8.33	7.97	3.7	2.27	92.9
712	3/26/2010 1:01	12.17	44.54	28.72	8.30	8.02	3.5	2.20	92.6
713	3/26/2010 1:16	12.15	44.44	28.65	8.29	8.25	3.6	2.15	92.4
714	3/26/2010 1:31	12.07	44.01	28.35	8.29	7.91	3.3	2.07	92.1
715	3/26/2010 1:46	12.08	44.06	28.38	8.28	8.02	3.5	2.02	91.9
716	3/26/2010 2:01	12.09	43.92	28.29	8.24	7.76	2.7	1.96	91.5
717	3/26/2010 2:16	12.09	43.88	28.26	8.22	7.90	2.6	1.92	91.3
718	3/26/2010 2:31	12.05	43.87	28.24	8.19	7.90	2.3	1.87	90.9
719	3/26/2010 2:46	12.10	43.70	28.12	8.14	7.76	1.2	1.87	90.3
720	3/26/2010 3:01	12.09	43.46	27.96	8.17	7.90	2.0	1.85	90.6
721	3/26/2010 3:16	12.16	43.74	28.16	8.16	7.76	2.2	1.84	90.7
722	3/26/2010 3:31	12.19	43.97	28.32	8.17	8.24	3.5	1.85	90.9
723	3/26/2010 3:46	12.15	44.01	28.35	8.21	8.24	3.8	1.89	91.3
724	3/26/2010 4:01	12.10	43.90	28.27	8.23	8.14	3.3	1.93	91.4
725	3/26/2010 4:16	12.11	43.81	28.20	8.23	8.24	4.2	1.98	91.3
726	3/26/2010 4:31	12.09	43.76	28.17	8.22	8.24	3.4	2.03	91.3
727	3/26/2010 4:46	12.08	43.34	27.87	8.26	8.14	3.4	2.10	91.4
728	3/26/2010 5:01	12.14	43.83	28.22	8.22	7.76	3.8	2.16	91.3
729	3/26/2010 5:16	12.19	44.33	28.58	8.23	8.25	3.6	2.23	91.8
730	3/26/2010 5:31	12.16	44.67	28.82	8.26	8.14	3.5	2.31	92.1
731	3/26/2010 5:46	12.10	44.66	28.81	8.29	8.25	3.2	2.36	92.4
732	3/26/2010 6:01	12.08	44.98	29.04	8.32	8.25	3.7	2.42	92.8
733	3/26/2010 6:16	12.03	45.14	29.15	8.36	7.91	3.3	2.50	93.2
734	3/26/2010 6:31	11.96	45.32	29.28	8.48	7.77	3.4	2.55	94.5
735	3/26/2010 6:46	11.92	45.44	29.36	8.49	8.26	3.4	2.63	94.6
736	3/26/2010 7:01	11.89	45.97	29.74	8.57	8.26	3.7	2.71	95.7
737	3/26/2010 7:16	11.79	46.53	30.14	8.67	7.77	3.8	2.78	96.8
738	3/26/2010 7:31	11.77	46.46	30.09	8.69	8.27	3.6	2.85	96.9
739	3/26/2010 7:46	11.73	46.70	30.26	8.75	8.27	3.7	2.93	97.6
740	3/26/2010 8:01	11.67	46.98	30.46	8.80	7.78	4.1	3.00	98.2
741	3/26/2010 8:16	11.61	46.91	30.41	8.83	8.28	3.4	3.04	98.4

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	
742	3/26/2010 8:31	11.55	46.78	30.31	8.89	8.04	3.7	3.09	98.8
743	3/26/2010 8:46	11.50	47.25	30.64	8.88	8.05	2.9	3.15	98.9
744	3/26/2010 9:01	11.47	47.31	30.68	8.92	8.28	2.6	3.18	99.3
745	3/26/2010 9:16	11.44	47.26	30.65	8.86	8.28	1.5	3.20	98.5
746	3/26/2010 9:31	11.47	47.31	30.68	8.83	7.78	3.2	3.20	98.3
747	3/26/2010 9:46	11.44	47.36	30.72	8.90	8.17	3.0	3.18	98.9
748	3/26/2010 10:01	11.44	47.36	30.72	8.89	8.08	3.1	3.14	98.9
749	3/26/2010 10:16	11.55	46.36	30.01	8.89	7.99	3.2	3.10	98.7
750	3/26/2010 10:31	11.77	46.42	30.05	8.84	8.28	3.8	3.02	98.6
751	3/26/2010 10:46	11.84	46.29	29.97	8.80	8.17	4.2	2.95	98.3
752	3/26/2010 11:01	11.82	46.09	29.82	8.77	8.05	3.8	2.86	97.8
753	3/26/2010 11:16	11.89	45.95	29.72	8.70	8.27	4.7	2.77	97.1
754	3/26/2010 11:31	12.02	45.50	29.41	8.66	8.17	3.7	2.67	96.7
755	3/26/2010 11:46	12.24	44.41	28.64	8.88	8.28	3.2	2.56	99.1
756	3/26/2010 12:01	12.36	45.25	29.25	9.01	8.30	1.8	2.45	101.2
757	3/26/2010 12:16	12.44	44.95	29.03	8.91	8.29	2.6	2.35	100.2
758	3/26/2010 12:31	12.67	44.39	28.64	9.19	8.08	3.2	2.22	103.6
759	3/26/2010 12:46	12.73	44.33	28.60	9.18	8.12	3.4	2.10	103.6
760	3/26/2010 13:01	12.95	44.44	28.69	9.25	8.31	3.1	1.99	104.9
761	3/26/2010 13:16	12.97	44.30	28.58	9.21	8.21	4.2	1.86	104.3
762	3/26/2010 13:31	13.09	44.28	28.57	9.36	8.22	3.5	1.73	106.3
763	3/26/2010 13:46	13.12	43.81	28.24	9.30	8.22	3.0	1.61	105.5
764	3/26/2010 14:01	13.21	43.10	27.74	9.47	8.09	2.6	1.48	107.3
765	3/26/2010 14:16	13.17	43.74	28.19	9.43	8.09	2.6	1.35	107.1
766	3/26/2010 14:31	13.25	43.56	28.06	9.49	8.34	2.4	1.25	107.8
767	3/26/2010 14:46	13.19	43.37	27.92	9.43	8.34	1.9	1.16	106.9
768	3/26/2010 15:01	13.16	42.67	27.43	9.42	8.16	2.0	1.07	106.4
769	3/26/2010 15:16	13.26	42.72	27.47	9.44	8.14	1.3	1.01	106.9
770	3/26/2010 15:31	13.22	43.20	27.81	9.27	7.89	0.7	0.98	105.1
771	3/26/2010 15:46	13.44	42.66	27.43	9.57	8.36	2.2	0.97	108.8
772	3/26/2010 16:01	13.41	43.46	28.00	9.53	7.90	2.5	0.99	108.6
773	3/26/2010 16:16	13.29	43.41	27.96	9.44	8.34	2.1	1.03	107.3
774	3/26/2010 16:31	13.22	43.47	28.00	9.36	8.33	4.0	1.08	106.3
775	3/26/2010 16:46	13.25	43.35	27.91	9.37	7.88	2.6	1.14	106.4
776	3/26/2010 17:01	13.21	43.11	27.74	9.31	7.87	2.6	1.22	105.5
777	3/26/2010 17:16	13.12	42.49	27.30	9.22	8.21	3.3	1.28	104.0
778	3/26/2010 17:31	13.08	42.32	27.18	9.21	8.04	3.1	1.37	103.7
779	3/26/2010 17:46	13.04	42.48	27.29	9.14	8.08	2.8	1.44	102.9
780	3/26/2010 18:01	13.00	42.89	27.58	9.06	7.83	2.5	1.51	102.1
781	3/26/2010 18:16	13.00	41.89	26.87	9.07	8.07	2.9	1.60	101.8
782	3/26/2010 18:31	12.86	42.82	27.53	8.89	8.03	2.6	1.70	99.9
783	3/26/2010 18:46	12.76	42.98	27.63	8.79	7.80	3.4	1.80	98.6
784	3/26/2010 19:01	12.68	43.54	28.03	8.71	7.79	2.9	1.89	97.8
785	3/26/2010 19:16	12.64	43.96	28.33	8.67	8.26	3.1	1.99	97.4
786	3/26/2010 19:31	12.62	43.44	27.96	8.74	8.08	3.7	2.10	97.9
787	3/26/2010 19:46	12.62	44.18	28.49	8.72	8.16	4.7	2.18	98.0
788	3/26/2010 20:01	12.63	43.18	27.78	8.79	8.04	4.3	2.28	98.4
789	3/26/2010 20:16	12.53	44.23	28.52	8.70	8.00	4.3	2.37	97.7
790	3/26/2010 20:31	12.51	43.98	28.34	8.74	8.26	6.2	2.46	97.9
791	3/26/2010 20:46	12.46	44.92	29.01	8.79	7.78	8.1	2.55	98.9
792	3/26/2010 21:01	12.41	45.10	29.14	8.82	7.92	8.3	2.63	99.1
793	3/26/2010 21:16	12.27	45.36	29.32	8.88	8.26	10.5	2.72	99.6
794	3/26/2010 21:31	12.11	46.16	29.88	9.04	8.17	9.8	2.79	101.4

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	
795	3/26/2010 21:46	12.04	46.32	30.00	9.11	8.18	7.6	2.86	102.1
796	3/26/2010 22:01	11.99	46.65	30.23	9.16	8.29	6.5	2.92	102.7
797	3/26/2010 22:16	11.95	46.82	30.35	9.20	7.95	4.9	2.98	103.2
798	3/26/2010 22:31	11.91	46.17	29.88	9.27	8.19	4.6	3.02	103.6
799	3/26/2010 22:46	11.91	46.25	29.94	9.21	8.29	2.6	3.04	103.0
800	3/26/2010 23:01	11.91	46.76	30.31	9.17	8.03	3.8	3.05	102.7
801	3/26/2010 23:16	11.88	47.05	30.52	9.20	8.29	4.6	3.03	103.1
802	3/26/2010 23:31	12.00	46.28	29.96	9.12	8.29	6.2	2.98	102.1
803	3/26/2010 23:46	12.11	45.60	29.48	8.89	8.28	5.9	2.92	99.5
804	3/27/2010 0:01	12.14	45.01	29.06	8.89	8.28	5.9	2.84	99.3
805	3/27/2010 0:16	12.14	45.01	29.06	8.93	7.99	8.2	2.76	99.8
806	3/27/2010 0:31	12.22	45.06	29.10	8.77	7.78	8.1	2.67	98.1
807	3/27/2010 0:46	12.20	44.92	29.00	8.70	7.78	4.8	2.56	97.3
808	3/27/2010 1:01	12.24	44.68	28.83	8.62	7.77	4.9	2.47	96.3
809	3/27/2010 1:16	12.23	44.51	28.71	8.58	8.25	4.5	2.38	95.9
810	3/27/2010 1:31	12.29	44.14	28.44	8.56	7.91	4.9	2.28	95.6
811	3/27/2010 1:46	12.22	43.52	28.00	8.58	7.76	4.9	2.19	95.4
812	3/27/2010 2:01	12.21	43.94	28.30	8.54	8.24	4.0	2.11	95.1
813	3/27/2010 2:16	12.23	43.65	28.09	8.57	7.77	4.0	2.02	95.4
814	3/27/2010 2:31	12.27	43.24	27.80	8.54	8.24	4.6	1.93	94.9
815	3/27/2010 2:46	12.18	43.44	27.95	8.51	7.90	3.5	1.85	94.5
816	3/27/2010 3:01	12.26	42.93	27.59	8.55	8.15	3.8	1.78	94.9
817	3/27/2010 3:16	12.26	42.81	27.50	8.61	8.26	3.5	1.70	95.5
818	3/27/2010 3:31	12.22	42.86	27.53	8.60	8.26	3.8	1.65	95.4
819	3/27/2010 3:46	12.33	42.04	26.96	8.61	8.08	2.7	1.62	95.3
820	3/27/2010 4:01	12.28	42.54	27.31	8.51	7.79	1.8	1.59	94.3
821	3/27/2010 4:16	12.29	42.94	27.59	8.53	8.25	2.9	1.60	94.7
822	3/27/2010 4:31	12.26	42.87	27.54	8.49	8.24	3.8	1.60	94.2
823	3/27/2010 4:46	12.29	43.16	27.75	8.49	8.24	3.6	1.65	94.4
824	3/27/2010 5:01	12.22	43.05	27.66	8.49	7.91	4.3	1.70	94.2
825	3/27/2010 5:16	12.21	42.78	27.48	8.51	8.14	4.0	1.76	94.2
826	3/27/2010 5:31	12.14	41.64	26.67	8.54	8.04	4.3	1.85	94.0
827	3/27/2010 5:46	12.28	42.51	27.29	8.46	8.01	4.3	1.93	93.8
828	3/27/2010 6:01	12.28	43.30	27.85	8.45	8.23	5.5	2.02	94.0
829	3/27/2010 6:16	12.25	43.68	28.12	8.50	7.76	4.7	2.09	94.6
830	3/27/2010 6:31	12.21	43.15	27.74	8.55	7.76	4.0	2.17	94.9
831	3/27/2010 6:46	12.20	43.80	28.20	8.60	8.02	5.1	2.25	95.6
832	3/27/2010 7:01	12.20	43.90	28.27	8.66	7.91	5.1	2.32	96.4
833	3/27/2010 7:16	12.14	44.18	28.47	8.71	8.03	5.5	2.40	96.9
834	3/27/2010 7:31	12.16	44.98	29.04	8.69	8.00	5.9	2.47	97.1
835	3/27/2010 7:46	12.05	45.38	29.32	8.77	8.26	6.3	2.57	97.9
836	3/27/2010 8:01	11.95	44.71	28.84	8.86	8.04	9.5	2.64	98.5
837	3/27/2010 8:16	11.87	45.80	29.62	8.87	8.16	8.4	2.72	98.9
838	3/27/2010 8:31	11.79	46.12	29.85	8.93	7.79	8.2	2.82	99.5
839	3/27/2010 8:46	11.71	45.39	29.32	9.00	8.05	7.4	2.90	99.8
840	3/27/2010 9:01	11.61	45.77	29.58	9.05	8.28	7.9	2.99	100.3
841	3/27/2010 9:16	11.52	46.07	29.80	9.09	8.02	8.4	3.07	100.7
842	3/27/2010 9:31	11.43	47.12	30.54	9.11	8.29	6.8	3.14	101.1
843	3/27/2010 9:46	11.39	46.77	30.29	9.18	7.80	5.9	3.20	101.7
844	3/27/2010 10:01	11.36	47.43	30.77	9.17	8.30	4.8	3.25	101.8
845	3/27/2010 10:16	11.32	46.95	30.42	9.14	7.81	3.2	3.29	101.2
846	3/27/2010 10:31	11.42	46.78	30.30	9.09	8.04	5.3	3.30	100.8
847	3/27/2010 10:46	11.33	47.42	30.76	9.05	8.04	4.5	3.29	100.5

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	
848	3/27/2010 11:01	11.33	47.12	30.54	9.10	8.07	4.6	3.26	100.8
849	3/27/2010 11:16	11.37	47.59	30.88	9.05	8.20	5.9	3.19	100.6
850	3/27/2010 11:31	12.18	46.15	29.88	9.27	8.20	5.6	3.12	104.2
851	3/27/2010 11:46	12.16	45.47	29.39	9.37	8.12	4.1	3.02	105.0
852	3/27/2010 12:01	12.25	45.53	29.44	9.30	8.11	3.3	2.92	104.4
853	3/27/2010 12:16	12.33	45.07	29.12	9.37	8.08	2.7	2.81	105.2
854	3/27/2010 12:31	12.54	44.94	29.02	9.35	8.08	2.7	2.70	105.3
855	3/27/2010 12:46	12.60	45.45	29.39	9.29	8.05	3.2	2.58	105.0
856	3/27/2010 13:01	12.66	45.12	29.16	9.44	8.12	2.3	2.46	106.7
857	3/27/2010 13:16	12.74	44.23	28.52	9.39	7.97	3.5	2.34	105.8
858	3/27/2010 13:31	12.92	45.00	29.08	9.62	8.04	2.4	2.22	109.2
859	3/27/2010 13:46	12.98	43.76	28.20	9.44	7.98	4.5	2.10	106.8
860	3/27/2010 14:01	13.24	44.39	28.66	9.53	8.07	4.3	1.97	108.7
861	3/27/2010 14:16	13.34	43.33	27.90	9.60	8.11	4.5	1.84	109.2
862	3/27/2010 14:31	13.38	43.77	28.22	9.58	8.11	3.9	1.71	109.3
863	3/27/2010 14:46	13.66	42.97	27.65	9.76	8.16	3.7	1.59	111.6
864	3/27/2010 15:01	13.86	43.39	27.96	9.88	8.18	3.0	1.45	113.7
865	3/27/2010 15:16	13.97	43.20	27.82	9.90	8.19	3.0	1.34	114.0
866	3/27/2010 15:31	14.03	42.92	27.63	9.89	8.19	3.7	1.23	113.9
867	3/27/2010 15:46	13.95	42.94	27.64	9.81	7.92	3.4	1.13	112.8
868	3/27/2010 16:01	14.01	42.76	27.52	9.73	8.35	2.7	1.07	111.9
869	3/27/2010 16:16	14.07	42.68	27.46	9.57	8.36	2.3	1.03	110.2
870	3/27/2010 16:31	14.16	42.14	27.07	9.55	8.16	2.3	0.99	109.9
871	3/27/2010 16:46	14.05	42.91	27.62	9.73	7.92	6.7	1.02	112.2
872	3/27/2010 17:01	13.94	42.68	27.45	9.75	8.17	7.0	1.06	111.9
873	3/27/2010 17:16	13.87	42.34	27.21	9.74	8.25	6.7	1.10	111.5
874	3/27/2010 17:31	13.81	40.39	25.83	9.54	8.31	12.9	1.17	108.1
875	3/27/2010 17:46	13.79	40.12	25.63	9.51	7.87	11.0	1.26	107.6
876	3/27/2010 18:01	13.75	41.35	26.50	9.52	8.31	6.5	1.35	108.3
877	3/27/2010 18:16	13.65	41.01	26.26	9.39	8.04	6.7	1.43	106.4
878	3/27/2010 18:31	13.64	40.56	25.95	9.42	8.29	5.0	1.52	106.4
879	3/27/2010 18:46	13.57	41.20	26.40	9.43	7.99	3.7	1.61	106.8
880	3/27/2010 19:01	13.45	41.98	26.95	9.37	8.08	2.9	1.71	106.2
881	3/27/2010 19:16	13.26	42.59	27.37	9.20	8.07	3.6	1.81	104.1
882	3/27/2010 19:31	13.09	43.36	27.92	9.11	7.82	4.6	1.91	103.0
883	3/27/2010 19:46	12.96	42.95	27.62	9.15	8.02	6.5	2.02	103.1
884	3/27/2010 20:01	12.91	44.30	28.58	9.10	8.03	7.3	2.12	103.0
885	3/27/2010 20:16	12.83	43.72	28.17	9.12	8.05	8.9	2.21	102.8
886	3/27/2010 20:31	12.80	43.79	28.21	9.10	8.00	9.9	2.31	102.6
887	3/27/2010 20:46	12.73	44.65	28.83	9.06	8.17	10.1	2.41	102.3
888	3/27/2010 21:01	12.60	44.31	28.58	9.13	8.00	14.3	2.51	102.7
889	3/27/2010 21:16	12.51	45.40	29.36	9.12	7.81	10.3	2.60	102.9
890	3/27/2010 21:31	12.42	45.67	29.55	9.14	7.81	12.0	2.70	103.0
891	3/27/2010 21:46	12.30	45.90	29.71	9.18	8.18	12.3	2.81	103.3
892	3/27/2010 22:01	12.14	46.00	29.77	9.24	8.19	12.8	2.89	103.7
893	3/27/2010 22:16	12.06	46.92	30.43	9.26	8.05	11.4	2.99	104.1
894	3/27/2010 22:31	12.02	47.09	30.55	9.25	8.31	9.8	3.07	104.0
895	3/27/2010 22:46	11.97	46.92	30.42	9.27	8.12	8.2	3.14	104.1
896	3/27/2010 23:01	11.92	47.12	30.57	9.24	8.31	5.6	3.20	103.7
897	3/27/2010 23:16	11.88	47.28	30.68	9.17	8.06	5.0	3.24	103.0
898	3/27/2010 23:31	11.84	46.70	30.26	9.14	8.04	3.2	3.27	102.3
899	3/27/2010 23:46	11.92	46.66	30.24	9.08	8.08	4.9	3.26	101.7
900	3/28/2010 0:01	11.83	47.53	30.86	9.04	7.83	4.3	3.22	101.5

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	
901	3/28/2010 0:16	12.04	46.75	30.30	9.05	8.04	9.2	3.17	101.6
902	3/28/2010 0:31	12.14	45.37	29.32	9.06	8.29	6.7	3.07	101.4
903	3/28/2010 0:46	12.22	45.64	29.52	8.98	7.95	6.5	2.98	100.8
904	3/28/2010 1:01	12.35	44.73	28.87	8.94	8.02	8.4	2.89	100.2
905	3/28/2010 1:16	12.38	45.17	29.18	8.90	8.27	6.3	2.76	100.1
906	3/28/2010 1:31	12.36	45.33	29.30	8.92	8.17	6.0	2.63	100.3
907	3/28/2010 1:46	12.39	44.51	28.71	8.93	8.17	5.4	2.52	100.1
908	3/28/2010 2:01	12.39	44.91	29.00	8.90	8.01	4.7	2.42	99.9
909	3/28/2010 2:16	12.47	44.53	28.73	8.89	8.05	6.4	2.31	99.8
910	3/28/2010 2:31	12.54	43.83	28.23	8.87	8.08	5.1	2.19	99.4
911	3/28/2010 2:46	12.53	43.58	28.05	8.86	8.01	7.3	2.07	99.2
912	3/28/2010 3:01	12.70	43.58	28.06	8.83	8.01	6.3	1.97	99.2
913	3/28/2010 3:16	12.56	43.95	28.32	8.76	8.25	6.7	1.83	98.3
914	3/28/2010 3:31	12.76	43.18	27.78	8.79	8.05	6.3	1.76	98.7
915	3/28/2010 3:46	12.79	43.32	27.88	8.74	7.94	5.5	1.63	98.3
916	3/28/2010 4:01	12.84	43.07	27.70	8.76	8.02	6.3	1.56	98.5
917	3/28/2010 4:16	12.96	43.00	27.66	8.75	8.17	5.4	1.49	98.6
918	3/28/2010 4:31	12.99	42.86	27.56	8.77	7.82	5.3	1.40	98.8
919	3/28/2010 4:46	13.03	42.20	27.09	8.78	8.27	5.7	1.33	98.7
920	3/28/2010 5:01	13.05	42.65	27.41	8.68	8.03	3.5	1.32	97.8
921	3/28/2010 5:16	13.00	42.19	27.08	8.75	8.09	5.5	1.35	98.3
922	3/28/2010 5:31	12.98	42.38	27.21	8.71	8.05	4.1	1.30	97.9
923	3/28/2010 5:46	12.92	42.94	27.62	8.69	8.02	4.8	1.35	97.8
924	3/28/2010 6:01	12.87	43.08	27.71	8.70	8.26	5.8	1.44	97.8
925	3/28/2010 6:16	12.86	42.95	27.62	8.71	7.80	6.0	1.51	97.9
926	3/28/2010 6:31	12.88	42.97	27.64	8.69	8.25	4.8	1.57	97.8
927	3/28/2010 6:46	12.87	42.68	27.43	8.69	7.99	5.6	1.71	97.6
928	3/28/2010 7:01	12.87	43.05	27.69	8.69	8.15	6.2	1.81	97.7
929	3/28/2010 7:16	12.80	43.18	27.78	8.72	8.07	6.3	1.92	98.0
930	3/28/2010 7:31	12.73	43.53	28.03	8.72	8.03	5.5	2.01	97.9
931	3/28/2010 7:46	12.67	44.18	28.49	8.76	8.25	6.0	2.10	98.6
932	3/28/2010 8:01	12.64	43.73	28.17	8.84	8.04	6.5	2.20	99.2
933	3/28/2010 8:16	12.58	44.00	28.36	8.84	7.99	6.0	2.26	99.2
934	3/28/2010 8:31	12.54	44.98	29.06	8.82	8.16	7.6	2.36	99.4
935	3/28/2010 8:46	12.44	45.15	29.17	8.82	7.94	7.3	2.47	99.2
936	3/28/2010 9:01	12.31	45.33	29.30	8.86	8.07	10.1	2.58	99.5
937	3/28/2010 9:16	12.20	45.62	29.50	8.90	7.80	10.1	2.64	99.9
938	3/28/2010 9:31	12.14	45.12	29.14	8.95	8.02	10.1	2.74	100.0
939	3/28/2010 9:46	12.05	46.21	29.92	8.96	7.81	9.9	2.85	100.4
940	3/28/2010 10:01	11.93	45.79	29.62	9.01	8.29	10.0	2.93	100.6
941	3/28/2010 10:16	11.79	46.87	30.38	9.06	7.82	10.0	3.02	101.3
942	3/28/2010 10:31	11.72	46.77	30.31	9.13	8.03	7.6	3.12	101.9
943	3/28/2010 10:46	11.72	47.10	30.54	9.12	7.83	6.5	3.17	101.9
944	3/28/2010 11:01	11.66	47.24	30.64	9.15	8.32	5.6	3.23	102.2
945	3/28/2010 11:16	11.64	47.15	30.58	9.19	8.32	4.5	3.27	102.6
946	3/28/2010 11:31	11.64	46.53	30.13	9.19	8.13	2.9	3.28	102.2
947	3/28/2010 11:46	11.70	46.91	30.41	9.06	8.12	3.8	3.30	101.2
948	3/28/2010 12:01	11.64	47.27	30.66	9.12	8.32	3.5	3.27	101.9
949	3/28/2010 12:16	11.64	47.24	30.64	9.12	8.22	8.5	3.20	101.8
950	3/28/2010 12:31	11.99	45.84	29.65	9.18	8.06	5.3	3.12	102.6
951	3/28/2010 12:46	12.08	46.27	29.96	9.17	8.06	5.2	3.05	102.9
952	3/28/2010 13:01	12.02	45.67	29.53	9.15	7.83	8.7	2.94	102.3
953	3/28/2010 13:16	12.24	45.81	29.64	9.06	8.19	6.4	2.80	101.8

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	
954	3/28/2010 13:31	12.23	45.12	29.14	9.15	8.05	5.4	2.70	102.4
955	3/28/2010 13:46	12.27	45.80	29.63	9.14	8.30	5.6	2.60	102.7
956	3/28/2010 14:01	12.37	45.64	29.52	9.12	7.97	5.5	2.45	102.7
957	3/28/2010 14:16	12.48	45.39	29.35	9.16	8.19	5.0	2.34	103.3
958	3/28/2010 14:31	12.49	45.31	29.29	9.24	8.06	8.1	2.22	104.1
959	3/28/2010 14:46	12.62	44.64	28.82	9.28	8.04	6.2	2.09	104.6
960	3/28/2010 15:01	12.73	44.55	28.76	9.29	8.09	6.0	1.97	104.9
961	3/28/2010 15:16	12.88	43.16	27.77	9.29	8.08	7.9	1.84	104.6
962	3/28/2010 15:31	12.92	43.35	27.90	9.37	7.86	7.0	1.70	105.7
963	3/28/2010 15:46	13.00	43.13	27.75	9.36	8.21	7.1	1.56	105.7
964	3/28/2010 16:01	13.08	42.62	27.39	9.36	8.00	6.2	1.45	105.5
965	3/28/2010 16:16	13.15	42.46	27.28	9.33	8.14	6.0	1.34	105.3
966	3/28/2010 16:31	13.21	41.64	26.70	9.34	8.11	8.1	1.20	105.2
967	3/28/2010 16:46	13.26	42.29	27.16	9.26	8.22	7.8	1.13	104.7
968	3/28/2010 17:01	13.29	42.23	27.12	9.19	8.00	6.2	1.10	103.9
969	3/28/2010 17:16	13.29	42.23	27.12	9.10	8.05	2.9	1.03	102.9
970	3/28/2010 17:31	13.29	42.17	27.08	9.24	7.87	5.5	1.04	104.5
971	3/28/2010 17:46	13.19	42.35	27.20	9.23	7.86	6.2	1.07	104.2
972	3/28/2010 18:01	13.15	42.59	27.37	9.19	8.20	5.8	1.13	103.7
973	3/28/2010 18:16	13.13	42.56	27.35	9.22	7.85	5.5	1.17	104.1
974	3/28/2010 18:31	13.10	41.23	26.40	9.26	8.10	6.8	1.31	103.8
975	3/28/2010 18:46	13.08	40.99	26.23	9.18	7.97	4.9	1.39	102.8
976	3/28/2010 19:01	13.04	42.10	27.02	9.12	8.04	4.2	1.48	102.6
977	3/28/2010 19:16	13.02	42.58	27.36	9.12	8.18	4.2	1.60	102.7
978	3/28/2010 19:31	12.93	42.27	27.14	9.10	7.82	4.8	1.70	102.1
979	3/28/2010 19:46	12.90	42.82	27.53	9.05	8.26	5.0	1.80	101.8
980	3/28/2010 20:01	12.85	42.65	27.41	9.08	8.05	6.3	1.91	101.9
981	3/28/2010 20:16	12.81	43.84	28.25	9.01	8.04	5.7	2.03	101.5
982	3/28/2010 20:31	12.77	44.28	28.56	8.97	7.95	7.5	2.13	101.3
983	3/28/2010 20:46	12.67	44.56	28.76	8.97	7.81	8.9	2.23	101.1
984	3/28/2010 21:01	12.60	44.58	28.77	8.97	7.81	9.8	2.35	101.0
985	3/28/2010 21:16	12.51	44.84	28.95	9.00	8.05	11.5	2.46	101.2
986	3/28/2010 21:31	12.41	45.41	29.36	9.00	7.96	14.5	2.55	101.3
987	3/28/2010 21:46	12.31	45.67	29.54	9.05	8.09	11.8	2.67	101.8
988	3/28/2010 22:01	12.17	45.32	29.29	9.19	8.29	13.4	2.79	102.8
989	3/28/2010 22:16	12.06	46.25	29.95	9.22	8.07	13.6	2.88	103.4
990	3/28/2010 22:31	11.95	46.92	30.43	9.30	8.21	13.4	3.00	104.4
991	3/28/2010 22:46	11.88	47.17	30.60	9.34	7.85	12.3	3.10	104.8
992	3/28/2010 23:01	11.80	47.37	30.74	9.38	7.86	8.9	3.19	105.1
993	3/28/2010 23:16	11.69	46.82	30.35	9.51	8.08	9.0	3.28	106.0
994	3/28/2010 23:31	11.60	47.74	31.00	9.58	8.35	5.8	3.35	107.1
995	3/28/2010 23:46	11.55	47.87	31.09	9.62	8.36	4.8	3.39	107.5
996	3/29/2010 0:01	11.53	48.06	31.23	9.58	8.26	3.1	3.42	107.1
997	3/29/2010 0:16	11.64	47.73	30.99	9.44	7.87	5.2	3.45	105.6
998	3/29/2010 0:31	11.56	48.01	31.19	9.46	8.36	3.8	3.44	105.8
999	3/29/2010 0:46	11.53	48.10	31.26	9.56	7.88	4.9	3.36	106.9
1000	3/29/2010 1:01	11.84	47.25	30.66	9.33	8.01	11.0	3.30	104.6
1001	3/29/2010 1:16	11.93	46.80	30.34	9.22	7.85	5.6	3.22	103.4
1002	3/29/2010 1:31	12.00	46.47	30.11	9.21	8.32	5.9	3.09	103.3
1003	3/29/2010 1:46	12.12	45.96	29.75	9.09	8.31	5.4	2.98	102.0
1004	3/29/2010 2:01	12.16	45.95	29.74	9.03	8.03	5.7	2.86	101.3
1005	3/29/2010 2:16	12.22	45.89	29.70	9.00	8.04	6.5	2.71	101.1
1006	3/29/2010 2:31	12.24	45.80	29.64	8.97	7.82	6.2	2.58	100.8

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	
1007	3/29/2010 2:46	12.28	44.81	28.93	8.96	8.02	6.5	2.46	100.3
1008	3/29/2010 3:01	12.35	45.24	29.24	8.89	8.06	6.1	2.33	99.9
1009	3/29/2010 3:16	12.41	44.40	28.63	8.88	8.05	6.3	2.20	99.5
1010	3/29/2010 3:31	12.42	44.22	28.51	8.86	8.00	7.8	2.06	99.3
1011	3/29/2010 3:46	12.59	43.90	28.29	8.79	8.07	9.0	1.94	98.7
1012	3/29/2010 4:01	12.48	44.39	28.63	8.77	8.26	8.4	1.81	98.4
1013	3/29/2010 4:16	12.51	44.36	28.61	8.73	8.15	9.1	1.68	98.0
1014	3/29/2010 4:31	12.67	42.98	27.64	8.72	7.99	10.8	1.55	97.7
1015	3/29/2010 4:46	12.69	43.73	28.17	8.65	8.25	10.9	1.41	97.2
1016	3/29/2010 5:01	12.77	42.91	27.58	8.65	7.98	10.6	1.32	97.1
1017	3/29/2010 5:16	12.84	43.22	27.81	8.60	8.24	9.6	1.22	96.7
1018	3/29/2010 5:31	12.86	42.37	27.21	8.61	7.98	9.6	1.12	96.5
1019	3/29/2010 5:46	12.90	43.00	27.66	8.51	8.14	8.2	1.08	95.7
1020	3/29/2010 6:01	12.91	42.81	27.52	8.43	7.80	3.2	1.07	94.9
1021	3/29/2010 6:16	12.89	42.53	27.32	8.59	8.06	5.8	1.10	96.5
1022	3/29/2010 6:31	12.86	43.05	27.69	8.58	8.14	5.7	1.13	96.5
1023	3/29/2010 6:46	12.84	42.41	27.23	8.62	8.03	6.3	1.19	96.7
1024	3/29/2010 7:01	12.80	42.49	27.29	8.62	7.98	7.0	1.29	96.6
1025	3/29/2010 7:16	12.73	41.66	26.70	8.63	7.91	7.9	1.40	96.2
1026	3/29/2010 7:31	12.72	42.10	27.01	8.59	8.22	8.8	1.51	95.9
1027	3/29/2010 7:46	12.71	42.57	27.34	8.57	7.91	8.2	1.60	95.9
1028	3/29/2010 8:01	12.67	42.31	27.15	8.64	7.97	8.3	1.73	96.5
1029	3/29/2010 8:16	12.62	43.66	28.11	8.61	8.23	7.4	1.83	96.6
1030	3/29/2010 8:31	12.56	44.21	28.51	8.68	7.79	7.6	1.91	97.5
1031	3/29/2010 8:46	12.55	44.32	28.58	8.71	8.14	7.2	2.03	97.8
1032	3/29/2010 9:01	12.52	43.84	28.24	8.77	8.06	7.5	2.12	98.2
1033	3/29/2010 9:16	12.47	44.11	28.43	8.78	7.94	8.5	2.23	98.3
1034	3/29/2010 9:31	12.40	45.04	29.09	8.78	8.04	7.9	2.31	98.7
1035	3/29/2010 9:46	12.33	45.02	29.08	8.80	8.03	10.4	2.41	98.7
1036	3/29/2010 10:01	12.24	45.31	29.28	8.87	8.16	12.8	2.52	99.5
1037	3/29/2010 10:16	12.14	44.97	29.03	8.99	8.06	13.6	2.61	100.4
1038	3/29/2010 10:31	12.03	46.16	29.89	9.03	8.29	12.2	2.71	101.2
1039	3/29/2010 10:46	11.93	45.84	29.65	9.17	8.07	12.3	2.81	102.3
1040	3/29/2010 11:01	11.83	46.77	30.31	9.23	8.31	12.3	2.94	103.3
1041	3/29/2010 11:16	11.77	47.16	30.59	9.31	8.32	10.9	3.01	104.2
1042	3/29/2010 11:31	11.71	47.19	30.61	9.37	7.86	9.3	3.10	104.7
1043	3/29/2010 11:46	11.62	47.67	30.95	9.44	8.10	6.9	3.19	105.6
1044	3/29/2010 12:01	11.61	47.52	30.84	9.48	8.12	6.0	3.24	105.9
1045	3/29/2010 12:16	11.55	47.94	31.14	9.51	8.03	5.7	3.29	106.3
1046	3/29/2010 12:31	11.52	47.93	31.13	9.54	7.88	4.4	3.30	106.6
1047	3/29/2010 12:46	11.58	47.50	30.82	9.45	8.08	4.8	3.28	105.5
1048	3/29/2010 13:01	11.53	47.96	31.15	9.48	8.35	4.3	3.27	105.9
1049	3/29/2010 13:16	11.53	48.04	31.21	9.48	8.25	5.2	3.21	106.0
1050	3/29/2010 13:31	12.04	46.19	29.90	9.27	8.10	5.2	3.13	103.9
1051	3/29/2010 13:46	12.15	46.18	29.90	9.20	8.21	5.4	3.04	103.4
1052	3/29/2010 14:01	12.06	45.50	29.41	9.23	8.05	4.3	2.90	103.1
1053	3/29/2010 14:16	12.15	45.96	29.74	9.15	7.85	7.2	2.77	102.7
1054	3/29/2010 14:31	12.10	46.21	29.92	9.18	7.85		2.69	103.0
1055	3/29/2010 14:46	12.18	45.92	29.71	9.19	8.20	7.4	2.56	103.2
1056	3/29/2010 15:01	12.28	45.74	29.59	9.17	7.99	6.8	2.44	103.1
1057	3/29/2010 15:16	12.29	45.74	29.59	9.23	8.12	7.4	2.32	103.7
1058	3/29/2010 15:31	12.37	45.30	29.28	9.15	8.07	6.9	2.22	102.8
1059	3/29/2010 15:46	12.45	44.79	28.92	9.07	8.19	5.7	2.08	101.9

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	
1060	3/29/2010 16:01	12.52	44.67	28.83	9.07	8.18	6.1	1.94	101.9
1061	3/29/2010 16:16	12.52	43.80	28.21	9.23	8.08	5.4	1.82	103.4
1062	3/29/2010 16:31	12.56	44.38	28.63	9.24	8.30	5.2	1.72	103.9
1063	3/29/2010 16:46	12.64	43.98	28.34	9.19	7.98	5.1	1.61	103.3
1064	3/29/2010 17:01	12.72	43.28	27.85	9.12	8.06	4.0	1.51	102.4
1065	3/29/2010 17:16	12.75	42.68	27.43	9.16	8.10	4.0	1.36	102.6
1066	3/29/2010 17:31	12.81	42.72	27.45	9.10	8.09	3.5	1.31	102.1
1067	3/29/2010 17:46	12.84	43.11	27.73	8.97	8.17	2.8	1.24	100.9
1068	3/29/2010 18:01	12.86	42.52	27.31	8.93	8.05	2.2	1.19	100.2
1069	3/29/2010 18:16	12.86	42.33	27.18	8.80	8.05	1.2	1.18	98.7
1070	3/29/2010 18:31	12.83	42.44	27.25	8.97	8.04	3.4	1.21	100.5
1071	3/29/2010 18:46	12.81	42.87	27.56	8.98	8.01	3.3	1.26	100.8
1072	3/29/2010 19:01	12.77	43.06	27.70	8.97	8.05	5.0	1.31	100.7
1073	3/29/2010 19:16	12.74	42.75	27.47	8.93	7.81	5.7	1.40	100.0
1074	3/29/2010 19:31	12.74	42.37	27.20	8.92	7.94	5.2	1.52	99.8
1075	3/29/2010 19:46	12.72	42.15	27.05	8.94	7.99	5.6	1.65	99.8
1076	3/29/2010 20:01	12.70	43.11	27.72	8.90	8.02	5.7	1.72	99.8
1077	3/29/2010 20:16	12.65	43.01	27.65	8.92	8.04	5.2	1.84	99.9
1078	3/29/2010 20:31	12.57	44.12	28.44	8.87	8.04	5.8	1.93	99.6
1079	3/29/2010 20:46	12.53	43.67	28.12	8.91	8.04	6.2	2.05	99.8
1080	3/29/2010 21:01	12.51	44.50	28.71	8.86	8.04	6.7	2.15	99.5
1081	3/29/2010 21:16	12.45	44.77	28.90	8.87	7.95	7.2	2.26	99.7
1082	3/29/2010 21:31	12.38	45.00	29.07	8.89	7.95	8.9	2.35	99.8
1083	3/29/2010 21:46	12.30	44.53	28.73	8.97	8.05	11.2	2.46	100.3
1084	3/29/2010 22:01	12.18	45.58	29.47	8.99	8.06	13.7	2.58	100.8
1085	3/29/2010 22:16	12.05	45.63	29.50	9.09	8.03	13.4	2.69	101.6
1086	3/29/2010 22:31	11.93	46.41	30.06	9.18	8.12	15.1	2.83	102.7
1087	3/29/2010 22:46	11.78	46.97	30.45	9.35	7.85	13.6	2.92	104.6
1088	3/29/2010 23:01	11.69	47.32	30.70	9.45	7.86	13.5	3.04	105.6
1089	3/29/2010 23:16	11.64	46.88	30.38	9.56	8.11	13.9	3.18	106.5
1090	3/29/2010 23:31	11.56	47.63	30.92	9.64	8.13	11.7	3.25	107.7
1091	3/29/2010 23:46	11.51	47.66	30.94	9.69	8.13	10.3	3.36	108.1
1092	3/30/2010 0:01	11.48	47.83	31.06	9.72	8.11	7.5	3.45	108.5
1093	3/30/2010 0:16	11.49	46.98	30.45	9.74	8.37	5.6	3.51	108.2
1094	3/30/2010 0:31	11.47	47.04	30.49	9.70	8.14	4.7	3.55	107.8
1095	3/30/2010 0:46	11.46	47.59	30.88	9.59	8.14	4.0	3.55	106.8
1096	3/30/2010 1:01	11.55	46.90	30.39	9.47	8.16	3.8	3.58	105.4
1097	3/30/2010 1:16	11.53	46.96	30.44	9.57	8.11	6.1	3.55	106.4
1098	3/30/2010 1:31	11.51	47.72	30.98	9.56	8.26	6.0	3.46	106.7
1099	3/30/2010 1:46	11.47	47.47	30.80	9.51	8.36	7.0	3.38	105.9
1100	3/30/2010 2:01	11.58	47.47	30.80	9.50	8.25	12.3	3.26	106.0
1101	3/30/2010 2:16	11.66	46.88	30.38	9.24	7.85	6.3	3.14	103.1
1102	3/30/2010 2:31	11.69	46.54	30.14	9.20	8.13	9.3	3.01	102.5
1103	3/30/2010 2:46	11.74	46.32	29.99	9.16	8.22	9.2	2.89	102.1
1104	3/30/2010 3:01	11.81	46.08	29.82	9.07	7.84	8.2	2.74	101.1
1105	3/30/2010 3:16	11.88	45.83	29.64	9.00	8.30	11.0	2.61	100.3
1106	3/30/2010 3:31	11.94	45.36	29.30	8.91	8.04	13.1	2.47	99.3
1107	3/30/2010 3:46	11.86	45.69	29.54	8.92	7.97	21.1	2.35	99.3
1108	3/30/2010 4:01	11.68	45.65	29.50	8.97	8.07	26.1	2.22	99.5
1109	3/30/2010 4:16	11.81	45.49	29.39	8.96	7.96	25.4	2.07	99.6
1110	3/30/2010 4:31	11.97	43.94	28.29	8.86	8.02	17.0	1.93	98.1
1111	3/30/2010 4:46	11.84	44.67	28.81	8.85	8.05	19.3	1.76	98.0
1112	3/30/2010 5:01	12.01	43.94	28.29	8.76	8.03	18.7	1.66	97.1

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	
1113	3/30/2010 5:16	11.98	43.44	27.94	8.74	8.06	17.2	1.51	96.7
1114	3/30/2010 5:31	11.92	43.33	27.86	8.74	8.05	21.0	1.37	96.4
1115	3/30/2010 5:46	11.98	43.25	27.80	8.71	8.02	23.9	1.25	96.2
1116	3/30/2010 6:01	11.99	43.31	27.84	8.66	7.92	21.5	1.10	95.7
1117	3/30/2010 6:16	11.99	43.10	27.70	8.65	8.23	21.4	1.05	95.5
1118	3/30/2010 6:31	11.98	42.93	27.57	8.60	7.91	19.5	0.98	94.8
1119	3/30/2010 6:46	11.98	42.66	27.38	8.51	7.76	14.0	0.94	93.8
1120	3/30/2010 7:01	11.95	42.81	27.49	8.40	8.12	10.1	0.91	92.6
1121	3/30/2010 7:16	11.93	42.70	27.41	8.63	7.99	14.3	0.97	95.0
1122	3/30/2010 7:31	11.98	43.06	27.66	8.66	8.12	10.8	1.00	95.6
1123	3/30/2010 7:46	11.98	43.09	27.69	8.69	7.92	9.3	1.09	96.0
1124	3/30/2010 8:01	11.79	41.50	26.55	8.75	8.10	14.0	1.18	95.5
1125	3/30/2010 8:16	11.90	42.33	27.14	8.68	7.76	11.0	1.30	95.3
1126	3/30/2010 8:31	11.84	41.95	26.88	8.70	7.75	14.1	1.41	95.3
1127	3/30/2010 8:46	11.94	42.76	27.45	8.67	7.76	14.4	1.52	95.5
1128	3/30/2010 9:01	11.96	43.06	27.67	8.67	7.92	14.7	1.67	95.7
1129	3/30/2010 9:16	11.96	43.63	28.07	8.70	8.04	13.0	1.80	96.2
1130	3/30/2010 9:31	11.96	43.99	28.33	8.73	8.05	13.2	1.87	96.7
1131	3/30/2010 9:46	11.98	43.56	28.02	8.76	8.24	11.2	1.95	96.9
1132	3/30/2010 10:01	11.93	43.72	28.13	8.81	8.25	14.1	2.10	97.4
1133	3/30/2010 10:16	11.92	44.45	28.66	8.81	7.80	12.3	2.18	97.7
1134	3/30/2010 10:31	11.87	44.08	28.39	8.86	7.80	14.6	2.28	98.0
1135	3/30/2010 10:46	11.86	44.67	28.81	8.88	8.26	14.3	2.37	98.4
1136	3/30/2010 11:01	11.79	45.15	29.15	8.95	8.17	12.6	2.48	99.2
1137	3/30/2010 11:16	11.74	44.78	28.88	9.01	8.06	14.0	2.59	99.7
1138	3/30/2010 11:31	11.68	45.02	29.05	9.07	7.98	11.8	2.65	100.4
1139	3/30/2010 11:46	11.59	46.14	29.85	9.15	8.07	15.0	2.78	101.5
1140	3/30/2010 12:01	11.50	46.62	30.19	9.35	8.00	13.3	2.88	103.7
1141	3/30/2010 12:16	11.43	46.08	29.80	9.53	8.32	14.3	3.00	105.3
1142	3/30/2010 12:31	11.33	46.51	30.10	9.71	8.14	14.9	3.09	107.4
1143	3/30/2010 12:46	11.27	46.98	30.44	9.81	8.11	13.3	3.15	108.5
1144	3/30/2010 13:01	11.29	46.73	30.26	9.84	8.15	9.7	3.18	108.7
1145	3/30/2010 13:16	11.32	47.19	30.59	9.84	8.24	7.8	3.22	109.1
1146	3/30/2010 13:31	11.38	46.96	30.43	9.74	7.87	6.9	3.24	108.0
1147	3/30/2010 13:46	11.36	46.46	30.07	9.61	8.10	6.6	3.24	106.3
1148	3/30/2010 14:01	11.31	47.16	30.57	9.71	8.23	6.8	3.17	107.6
1149	3/30/2010 14:16	11.31	47.17	30.58	9.74	8.14	9.7	3.13	107.9
1150	3/30/2010 14:31	11.47	46.38	30.01	9.72	8.08	9.6	3.02	107.7
1151	3/30/2010 14:46	12.00	46.08	29.82	9.62	8.11	6.9	2.94	107.6
1152	3/30/2010 15:01	11.94	45.82	29.64	9.40	8.32	6.1	2.82	105.0
1153	3/30/2010 15:16	11.83	45.83	29.64	9.31	8.22	10.6	2.71	103.7
1154	3/30/2010 15:31	11.87	45.74	29.57	9.29	7.85	7.0	2.59	103.6
1155	3/30/2010 15:46	11.96	45.43	29.36	9.27	7.85	6.5	2.47	103.4
1156	3/30/2010 16:01	12.02	45.25	29.23	9.28	7.84	7.0	2.35	103.6
1157	3/30/2010 16:16	12.08	44.58	28.75	9.37	8.05	5.8	2.25	104.4
1158	3/30/2010 16:31	12.01	44.64	28.79	9.40	8.09	6.7	2.10	104.6
1159	3/30/2010 16:46	12.06	44.65	28.80	9.28	8.19	5.3	2.05	103.4
1160	3/30/2010 17:01	12.09	44.32	28.57	9.17	8.10	9.0	1.92	102.1
1161	3/30/2010 17:16	12.01	44.48	28.68	9.27	7.84	9.1	1.79	103.0
1162	3/30/2010 17:31	12.02	43.35	27.87	9.31	8.04	8.5	1.72	102.9
1163	3/30/2010 17:46	12.03	43.41	27.92	9.25	7.82	7.4	1.61	102.4
1164	3/30/2010 18:01	12.01	43.08	27.68	9.25	8.28	7.1	1.49	102.2
1165	3/30/2010 18:16	12.03	42.75	27.45	9.21	8.04	6.2	1.44	101.6

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	
1166	3/30/2010 18:31	12.02	42.70	27.41	9.17	8.04	6.4	1.36	101.1
1167	3/30/2010 18:46	12.01	42.00	26.91	9.14	8.01	4.3	1.35	100.5
1168	3/30/2010 19:01	12.02	42.54	27.30	9.15	8.26	6.1	1.37	100.8
1169	3/30/2010 19:16	12.01	42.12	27.00	9.15	8.04	5.5	1.36	100.6
1170	3/30/2010 19:31	12.03	42.79	27.48	9.08	8.04	4.8	1.40	100.2
1171	3/30/2010 19:46	12.03	42.74	27.44	9.09	8.26	5.6	1.48	100.3
1172	3/30/2010 20:01	11.94	40.91	26.14	9.20	8.06	6.8	1.58	100.5
1173	3/30/2010 20:16	11.98	40.24	25.67	9.19	8.05	6.7	1.66	100.1
1174	3/30/2010 20:31	12.10	42.06	26.96	9.11	7.95	6.7	1.75	100.4
1175	3/30/2010 20:46	12.13	42.95	27.59	9.06	8.25	7.5	1.90	100.3
1176	3/30/2010 21:01	12.07	41.90	26.85	9.11	8.25	7.0	1.99	100.2
1177	3/30/2010 21:16	12.07	43.38	27.90	9.05	8.07	8.5	2.08	100.2
1178	3/30/2010 21:31	11.96	43.77	28.17	9.03	8.04	7.4	2.17	100.0
1179	3/30/2010 21:46	11.92	44.01	28.34	9.06	8.04	7.5	2.29	100.3
1180	3/30/2010 22:01	11.99	44.50	28.69	9.04	7.82	8.4	2.40	100.4
1181	3/30/2010 22:16	11.91	44.07	28.38	9.10	8.05	11.9	2.50	100.7
1182	3/30/2010 22:31	11.85	45.10	29.12	9.11	7.99	14.2	2.57	101.2
1183	3/30/2010 22:46	11.70	45.52	29.41	9.24	8.19	19.0	2.72	102.5
1184	3/30/2010 23:01	11.53	45.36	29.29	9.41	8.08	18.1	2.82	104.0
1185	3/30/2010 23:16	11.42	46.20	29.89	9.47	8.21	20.0	2.97	104.8
1186	3/30/2010 23:31	11.29	46.50	30.09	9.62	8.22	18.8	3.10	106.2
1187	3/30/2010 23:46	11.18	46.71	30.24	9.74	7.87	16.8	3.20	107.4
1188	3/31/2010 0:01	11.10	46.81	30.31	9.85	7.87	17.0	3.29	108.4
1189	3/31/2010 0:16	11.04	46.90	30.37	9.95	8.09	18.1	3.41	109.4
1190	3/31/2010 0:31	11.00	46.91	30.37	10.00	8.04	14.2	3.48	109.9
1191	3/31/2010 0:46	10.96	46.84	30.32	10.02	8.15	14.0	3.56	110.1
1192	3/31/2010 1:01	10.97	46.62	30.16	10.04	8.15	11.2	3.59	110.2
1193	3/31/2010 1:16	10.97	46.89	30.36	9.97	8.12	9.7	3.63	109.6
1194	3/31/2010 1:31	11.05	46.05	29.76	9.82	8.34	10.5	3.65	107.6
1195	3/31/2010 1:46	11.05	46.20	29.86	9.78	8.34	7.3	3.60	107.2
1196	3/31/2010 2:01	10.95	46.13	29.81	9.88	8.11	11.4	3.56	108.1
1197	3/31/2010 2:16	11.00	46.45	30.04	9.76	8.10	10.3	3.47	107.1
1198	3/31/2010 2:31	11.09	45.84	29.61	9.60	8.09	10.7	3.39	105.3
1199	3/31/2010 2:46	11.14	45.54	29.40	9.49	8.32	10.4	3.24	104.0
1200	3/31/2010 3:01	11.15	45.02	29.03	9.35	8.31	10.7	3.11	102.3
1201	3/31/2010 3:16	11.20	45.10	29.08	9.31	8.11	10.1	2.98	102.0
1202	3/31/2010 3:31	11.22	44.16	28.41	9.17	7.98	9.7	2.84	100.1
1203	3/31/2010 3:46	11.18	43.16	27.70	9.14	7.96	10.4	2.70	99.2
1204	3/31/2010 4:01	11.19	43.55	27.98	9.10	8.27	9.0	2.58	98.9
1205	3/31/2010 4:16	11.17	42.95	27.55	9.12	8.04	10.2	2.42	98.9
1206	3/31/2010 4:31	11.16	43.11	27.67	9.08	7.96	9.0	2.29	98.4
1207	3/31/2010 4:46	11.03	43.70	28.08	9.14	8.16	11.1	2.14	99.1
1208	3/31/2010 5:01	10.99	44.08	28.35	9.06	8.27	11.0	1.96	98.3
1209	3/31/2010 5:16	11.21	43.51	27.96	8.98	7.80	11.5	1.82	97.7
1210	3/31/2010 5:31	11.21	43.56	27.99	8.94	8.25	13.1	1.68	97.3
1211	3/31/2010 5:46	11.14	43.40	27.87	8.91	8.14	14.5	1.53	96.7
1212	3/31/2010 6:01	11.10	42.59	27.30	8.91	8.01	12.0	1.36	96.3
1213	3/31/2010 6:16	10.96	42.37	27.14	8.89	8.03	11.7	1.21	95.7
1214	3/31/2010 6:31	10.98	42.84	27.47	8.83	8.12	10.8	1.10	95.3
1215	3/31/2010 6:46	10.98	42.64	27.32	8.83	7.76	9.5	0.98	95.2
1216	3/31/2010 7:01	10.94	42.57	27.27	8.79	7.98	10.0	0.86	94.7
1217	3/31/2010 7:16	10.93	42.19	27.01	8.80	7.97	7.6	0.80	94.5
1218	3/31/2010 7:31	10.87	41.75	26.69	8.77	8.01	5.4	0.76	93.9

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	
1219	3/31/2010 7:46	10.86	42.18	27.00	8.80	7.98	7.4	0.76	94.4
1220	3/31/2010 8:01	10.90	42.47	27.20	8.81	7.92	7.6	0.79	94.8
1221	3/31/2010 8:16	10.94	42.53	27.25	8.82	7.93	6.7	0.90	95.0
1222	3/31/2010 8:31	10.84	41.04	26.19	8.95	7.98	7.4	1.01	95.5
1223	3/31/2010 8:46	10.86	40.19	25.60	8.96	7.76	8.2	1.06	95.2
1224	3/31/2010 9:01	10.88	40.62	25.90	8.91	8.21	8.5	1.19	94.9
1225	3/31/2010 9:16	10.93	40.72	25.97	8.90	7.76	8.1	1.32	95.0
1226	3/31/2010 9:31	10.98	40.75	26.00	8.88	7.98	7.2	1.42	94.9
1227	3/31/2010 9:46	11.04	40.99	26.16	8.85	7.98	7.4	1.52	94.9
1228	3/31/2010 10:01	11.10	41.65	26.63	8.86	7.94	7.0	1.61	95.4
1229	3/31/2010 10:16	11.12	41.48	26.52	8.95	8.00	7.1	1.74	96.2
1230	3/31/2010 10:31	11.21	43.07	27.64	8.88	8.13	7.0	1.87	96.4
1231	3/31/2010 10:46	11.22	42.74	27.41	8.93	8.01	7.4	1.95	96.8
1232	3/31/2010 11:01	11.21	43.49	27.94	8.89	8.13	9.4	2.06	96.7
1233	3/31/2010 11:16	11.24	43.46	27.92	8.94	7.96	9.6	2.17	97.2
1234	3/31/2010 11:31	11.23	42.91	27.53	9.05	8.02	11.3	2.27	98.3
1235	3/31/2010 11:46	11.21	44.06	28.34	9.09	8.03	17.5	2.38	99.1
1236	3/31/2010 12:01	11.18	44.36	28.56	9.17	8.27	17.3	2.47	100.1
1237	3/31/2010 12:16	11.13	44.69	28.79	9.28	7.83	15.9	2.57	101.3
1238	3/31/2010 12:31	11.05	44.51	28.66	9.41	8.18	21.1	2.64	102.5
1239	3/31/2010 12:46	11.02	45.19	29.15	9.49	8.07	22.0	2.77	103.6
1240	3/31/2010 13:01	11.00	45.71	29.52	9.58	8.11	18.0	2.86	104.7
1241	3/31/2010 13:16	10.96	45.53	29.38	9.73	7.86	21.1	2.92	106.2
1242	3/31/2010 13:31	10.94	46.41	30.01	9.78	8.33	15.3	3.01	107.2
1243	3/31/2010 13:46	10.93	46.91	30.37	9.87	8.04	15.0	3.08	108.3
1244	3/31/2010 14:01	10.92	46.42	30.02	9.95	8.11	11.0	3.10	108.9
1245	3/31/2010 14:16	10.92	47.07	30.48	9.90	8.05	7.5	3.14	108.7
1246	3/31/2010 14:31	10.93	46.43	30.03	9.87	8.10	8.0	3.13	108.1
1247	3/31/2010 14:46	10.91	46.88	30.35	9.94	8.11	11.2	3.12	109.0
1248	3/31/2010 15:01	10.99	46.10	29.79	9.79	7.88	9.2	3.07	107.2
1249	3/31/2010 15:16	11.12	44.70	28.80	9.61	8.07	10.4	2.99	104.9
1250	3/31/2010 15:31	11.08	44.46	28.63	9.57	8.08	7.1	2.92	104.3
1251	3/31/2010 15:46	11.12	44.41	28.59	9.43	8.10	12.1	2.81	102.8
1252	3/31/2010 16:01	11.12	44.34	28.54	9.44	8.07	8.3	2.71	102.8
1253	3/31/2010 16:16	11.14	43.91	28.24	9.45	8.07	5.8	2.58	102.8
1254	3/31/2010 16:31	11.17	44.40	28.58	9.45	7.85	4.5	2.49	103.1
1255	3/31/2010 16:46	11.23	43.92	28.25	9.34	8.05	7.3	2.39	101.8
1256	3/31/2010 17:01	11.22	43.09	27.66	9.34	8.29	5.6	2.30	101.4
1257	3/31/2010 17:16	11.24	43.01	27.60	9.33	8.08	5.5	2.20	101.3
1258	3/31/2010 17:31	11.24	42.53	27.26	9.37	7.99	4.5	2.08	101.5
1259	3/31/2010 17:46	11.25	43.11	27.67	9.34	8.28	4.8	2.00	101.4
1260	3/31/2010 18:01	11.24	42.86	27.49	9.42	8.06	4.3	1.91	102.3
1261	3/31/2010 18:16	11.22	42.91	27.53	9.50	8.00	5.6	1.82	103.1
1262	3/31/2010 18:31	11.21	42.13	26.97	9.45	8.28	4.3	1.73	102.1
1263	3/31/2010 18:46	11.19	42.43	27.19	9.43	8.05	4.5	1.68	102.0
1264	3/31/2010 19:01	11.17	41.88	26.80	9.42	8.05	3.9	1.61	101.6
1265	3/31/2010 19:16	11.16	42.21	27.03	9.40	8.05	3.7	1.55	101.5
1266	3/31/2010 19:31	11.14	42.04	26.91	9.36	8.28	2.4	1.54	101.0
1267	3/31/2010 19:46	11.13	41.81	26.75	9.35	8.05	2.0	1.53	100.8
1268	3/31/2010 20:01	11.13	42.13	26.97	9.40	8.05	3.1	1.55	101.4
1269	3/31/2010 20:16	11.15	42.12	26.96	9.37	8.27	3.1	1.59	101.1
1270	3/31/2010 20:31	11.16	41.64	26.62	9.34	8.27	4.6	1.67	100.6
1271	3/31/2010 20:46	11.05	40.01	25.48	9.39	8.02	5.6	1.73	100.1

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	
1272	3/31/2010 21:01	11.12	40.39	25.74	9.33	7.97	5.2	1.86	99.8
1273	3/31/2010 21:16	11.19	41.25	26.35	9.24	8.03	5.6	1.94	99.4
1274	3/31/2010 21:31	11.21	42.38	27.16	9.19	8.26	6.6	2.04	99.4
1275	3/31/2010 21:46	11.17	42.63	27.33	9.23	8.26	5.9	2.15	99.9
1276	3/31/2010 22:01	11.16	43.18	27.72	9.22	8.04	7.8	2.27	100.0
1277	3/31/2010 22:16	11.11	43.26	27.77	9.23	7.82	7.1	2.37	100.0
1278	3/31/2010 22:31	11.10	43.04	27.61	9.29	8.27	8.5	2.46	100.5
1279	3/31/2010 22:46	11.08	43.97	28.27	9.32	8.05	10.5	2.58	101.2
1280	3/31/2010 23:01	10.98	43.67	28.06	9.42	8.18	13.6	2.65	102.0
1281	3/31/2010 23:16	10.94	44.35	28.54	9.52	8.30	15.1	2.73	103.3
1282	3/31/2010 23:31	10.90	44.79	28.85	9.56	8.30	12.4	2.86	103.9
1283	3/31/2010 23:46	10.87	45.33	29.24	9.62	8.20	13.1	2.99	104.7
1284	4/1/2010 0:01	10.84	45.69	29.49	9.69	8.32	15.4	3.08	105.5
1285	4/1/2010 0:16	10.83	46.09	29.77	9.77	8.05	20.4	3.19	106.6
1286	4/1/2010 0:31	10.80	45.79	29.56	9.88	8.34	18.9	3.32	107.6
1287	4/1/2010 0:46	10.77	46.11	29.79	9.95	8.11	14.5	3.38	108.4
1288	4/1/2010 1:01	10.74	46.47	30.04	9.96	8.35	12.9	3.49	108.6
1289	4/1/2010 1:16	10.73	46.16	29.82	9.98	8.12	11.8	3.55	108.7
1290	4/1/2010 1:31	10.73	46.53	30.09	9.95	8.12	12.7	3.61	108.5
1291	4/1/2010 1:46	10.73	46.59	30.13	9.89	8.35	9.7	3.65	107.9
1292	4/1/2010 2:01	10.74	46.56	30.11	9.72	8.34	8.2	3.67	106.1
1293	4/1/2010 2:16	10.74	46.37	29.98	9.77	8.23	9.0	3.66	106.5
1294	4/1/2010 2:31	10.65	46.63	30.16	9.76	8.05	8.9	3.60	106.3
1295	4/1/2010 2:46	10.63	46.10	29.77	9.81	7.88	8.7	3.55	106.6
1296	4/1/2010 3:01	10.63	45.99	29.70	9.75	8.10	8.7	3.46	105.9
1297	4/1/2010 3:16	10.56	44.81	28.85	9.62	8.11	8.5	3.31	103.7
1298	4/1/2010 3:31	10.49	44.87	28.88	9.52	8.10	6.8	3.20	102.5
1299	4/1/2010 3:46	10.48	43.61	27.99	9.46	8.06	8.0	3.07	101.3
1300	4/1/2010 4:01	10.60	43.60	27.99	9.45	8.09	12.2	2.94	101.4
1301	4/1/2010 4:16	10.49	43.38	27.83	9.34	8.29	8.7	2.82	100.0
1302	4/1/2010 4:31	10.53	42.59	27.27	9.37	8.17	10.6	2.66	99.9
1303	4/1/2010 4:46	10.47	43.01	27.57	9.30	8.16	7.2	2.54	99.2
1304	4/1/2010 5:01	10.38	42.29	27.05	9.29	8.03	6.4	2.42	98.6
1305	4/1/2010 5:16	10.37	43.03	27.58	9.25	8.27	6.6	2.27	98.5
1306	4/1/2010 5:31	10.41	43.13	27.65	9.21	8.03	6.6	2.13	98.3
1307	4/1/2010 5:46	10.46	42.72	27.36	9.16	7.81	6.9	1.98	97.7
1308	4/1/2010 6:01	10.46	42.68	27.33	9.12	8.25	7.8	1.81	97.1
1309	4/1/2010 6:16	10.43	42.72	27.36	9.11	7.80	8.8	1.69	97.0
1310	4/1/2010 6:31	10.37	42.21	27.00	9.10	8.02	9.3	1.52	96.5
1311	4/1/2010 6:46	10.34	42.55	27.23	9.05	8.24	8.3	1.36	96.1
1312	4/1/2010 7:01	10.34	41.88	26.76	9.04	8.01	8.9	1.22	95.8
1313	4/1/2010 7:16	10.34	42.37	27.11	8.97	7.78	9.9	1.09	95.2
1314	4/1/2010 7:31	10.33	42.26	27.03	8.96	7.95	7.5	0.96	95.0
1315	4/1/2010 7:46	10.29	41.98	26.83	8.93	7.77	6.1	0.84	94.5
1316	4/1/2010 8:01	10.26	41.89	26.76	8.93	8.00	8.0	0.78	94.4
1317	4/1/2010 8:16	10.25	41.70	26.63	8.93	8.00	4.0	0.76	94.3
1318	4/1/2010 8:31	10.27	41.35	26.38	8.99	8.00	6.0	0.78	94.8
1319	4/1/2010 8:46	10.33	41.64	26.59	8.98	8.00	4.5	0.81	94.9
1320	4/1/2010 9:01	10.35	42.13	26.94	8.98	7.78	5.0	0.90	95.2
1321	4/1/2010 9:16	10.36	41.07	26.19	9.08	8.01	4.5	0.99	95.9
1322	4/1/2010 9:31	10.26	40.38	25.71	9.12	8.00	6.3	1.11	95.8
1323	4/1/2010 9:46	10.23	40.30	25.65	9.09	8.22	6.4	1.18	95.3
1324	4/1/2010 10:01	10.22	40.29	25.63	9.08	8.00	6.5	1.28	95.3

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		
1325	4/1/2010 10:16	10.27	40.27	25.62	9.06	7.99	6.1	1.38	95.1
1326	4/1/2010 10:31	10.31	41.36	26.39	8.98	8.11	5.2	1.49	94.8
1327	4/1/2010 10:46	10.36	41.57	26.55	9.01	7.96	5.4	1.59	95.3
1328	4/1/2010 11:01	10.36	40.48	25.78	9.11	8.23	6.1	1.69	95.9
1329	4/1/2010 11:16	10.52	42.29	27.06	9.05	8.02	5.6	1.79	96.4
1330	4/1/2010 11:31	10.56	42.49	27.20	9.06	8.13	5.8	1.90	96.7
1331	4/1/2010 11:46	10.57	42.70	27.35	9.07	8.25	6.3	2.01	96.9
1332	4/1/2010 12:01	10.58	42.27	27.05	9.12	8.04	7.1	2.14	97.2
1333	4/1/2010 12:16	10.64	42.11	26.94	9.15	8.03	7.4	2.22	97.7
1334	4/1/2010 12:31	10.66	42.60	27.29	9.17	8.04	8.6	2.31	98.2
1335	4/1/2010 12:46	10.70	43.20	27.71	9.22	8.05	11.8	2.40	99.0
1336	4/1/2010 13:01	10.72	42.95	27.53	9.33	7.84	14.1	2.51	100.1
1337	4/1/2010 13:16	10.74	43.39	27.85	9.40	8.06	13.9	2.60	101.1
1338	4/1/2010 13:31	10.68	44.47	28.61	9.49	7.85	18.7	2.69	102.5
1339	4/1/2010 13:46	10.71	44.66	28.75	9.59	8.08	19.5	2.77	103.7
1340	4/1/2010 14:01	10.77	45.27	29.19	9.67	8.31	15.2	2.86	105.0
1341	4/1/2010 14:16	10.75	45.46	29.32	9.71	8.20	15.1	2.93	105.5
1342	4/1/2010 14:31	10.76	45.86	29.60	9.73	8.20	13.9	2.97	105.9
1343	4/1/2010 14:46	10.78	45.32	29.22	9.76	8.32	11.4	3.03	106.0
	Mean	12.48	44.27	28.54	8.96	8.09	5.1	2.24	100.5
	Minimum	10.22	40.01	25.48	8.03	7.75	0.0	0.76	90.3
	Maximum	14.37	48.10	31.26	10.30	8.43	26.1	3.67	117.4

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	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
0	4/1/2010 15:16	10.72	46.41	30.00	9.42	7.93	11.8	3.17	102.7
1	4/1/2010 15:31	10.76	46.74	30.24	9.44	7.95	13.1	3.18	103.1
2	4/1/2010 15:46	10.75	46.58	30.12	9.40	8.01	13.9	3.12	102.6
3	4/1/2010 16:01	11.19	45.01	29.02	9.50	8.03	8.9	3.06	104.0
4	4/1/2010 16:16	11.19	45.02	29.03	9.51	8.02	8.4	2.98	104.1
5	4/1/2010 16:31	11.21	44.72	28.81	9.45	8.02	9.3	2.89	103.3
6	4/1/2010 16:46	11.21	44.16	28.41	9.42	8.02	9.9	2.80	102.8
7	4/1/2010 17:01	11.30	44.20	28.45	9.56	8.03	5.7	2.72	104.5
8	4/1/2010 17:16	11.29	44.06	28.35	9.51	8.03	5.9	2.62	103.8
9	4/1/2010 17:31	11.29	43.95	28.27	9.61	8.03	5.3	2.53	104.9
10	4/1/2010 17:46	11.32	43.45	27.91	9.40	8.02	7.4	2.46	102.4
11	4/1/2010 18:01	11.33	42.97	27.58	9.45	8.01	5.8	2.34	102.8
12	4/1/2010 18:16	11.36	43.02	27.61	9.61	8.03	5.1	2.25	104.6
13	4/1/2010 18:31	11.40	43.04	27.63	9.58	8.03	4.9	2.18	104.4
14	4/1/2010 18:46	11.42	42.53	27.27	9.69	8.04	4.5	2.09	105.4
15	4/1/2010 19:01	11.42	42.20	27.03	9.74	8.04	4.5	2.03	105.7
16	4/1/2010 19:16	11.41	42.07	26.94	9.76	8.04	3.9	1.94	106.0
17	4/1/2010 19:31	11.40	42.26	27.08	9.79	8.05	4.0	1.90	106.4
18	4/1/2010 19:46	11.35	42.02	26.90	9.66	8.03	3.6	1.87	104.7
19	4/1/2010 20:01	11.36	41.97	26.87	9.46	8.02	2.7	1.82	102.5
20	4/1/2010 20:16	11.36	41.74	26.70	9.48	8.02	2.9	1.81	102.7
21	4/1/2010 20:31	11.34	42.08	26.95	9.58	8.02	3.4	1.83	103.8
22	4/1/2010 20:46	11.35	42.02	26.90	9.54	8.02	4.0	1.88	103.3
23	4/1/2010 21:01	11.35	41.97	26.87	9.54	8.02	4.3	1.91	103.3
24	4/1/2010 21:16	11.30	41.93	26.84	9.50	8.01	4.2	2.00	102.8
25	4/1/2010 21:31	11.34	42.11	26.96	9.42	8.00	4.9	2.08	102.1
26	4/1/2010 21:46	11.35	42.32	27.11	9.37	8.00	5.6	2.17	101.7
27	4/1/2010 22:01	11.36	42.53	27.26	9.31	8.00	5.7	2.24	101.1
28	4/1/2010 22:16	11.35	43.00	27.60	9.26	7.99	6.1	2.35	100.8
29	4/1/2010 22:31	11.28	43.47	27.93	9.20	7.99	6.4	2.42	100.2
30	4/1/2010 22:46	11.16	43.73	28.11	9.14	7.98	6.8	2.49	99.3
31	4/1/2010 23:01	11.12	44.22	28.46	9.18	7.99	7.3	2.58	99.9
32	4/1/2010 23:16	11.10	44.31	28.52	9.19	7.99	7.2	2.65	100.0
33	4/1/2010 23:31	11.09	44.58	28.71	9.21	7.99	8.9	2.74	100.4
34	4/1/2010 23:46	11.06	44.98	28.99	9.25	8.00	10.1	2.84	100.9
35	4/2/2010 0:01	11.04	45.12	29.09	9.27	8.00	10.1	2.94	101.2
36	4/2/2010 0:16	10.99	45.34	29.25	9.27	8.00	10.1	3.03	101.2
37	4/2/2010 0:31	10.95	45.72	29.52	9.29	8.01	11.4	3.14	101.4
38	4/2/2010 0:46	10.92	45.91	29.66	9.32	8.01	12.8	3.23	101.8
39	4/2/2010 1:01	10.90	46.50	30.07	9.36	8.01	16.7	3.32	102.4
40	4/2/2010 1:16	10.88	46.89	30.35	9.37	8.02	16.2	3.41	102.7
41	4/2/2010 1:31	10.85	47.01	30.44	9.37	8.02	14.9	3.48	102.7
42	4/2/2010 1:46	10.85	47.04	30.46	9.38	8.02	13.4	3.55	102.9
43	4/2/2010 2:01	10.83	47.33	30.67	9.37	8.02	11.8	3.60	102.8
44	4/2/2010 2:16	10.82	47.31	30.65	9.37	8.02	10.1	3.64	102.8
45	4/2/2010 2:31	10.81	47.53	30.81	9.33	8.02	8.0	3.68	102.4
46	4/2/2010 2:46	10.84	47.19	30.57	9.25	8.02	7.6	3.68	101.5
47	4/2/2010 3:01	10.82	47.40	30.72	9.28	8.02	11.0	3.64	101.8
48	4/2/2010 3:16	10.80	47.48	30.77	9.30	8.02	10.2	3.62	102.1
49	4/2/2010 3:31	10.78	46.83	30.30	9.31	8.01	15.3	3.53	101.8
50	4/2/2010 3:46	10.80	46.35	29.96	9.27	8.01	12.0	3.44	101.2
51	4/2/2010 4:01	10.82	45.70	29.50	9.13	7.99	7.3	3.34	99.4
52	4/2/2010 4:16	10.76	44.89	28.92	9.13	7.99	9.3	3.22	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	DO%
			mS/cm		mg/L		NTU	meters	
53	4/2/2010 4:31	10.81	44.87	28.90	9.13	7.99	10.4	3.10	99.0
54	4/2/2010 4:46	10.86	44.34	28.53	9.09	7.98	9.5	2.96	98.5
55	4/2/2010 5:01	10.86	44.13	28.38	9.08	7.98	9.0	2.83	98.3
56	4/2/2010 5:16	10.86	43.78	28.13	9.08	7.97	9.8	2.72	98.1
57	4/2/2010 5:31	10.84	43.60	28.00	9.06	7.97	10.0	2.59	97.8
58	4/2/2010 5:46	10.79	43.66	28.04	9.03	7.97	13.9	2.45	97.4
59	4/2/2010 6:01	10.78	43.34	27.82	9.02	7.96	17.1	2.29	97.2
60	4/2/2010 6:16	10.77	43.24	27.75	9.03	7.96	21.6	2.16	97.1
61	4/2/2010 6:31	10.71	43.35	27.82	9.02	7.96	24.1	2.03	96.9
62	4/2/2010 6:46	10.70	43.11	27.65	9.01	7.96	24.3	1.88	96.7
63	4/2/2010 7:01	10.66	43.01	27.57	9.01	7.96	22.6	1.74	96.6
64	4/2/2010 7:16	10.72	42.60	27.29	9.01	7.96	20.6	1.60	96.5
65	4/2/2010 7:31	10.71	42.40	27.15	9.00	7.96	21.2	1.47	96.3
66	4/2/2010 7:46	10.67	42.44	27.17	8.97	7.95	24.4	1.33	96.0
67	4/2/2010 8:01	10.71	42.18	26.99	8.98	7.95	26.1	1.21	96.0
68	4/2/2010 8:16	10.74	42.18	26.99	8.96	7.95	23.1	1.11	95.8
69	4/2/2010 8:31	10.76	42.09	26.93	8.95	7.95	21.1	1.02	95.7
70	4/2/2010 8:46	10.75	41.87	26.77	8.89	7.95	19.2	0.98	95.0
71	4/2/2010 9:01	10.75	42.06	26.91	8.77	7.94	11.8	0.98	93.8
72	4/2/2010 9:16	10.74	41.97	26.85	8.95	7.95	13.0	0.98	95.7
73	4/2/2010 9:31	10.72	42.13	26.95	8.94	7.95	13.2	1.03	95.6
74	4/2/2010 9:46	10.73	42.08	26.92	8.96	7.95	12.0	1.10	95.8
75	4/2/2010 10:01	10.65	40.19	25.59	9.04	7.94	18.2	1.18	95.7
76	4/2/2010 10:16	10.71	41.25	26.34	8.96	7.94	11.8	1.26	95.4
77	4/2/2010 10:31	10.71	40.80	26.02	8.98	7.94	12.0	1.35	95.4
78	4/2/2010 10:46	10.71	40.37	25.72	8.99	7.94	11.0	1.45	95.4
79	4/2/2010 11:01	10.75	41.09	26.22	8.95	7.94	9.6	1.53	95.3
80	4/2/2010 11:16	10.77	41.27	26.35	8.91	7.94	8.5	1.63	95.0
81	4/2/2010 11:31	10.76	41.46	26.48	8.96	7.94	8.1	1.75	95.6
82	4/2/2010 11:46	10.78	41.82	26.74	8.94	7.95	7.9	1.85	95.6
83	4/2/2010 12:01	10.76	41.47	26.49	9.01	7.95	8.3	1.94	96.1
84	4/2/2010 12:16	10.80	42.23	27.03	9.00	7.95	8.8	2.05	96.4
85	4/2/2010 12:31	10.82	43.12	27.66	8.94	7.96	9.9	2.15	96.2
86	4/2/2010 12:46	10.82	43.39	27.85	8.95	7.96	10.6	2.23	96.4
87	4/2/2010 13:01	10.83	43.53	27.95	8.97	7.96	11.1	2.32	96.7
88	4/2/2010 13:16	10.83	43.61	28.01	8.96	7.96	9.9	2.42	96.7
89	4/2/2010 13:31	10.82	43.82	28.15	9.01	7.97	14.1	2.50	97.3
90	4/2/2010 13:46	10.80	43.82	28.16	9.05	7.97	14.8	2.59	97.6
91	4/2/2010 14:01	10.78	44.01	28.29	9.06	7.97	15.7	2.69	97.8
92	4/2/2010 14:16	10.77	44.40	28.57	9.08	7.98	15.3	2.76	98.2
93	4/2/2010 14:31	10.72	44.82	28.86	9.11	7.98	16.8	2.83	98.6
94	4/2/2010 14:46	10.71	45.07	29.04	9.12	7.99	13.7	2.91	98.8
95	4/2/2010 15:01	10.68	45.43	29.30	9.12	7.99	11.4	2.99	98.9
96	4/2/2010 15:16	10.67	45.80	29.56	9.11	7.99	10.2	3.03	99.0
97	4/2/2010 15:31	10.66	45.85	29.60	9.10	8.00	9.2	3.08	98.8
98	4/2/2010 15:46	10.66	45.71	29.50	9.06	7.99	6.2	3.10	98.3
99	4/2/2010 16:01	10.68	45.56	29.39	9.01	7.99	5.9	3.11	97.8
100	4/2/2010 16:16	10.67	45.71	29.49	9.06	7.99	7.1	3.10	98.3
101	4/2/2010 16:31	10.67	45.70	29.49	9.03	7.99	10.6	3.06	98.0
102	4/2/2010 16:46	10.83	45.18	29.13	9.12	7.99	9.3	3.01	99.1
103	4/2/2010 17:01	10.88	44.89	28.93	9.15	7.99	10.3	2.93	99.4
104	4/2/2010 17:16	10.97	44.55	28.68	9.18	7.99	9.5	2.86	99.8
105	4/2/2010 17:31	11.06	43.80	28.16	9.18	7.98	9.2	2.78	99.6

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	
106	4/2/2010 17:46	11.00	43.70	28.08	9.12	7.97	8.7	2.69	98.8
107	4/2/2010 18:01	11.04	43.43	27.89	9.12	7.97	7.6	2.62	98.8
108	4/2/2010 18:16	11.04	43.44	27.90	9.14	7.98	7.9	2.54	99.0
109	4/2/2010 18:31	10.99	43.00	27.58	9.20	7.97	9.3	2.47	99.4
110	4/2/2010 18:46	11.00	42.87	27.49	9.18	7.97	7.8	2.41	99.1
111	4/2/2010 19:01	10.97	43.20	27.73	9.20	7.98	6.8	2.36	99.4
112	4/2/2010 19:16	10.96	42.64	27.32	9.17	7.97	7.1	2.29	98.8
113	4/2/2010 19:31	10.93	42.82	27.45	9.21	7.98	8.2	2.23	99.2
114	4/2/2010 19:46	10.93	41.98	26.86	9.22	7.97	7.6	2.19	98.9
115	4/2/2010 20:01	10.91	41.78	26.71	9.20	7.97	6.9	2.12	98.6
116	4/2/2010 20:16	10.89	42.02	26.88	9.15	7.96	7.2	2.10	98.2
117	4/2/2010 20:31	10.86	42.08	26.93	9.13	7.96	7.2	2.06	97.8
118	4/2/2010 20:46	10.87	41.93	26.82	9.06	7.96	6.6	2.06	97.1
119	4/2/2010 21:01	10.89	41.91	26.80	9.05	7.96	5.6	2.06	97.1
120	4/2/2010 21:16	10.90	42.24	27.04	9.02	7.96	5.2	2.04	96.8
121	4/2/2010 21:31	10.85	41.65	26.62	9.11	7.96	6.0	2.09	97.4
122	4/2/2010 21:46	10.86	41.97	26.85	9.10	7.96	6.3	2.16	97.5
123	4/2/2010 22:01	10.91	42.30	27.09	9.06	7.96	6.5	2.17	97.3
124	4/2/2010 22:16	10.90	41.10	26.24	9.11	7.95	6.8	2.23	97.4
125	4/2/2010 22:31	10.92	41.93	26.82	9.06	7.95	7.6	2.33	97.2
126	4/2/2010 22:46	10.98	42.57	27.28	9.04	7.96	8.7	2.40	97.4
127	4/2/2010 23:01	10.97	42.86	27.49	9.05	7.96	6.9	2.47	97.6
128	4/2/2010 23:16	10.90	42.89	27.50	9.05	7.96	6.7	2.54	97.4
129	4/2/2010 23:31	10.85	43.56	27.97	9.02	7.96	6.9	2.62	97.4
130	4/2/2010 23:46	10.82	44.10	28.36	9.01	7.97	7.4	2.69	97.4
131	4/3/2010 0:01	10.81	44.59	28.70	8.98	7.97	8.9	2.79	97.3
132	4/3/2010 0:16	10.77	44.82	28.87	8.97	7.97	8.1	2.84	97.2
133	4/3/2010 0:31	10.69	44.99	28.98	8.94	7.97	8.0	2.95	96.8
134	4/3/2010 0:46	10.66	45.24	29.16	8.94	7.97	8.2	3.02	96.8
135	4/3/2010 1:01	10.68	45.56	29.39	8.91	7.97	9.3	3.12	96.6
136	4/3/2010 1:16	10.66	45.94	29.66	8.88	7.97	9.9	3.19	96.4
137	4/3/2010 1:31	10.60	46.00	29.70	8.85	7.97	9.3	3.27	96.0
138	4/3/2010 1:46	10.55	46.06	29.74	8.84	7.97	8.8	3.40	95.8
139	4/3/2010 2:01	10.52	46.51	30.06	8.82	7.97	9.7	3.41	95.8
140	4/3/2010 2:16	10.49	46.60	30.12	8.79	7.97	9.0	3.45	95.4
141	4/3/2010 2:31	10.47	47.17	30.53	8.80	7.98	7.6	3.54	95.7
142	4/3/2010 2:46	10.46	47.11	30.49	8.86	7.98	8.2	3.56	96.4
143	4/3/2010 3:01	10.45	47.07	30.46	8.85	7.98	6.5	3.59	96.2
144	4/3/2010 3:16	10.46	46.87	30.31	8.79	7.97	5.2	3.60	95.5
145	4/3/2010 3:31	10.46	47.26	30.59	8.77	7.97	5.7	3.58	95.4
146	4/3/2010 3:46	10.45	47.03	30.43	8.86	7.97	7.2	3.52	96.3
147	4/3/2010 4:01	10.41	46.89	30.33	8.90	7.97	7.4	3.51	96.6
148	4/3/2010 4:16	10.42	46.56	30.09	8.86	7.97	7.8	3.43	96.1
149	4/3/2010 4:31	10.34	44.52	28.63	8.85	7.96	8.9	3.34	94.9
150	4/3/2010 4:46	10.33	44.38	28.53	8.85	7.96	9.5	3.24	94.8
151	4/3/2010 5:01	10.30	43.91	28.20	8.88	7.95	8.3	3.17	94.9
152	4/3/2010 5:16	10.30	43.18	27.68	8.92	7.95	9.8	3.07	94.9
153	4/3/2010 5:31	10.40	43.73	28.07	8.84	7.95	7.8	2.94	94.5
154	4/3/2010 5:46	10.43	43.83	28.15	8.88	7.95	8.5	2.88	95.1
155	4/3/2010 6:01	10.32	42.97	27.53	8.91	7.95	9.2	2.74	94.8
156	4/3/2010 6:16	10.40	43.10	27.63	8.85	7.95	9.1	2.65	94.4
157	4/3/2010 6:31	10.28	42.86	27.45	8.89	7.94	11.0	2.53	94.4
158	4/3/2010 6:46	10.25	42.53	27.21	8.89	7.94	10.9	2.43	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		
159	4/3/2010 7:01	10.26	42.10	26.91	8.87	7.94	12.6	2.31	93.9
160	4/3/2010 7:16	10.28	42.20	26.98	8.85	7.93	11.9	2.16	93.7
161	4/3/2010 7:31	10.21	42.11	26.92	8.85	7.93	11.2	2.07	93.5
162	4/3/2010 7:46	10.18	41.89	26.76	8.83	7.92	10.7	1.90	93.2
163	4/3/2010 8:01	10.15	41.92	26.78	8.82	7.92	11.3	1.78	93.0
164	4/3/2010 8:16	10.14	41.74	26.65	8.82	7.92	13.6	1.66	92.9
165	4/3/2010 8:31	10.11	41.91	26.77	8.79	7.92	12.7	1.55	92.6
166	4/3/2010 8:46	10.12	41.85	26.73	8.81	7.91	10.9	1.44	92.8
167	4/3/2010 9:01	10.12	41.40	26.41	8.77	7.91	10.8	1.32	92.2
168	4/3/2010 9:16	10.11	41.13	26.22	8.76	7.91	9.9	1.24	91.9
169	4/3/2010 9:31	10.11	41.27	26.32	8.69	7.90	8.1	1.17	91.3
170	4/3/2010 9:46	10.10	41.05	26.16	8.68	7.90	7.6	1.14	91.1
171	4/3/2010 10:01	10.10	41.06	26.17	8.72	7.90	8.2	1.14	91.5
172	4/3/2010 10:16	10.12	41.23	26.30	8.75	7.91	8.2	1.12	91.9
173	4/3/2010 10:31	10.15	41.29	26.33	8.77	7.91	8.1	1.18	92.2
174	4/3/2010 10:46	10.17	41.31	26.35	8.76	7.91	9.3	1.18	92.2
175	4/3/2010 11:01	10.18	41.02	26.15	8.78	7.91	9.3	1.31	92.3
176	4/3/2010 11:16	10.17	40.75	25.96	8.77	7.91	9.1	1.37	92.1
177	4/3/2010 11:31	10.17	40.94	26.09	8.75	7.90	8.6	1.42	92.0
178	4/3/2010 11:46	10.18	40.77	25.97	8.76	7.90	8.8	1.52	92.0
179	4/3/2010 12:01	10.19	40.97	26.11	8.74	7.90	8.5	1.58	91.9
180	4/3/2010 12:16	10.19	40.25	25.61	8.77	7.90	8.4	1.64	91.9
181	4/3/2010 12:31	10.22	40.85	26.03	8.75	7.90	8.2	1.77	91.9
182	4/3/2010 12:46	10.25	40.69	25.92	8.82	7.91	10.4	1.86	92.8
183	4/3/2010 13:01	10.29	40.90	26.07	8.83	7.91	8.7	1.92	93.0
184	4/3/2010 13:16	10.32	41.35	26.39	8.84	7.92	8.5	2.02	93.3
185	4/3/2010 13:31	10.35	41.59	26.55	8.85	7.92	8.6	2.13	93.6
186	4/3/2010 13:46	10.34	42.59	27.26	8.78	7.93	8.0	2.21	93.2
187	4/3/2010 14:01	10.63	41.44	26.47	8.84	7.92	9.4	2.30	94.1
188	4/3/2010 14:16	10.61	42.04	26.88	8.89	7.93	7.7	2.37	94.8
189	4/3/2010 14:31	10.47	42.82	27.43	8.81	7.93	8.1	2.46	93.9
190	4/3/2010 14:46	10.51	43.12	27.65	8.83	7.94	8.9	2.53	94.4
191	4/3/2010 15:01	10.60	42.92	27.51	8.85	7.93	9.5	2.56	94.7
192	4/3/2010 15:16	10.58	43.01	27.57	8.87	7.94	10.2	2.61	95.0
193	4/3/2010 15:31	10.60	43.30	27.78	8.89	7.94	11.8	2.69	95.2
194	4/3/2010 15:46	10.66	43.25	27.74	8.94	7.94	10.9	2.77	95.9
195	4/3/2010 16:01	10.70	43.83	28.16	8.98	7.95	9.3	2.81	96.7
196	4/3/2010 16:16	10.54	44.19	28.41	8.98	7.95	7.9	2.84	96.5
197	4/3/2010 16:31	10.53	44.56	28.67	9.01	7.95	7.3	2.88	97.0
198	4/3/2010 16:46	10.54	44.76	28.82	8.99	7.95	4.9	2.91	96.9
199	4/3/2010 17:01	10.59	44.38	28.54	8.80	7.94	4.4	2.92	94.7
200	4/3/2010 17:16	10.56	44.39	28.55	8.88	7.94	5.2	2.90	95.6
201	4/3/2010 17:31	10.56	44.52	28.64	8.89	7.94	6.9	2.89	95.8
202	4/3/2010 17:46	10.60	44.23	28.44	8.87	7.94	8.3	2.85	95.5
203	4/3/2010 18:01	10.73	43.57	27.97	8.90	7.94	9.0	2.78	95.8
204	4/3/2010 18:16	11.05	43.19	27.72	9.12	7.97	6.7	2.74	98.7
205	4/3/2010 18:31	11.11	43.06	27.63	9.23	7.98	5.5	2.68	99.9
206	4/3/2010 18:46	10.99	42.99	27.58	9.09	7.96	6.4	2.65	98.1
207	4/3/2010 19:01	11.14	42.87	27.49	9.26	7.98	5.6	2.57	100.3
208	4/3/2010 19:16	10.99	42.70	27.37	9.22	7.97	5.8	2.55	99.4
209	4/3/2010 19:31	10.97	42.47	27.21	9.22	7.97	5.5	2.47	99.3
210	4/3/2010 19:46	10.92	42.37	27.13	9.19	7.97	5.9	2.45	98.7
211	4/3/2010 20:01	10.89	42.14	26.97	9.17	7.96	6.2	2.43	98.4

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	
212	4/3/2010 20:16	10.90	41.72	26.67	9.18	7.95	6.9	2.33	98.3
213	4/3/2010 20:31	10.86	41.68	26.64	9.17	7.95	6.5	2.27	98.2
214	4/3/2010 20:46	10.84	41.87	26.77	9.18	7.96	5.7	2.28	98.3
215	4/3/2010 21:01	10.85	41.51	26.52	9.17	7.96	5.4	2.23	98.0
216	4/3/2010 21:16	10.84	41.48	26.50	9.10	7.95	4.9	2.19	97.3
217	4/3/2010 21:31	10.86	41.18	26.29	8.90	7.94	4.2	2.20	95.1
218	4/3/2010 21:46	10.85	41.61	26.59	8.96	7.94	3.8	2.19	95.9
219	4/3/2010 22:01	10.79	41.05	26.19	9.14	7.95	5.5	2.21	97.4
220	4/3/2010 22:16	10.79	41.20	26.30	9.15	7.95	5.7	2.21	97.6
221	4/3/2010 22:31	10.89	41.71	26.67	9.05	7.95	5.5	2.26	97.0
222	4/3/2010 22:46	10.83	41.38	26.43	9.10	7.95	5.9	2.30	97.2
223	4/3/2010 23:01	10.86	41.71	26.67	9.07	7.95	6.8	2.30	97.1
224	4/3/2010 23:16	10.93	41.97	26.85	9.05	7.95	7.2	2.36	97.1
225	4/3/2010 23:31	10.89	42.38	27.14	9.07	7.95	6.5	2.44	97.5
226	4/3/2010 23:46	10.87	42.65	27.33	9.07	7.95	6.2	2.50	97.5
227	4/4/2010 0:01	10.85	42.50	27.23	9.09	7.95	5.9	2.56	97.6
228	4/4/2010 0:16	10.81	43.22	27.73	9.07	7.95	5.9	2.63	97.6
229	4/4/2010 0:31	10.67	43.18	27.70	9.09	7.95	6.6	2.69	97.5
230	4/4/2010 0:46	10.63	43.52	27.93	9.10	7.95	7.4	2.74	97.7
231	4/4/2010 1:01	10.58	43.90	28.20	9.11	7.95	6.5	2.81	97.8
232	4/4/2010 1:16	10.57	44.05	28.30	9.19	7.95	7.2	2.89	98.8
233	4/4/2010 1:31	10.52	43.85	28.16	9.28	7.96	7.2	2.99	99.5
234	4/4/2010 1:46	10.74	45.62	29.44	9.37	7.97	7.1	3.08	101.9
235	4/4/2010 2:01	10.71	45.70	29.49	9.43	7.97	7.6	3.11	102.4
236	4/4/2010 2:16	10.76	46.12	29.80	9.46	7.98	8.3	3.16	103.1
237	4/4/2010 2:31	10.75	46.28	29.91	9.50	7.98	8.0	3.24	103.6
238	4/4/2010 2:46	10.73	46.31	29.93	9.51	7.99	7.9	3.30	103.7
239	4/4/2010 3:01	10.71	46.46	30.04	9.49	7.99	6.8	3.32	103.5
240	4/4/2010 3:16	10.73	46.64	30.17	9.52	7.99	5.9	3.37	103.9
241	4/4/2010 3:31	10.72	46.72	30.22	9.52	8.00	5.3	3.42	103.9
242	4/4/2010 3:46	10.72	46.75	30.24	9.47	8.00	5.2	3.41	103.4
243	4/4/2010 4:01	10.74	46.72	30.22	9.27	7.98	4.9	3.43	101.2
244	4/4/2010 4:16	10.66	45.87	29.61	9.27	7.97	5.8	3.41	100.7
245	4/4/2010 4:31	10.61	45.68	29.47	9.28	7.97	5.6	3.37	100.6
246	4/4/2010 4:46	10.48	45.55	29.37	9.29	7.97	6.2	3.31	100.3
247	4/4/2010 5:01	10.45	45.59	29.40	9.34	7.97	8.3	3.26	100.8
248	4/4/2010 5:16	10.42	45.00	28.97	9.30	7.97	10.1	3.18	100.1
249	4/4/2010 5:31	10.68	45.99	29.70	9.39	7.98	6.1	3.09	102.0
250	4/4/2010 5:46	10.57	44.89	28.91	9.27	7.96	6.4	3.00	100.0
251	4/4/2010 6:01	10.38	43.55	27.94	9.12	7.94	9.0	2.93	97.4
252	4/4/2010 6:16	10.38	43.51	27.91	9.09	7.94	8.7	2.82	97.0
253	4/4/2010 6:31	10.36	43.37	27.81	9.09	7.94	10.9	2.71	96.9
254	4/4/2010 6:46	10.34	42.77	27.39	9.06	7.93	11.7	2.63	96.3
255	4/4/2010 7:01	10.33	42.17	26.96	9.07	7.93	11.1	2.52	96.1
256	4/4/2010 7:16	10.31	41.76	26.67	9.05	7.93	11.8	2.41	95.7
257	4/4/2010 7:31	10.27	41.57	26.54	9.04	7.92	14.5	2.30	95.4
258	4/4/2010 7:46	10.20	42.08	26.90	9.03	7.92	19.6	2.20	95.4
259	4/4/2010 8:01	10.18	41.94	26.80	9.03	7.92	22.3	2.09	95.3
260	4/4/2010 8:16	10.18	41.87	26.74	9.02	7.92	21.4	1.98	95.2
261	4/4/2010 8:31	10.12	41.78	26.68	9.02	7.92	22.5	1.88	95.0
262	4/4/2010 8:46	10.10	41.45	26.44	9.04	7.92	23.3	1.78	95.1
263	4/4/2010 9:01	10.06	41.65	26.58	9.03	7.92	21.5	1.67	95.0
264	4/4/2010 9:16	10.08	41.46	26.46	9.04	7.92	18.8	1.57	95.0

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	
265	4/4/2010 9:31	10.12	41.33	26.36	9.03	7.93	16.9	1.47	95.0
266	4/4/2010 9:46	10.14	41.11	26.21	9.00	7.93	13.8	1.40	94.6
267	4/4/2010 10:01	10.16	40.94	26.09	8.97	7.92	11.7	1.33	94.3
268	4/4/2010 10:16	10.16	40.92	26.08	8.95	7.92	9.7	1.27	94.0
269	4/4/2010 10:31	10.15	40.66	25.89	8.89	7.92	7.2	1.26	93.2
270	4/4/2010 10:46	10.13	40.80	25.99	8.98	7.92	8.8	1.22	94.2
271	4/4/2010 11:01	10.11	40.80	25.99	9.03	7.92	9.8	1.25	94.7
272	4/4/2010 11:16	10.11	40.90	26.06	9.02	7.92	10.3	1.27	94.6
273	4/4/2010 11:31	10.09	41.07	26.18	9.03	7.92	11.6	1.30	94.7
274	4/4/2010 11:46	10.07	40.50	25.77	9.04	7.91	12.8	1.42	94.6
275	4/4/2010 12:01	10.07	39.26	24.91	9.05	7.91	11.3	1.44	94.2
276	4/4/2010 12:16	10.14	40.16	25.54	8.98	7.91	9.2	1.53	93.9
277	4/4/2010 12:31	10.12	39.78	25.27	9.02	7.90	10.1	1.62	94.1
278	4/4/2010 12:46	10.15	40.28	25.62	8.96	7.91	7.8	1.69	93.8
279	4/4/2010 13:01	10.20	40.61	25.86	8.91	7.91	7.4	1.74	93.5
280	4/4/2010 13:16	10.19	40.80	25.99	8.88	7.90	6.7	1.80	93.2
281	4/4/2010 13:31	10.11	39.08	24.79	9.00	7.90	9.4	1.88	93.7
282	4/4/2010 13:46	10.20	40.68	25.91	8.94	7.91	8.0	1.93	93.9
283	4/4/2010 14:01	10.18	41.20	26.28	8.95	7.91	7.7	1.99	94.2
284	4/4/2010 14:16	10.12	41.31	26.35	9.03	7.92	8.1	2.06	94.9
285	4/4/2010 14:31	10.06	41.35	26.38	9.05	7.92	8.4	2.14	95.0
286	4/4/2010 14:46	10.11	41.69	26.61	9.04	7.92	8.3	2.21	95.2
287	4/4/2010 15:01	10.15	42.27	27.02	9.03	7.92	7.9	2.28	95.4
288	4/4/2010 15:16	10.18	42.50	27.19	9.04	7.93	8.9	2.37	95.6
289	4/4/2010 15:31	10.23	42.48	27.18	9.03	7.93	9.0	2.44	95.6
290	4/4/2010 15:46	10.27	43.02	27.57	9.01	7.93	9.0	2.52	95.7
291	4/4/2010 16:01	10.30	42.88	27.46	9.02	7.94	9.0	2.59	95.9
292	4/4/2010 16:16	10.30	43.31	27.77	9.03	7.93	10.5	2.61	96.2
293	4/4/2010 16:31	10.26	43.18	27.68	9.12	7.95	11.0	2.70	96.9
294	4/4/2010 16:46	10.24	43.38	27.81	9.15	7.95	9.4	2.76	97.3
295	4/4/2010 17:01	10.25	43.52	27.91	9.12	7.95	6.7	2.79	97.1
296	4/4/2010 17:16	10.26	43.54	27.93	9.14	7.95	6.7	2.82	97.4
297	4/4/2010 17:31	10.29	43.76	28.09	9.14	7.95	5.2	2.88	97.5
298	4/4/2010 17:46	10.28	44.00	28.26	9.02	7.95	4.5	2.89	96.3
299	4/4/2010 18:01	10.27	44.00	28.26	9.01	7.95	4.1	2.88	96.2
300	4/4/2010 18:16	10.27	44.15	28.37	9.02	7.95	5.0	2.88	96.4
301	4/4/2010 18:31	10.34	43.20	27.70	9.00	7.94	5.2	2.87	95.9
302	4/4/2010 18:46	10.29	43.58	27.96	9.06	7.95	4.8	2.82	96.6
303	4/4/2010 19:01	10.27	43.56	27.94	9.05	7.94	6.9	2.80	96.4
304	4/4/2010 19:16	10.25	42.93	27.50	9.09	7.94	5.9	2.75	96.6
305	4/4/2010 19:31	10.24	42.77	27.38	9.02	7.94	5.7	2.72	95.7
306	4/4/2010 19:46	10.22	42.52	27.21	9.10	7.94	6.7	2.64	96.4
307	4/4/2010 20:01	10.15	41.86	26.74	9.16	7.94	7.3	2.58	96.6
308	4/4/2010 20:16	10.10	41.39	26.40	9.18	7.93	6.5	2.56	96.5
309	4/4/2010 20:31	10.05	41.17	26.25	9.17	7.93	6.0	2.49	96.2
310	4/4/2010 20:46	10.03	41.53	26.50	9.11	7.93	5.4	2.46	95.6
311	4/4/2010 21:01	10.01	41.29	26.33	9.04	7.93	4.9	2.42	94.8
312	4/4/2010 21:16	10.15	41.89	26.76	8.82	7.91	3.6	2.38	93.0
313	4/4/2010 21:31	10.13	42.19	26.97	8.86	7.92	4.1	2.37	93.6
314	4/4/2010 21:46	10.06	41.61	26.55	8.80	7.91	3.8	2.36	92.5
315	4/4/2010 22:01	10.01	41.62	26.56	8.77	7.91	4.3	2.36	92.1
316	4/4/2010 22:16	9.93	41.37	26.38	8.88	7.91	4.5	2.34	92.9
317	4/4/2010 22:31	10.04	41.49	26.47	8.84	7.91	4.2	2.36	92.8

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	
318	4/4/2010 22:46	10.06	41.57	26.53	9.03	7.93	4.7	2.36	94.9
319	4/4/2010 23:01	10.07	41.46	26.45	9.06	7.92	4.7	2.36	95.2
320	4/4/2010 23:16	10.08	41.62	26.56	9.07	7.93	4.9	2.36	95.4
321	4/4/2010 23:31	10.05	41.20	26.27	9.12	7.93	4.9	2.39	95.6
322	4/4/2010 23:46	10.09	41.78	26.68	9.05	7.92	5.3	2.42	95.2
323	4/5/2010 0:01	10.19	42.57	27.24	8.98	7.93	5.2	2.46	95.1
324	4/5/2010 0:16	10.23	42.90	27.47	8.99	7.93	6.0	2.50	95.4
325	4/5/2010 0:31	10.24	43.24	27.72	9.04	7.93	5.6	2.54	96.1
326	4/5/2010 0:46	10.22	43.02	27.56	9.04	7.93	6.0	2.57	96.0
327	4/5/2010 1:01	10.23	43.17	27.67	9.05	7.94	6.5	2.62	96.2
328	4/5/2010 1:16	10.20	42.80	27.40	9.11	7.94	5.6	2.72	96.6
329	4/5/2010 1:31	10.13	42.88	27.46	9.13	7.94	7.6	2.75	96.7
330	4/5/2010 1:46	10.18	43.50	27.90	9.11	7.94	5.4	2.80	96.9
331	4/5/2010 2:01	10.22	44.21	28.41	9.14	7.95	5.4	2.85	97.6
332	4/5/2010 2:16	10.20	44.51	28.62	9.16	7.96	5.6	2.90	97.9
333	4/5/2010 2:31	10.15	44.61	28.68	9.18	7.96	5.4	2.96	98.0
334	4/5/2010 2:46	10.22	44.85	28.86	9.19	7.96	5.6	3.03	98.4
335	4/5/2010 3:01	10.22	44.86	28.87	9.17	7.96	5.0	3.08	98.2
336	4/5/2010 3:16	10.21	45.10	29.04	9.17	7.96	4.8	3.14	98.2
337	4/5/2010 3:31	10.22	44.92	28.91	9.18	7.96	4.5	3.20	98.3
338	4/5/2010 3:46	10.24	45.32	29.20	9.21	7.97	4.5	3.25	98.8
339	4/5/2010 4:01	10.22	45.19	29.10	9.22	7.97	4.5	3.24	98.9
340	4/5/2010 4:16	10.25	45.67	29.45	9.16	7.97	4.6	3.26	98.5
341	4/5/2010 4:31	10.26	45.59	29.39	9.05	7.97	3.9	3.30	97.3
342	4/5/2010 4:46	10.28	45.83	29.56	9.05	7.96	4.8	3.30	97.5
343	4/5/2010 5:01	10.26	45.65	29.43	8.98	7.95	3.5	3.27	96.6
344	4/5/2010 5:16	10.15	45.24	29.13	9.05	7.96	4.3	3.27	96.9
345	4/5/2010 5:31	10.16	44.46	28.58	9.01	7.95	5.1	3.24	96.1
346	4/5/2010 5:46	10.24	45.18	29.10	9.10	7.96	4.8	3.21	97.6
347	4/5/2010 6:01	10.05	44.75	28.78	9.07	7.95	5.1	3.14	96.7
348	4/5/2010 6:16	9.97	44.08	28.30	9.04	7.95	4.8	3.05	95.9
349	4/5/2010 6:31	9.53	41.58	26.51	9.09	7.92	7.0	2.95	94.4
350	4/5/2010 6:46	9.78	42.20	26.96	9.05	7.93	7.4	2.94	94.8
351	4/5/2010 7:01	9.56	41.66	26.56	9.10	7.92	6.9	2.86	94.6
352	4/5/2010 7:16	9.59	41.96	26.78	9.11	7.92	9.0	2.75	94.9
353	4/5/2010 7:31	9.61	41.91	26.74	9.09	7.92	7.4	2.68	94.7
354	4/5/2010 7:46	9.63	42.04	26.84	9.07	7.92	6.5	2.59	94.6
355	4/5/2010 8:01	9.62	42.04	26.83	9.05	7.92	6.0	2.52	94.3
356	4/5/2010 8:16	9.64	42.03	26.83	9.03	7.92	5.6	2.43	94.2
357	4/5/2010 8:31	9.64	42.08	26.86	9.06	7.87	6.4	2.31	94.6
358	4/5/2010 8:46	9.61	41.93	26.76	9.09	7.95	7.0	2.22	94.7
359	4/5/2010 9:01	9.59	41.57	26.50	9.10	7.95	8.5	2.16	94.6
360	4/5/2010 9:16	9.62	41.48	26.44	9.20	7.88	7.4	2.01	95.7
361	4/5/2010 9:31	9.60	40.97	26.08	9.16	7.91	7.3	1.95	95.1
362	4/5/2010 9:46	9.67	41.12	26.19	9.29	7.88	7.3	1.87	96.6
363	4/5/2010 10:01	9.64	41.01	26.12	9.25	7.96	7.2	1.74	96.1
364	4/5/2010 10:16	9.68	41.01	26.12	9.29	7.88	7.1	1.69	96.5
365	4/5/2010 10:31	9.71	40.89	26.03	9.31	7.88	6.3	1.59	96.8
366	4/5/2010 10:46	9.78	40.91	26.05	9.33	7.89	4.9	1.56	97.1
367	4/5/2010 11:01	9.84	40.76	25.94	9.31	7.93	5.1	1.48	97.0
368	4/5/2010 11:16	9.82	40.64	25.86	9.19	7.92	4.8	1.41	95.7
369	4/5/2010 11:31	9.90	40.61	25.84	9.24	7.92	4.3	1.38	96.3
370	4/5/2010 11:46	10.00	40.81	25.99	9.11	7.92	4.5	1.43	95.3

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	
371	4/5/2010 12:01	10.13	40.73	25.94	9.29	7.93	5.2	1.41	97.4
372	4/5/2010 12:16	10.05	40.70	25.92	9.29	7.92	4.2	1.43	97.3
373	4/5/2010 12:31	9.92	41.03	26.14	9.21	7.92	4.5	1.47	96.3
374	4/5/2010 12:46	9.86	40.91	26.05	9.16	7.87	4.8	1.52	95.5
375	4/5/2010 13:01	9.78	40.96	26.09	9.05	7.86	4.6	1.56	94.2
376	4/5/2010 13:16	9.80	40.18	25.54	9.12	7.86	6.3	1.62	94.7
377	4/5/2010 13:31	9.78	40.45	25.73	9.08	7.85	5.2	1.67	94.4
378	4/5/2010 13:46	9.73	40.44	25.72	9.10	7.85	6.7	1.77	94.4
379	4/5/2010 14:01	9.71	40.69	25.89	9.01	7.85	5.3	1.79	93.6
380	4/5/2010 14:16	9.71	40.71	25.91	9.00	7.85	5.2	1.87	93.5
381	4/5/2010 14:31	9.69	40.05	25.44	9.04	7.85	5.9	1.93	93.6
382	4/5/2010 14:46	9.66	40.58	25.81	9.02	7.90	6.4	2.00	93.5
383	4/5/2010 15:01	9.68	40.87	26.02	9.00	7.85	5.6	2.06	93.5
384	4/5/2010 15:16	9.79	40.57	25.81	9.04	7.85	6.3	2.16	94.1
385	4/5/2010 15:31	10.06	40.20	25.56	9.15	7.90	7.1	2.18	95.5
386	4/5/2010 15:46	10.19	40.42	25.72	9.22	7.91	8.1	2.28	96.7
387	4/5/2010 16:01	10.32	39.98	25.42	9.25	7.91	9.9	2.34	97.1
388	4/5/2010 16:16	10.17	40.74	25.95	9.20	7.91	7.9	2.41	96.5
389	4/5/2010 16:31	10.10	41.40	26.41	9.19	7.91	7.1	2.48	96.6
390	4/5/2010 16:46	10.09	41.72	26.63	9.15	7.92	6.7	2.50	96.2
391	4/5/2010 17:01	10.06	41.78	26.68	9.15	7.87	6.4	2.55	96.2
392	4/5/2010 17:16	10.01	42.09	26.89	9.11	7.92	5.7	2.63	95.9
393	4/5/2010 17:31	10.00	42.26	27.01	9.11	7.88	5.4	2.67	95.9
394	4/5/2010 17:46	9.99	42.36	27.08	9.07	7.92	5.1	2.74	95.5
395	4/5/2010 18:01	9.95	42.52	27.19	9.03	7.88	4.7	2.79	95.1
396	4/5/2010 18:16	9.97	42.61	27.26	9.02	7.92	4.2	2.81	95.0
397	4/5/2010 18:31	9.97	42.75	27.36	9.00	7.92	4.2	2.83	94.9
398	4/5/2010 18:46	9.97	42.75	27.36	8.93	7.92	3.6	2.87	94.1
399	4/5/2010 19:01	9.99	42.66	27.29	8.84	7.91	4.0	2.87	93.2
400	4/5/2010 19:16	10.01	42.69	27.32	8.93	7.92	3.8	2.88	94.2
401	4/5/2010 19:31	10.01	42.79	27.39	8.92	7.92	4.4	2.90	94.1
402	4/5/2010 19:46	10.00	42.87	27.44	8.93	7.92	4.1	2.87	94.3
403	4/5/2010 20:01	9.98	42.60	27.25	8.99	7.93	4.3	2.84	94.7
404	4/5/2010 20:16	10.01	42.17	26.95	9.15	7.93	5.2	2.79	96.3
405	4/5/2010 20:31	10.03	42.01	26.84	9.17	7.93	4.8	2.76	96.5
406	4/5/2010 20:46	10.07	41.71	26.63	9.21	7.93	4.6	2.73	96.8
407	4/5/2010 21:01	10.09	41.55	26.51	9.23	7.93	4.9	2.69	97.0
408	4/5/2010 21:16	10.11	41.36	26.39	9.23	7.93	4.9	2.64	97.1
409	4/5/2010 21:31	10.17	40.99	26.13	9.26	7.93	4.9	2.61	97.3
410	4/5/2010 21:46	10.16	40.65	25.89	9.15	7.92	4.2	2.59	96.0
411	4/5/2010 22:01	10.09	40.86	26.03	9.02	7.91	3.4	2.56	94.5
412	4/5/2010 22:16	10.04	40.94	26.08	8.88	7.90	3.1	2.54	93.0
413	4/5/2010 22:31	10.06	41.02	26.14	8.84	7.90	3.5	2.54	92.7
414	4/5/2010 22:46	10.08	40.98	26.11	8.87	7.90	4.0	2.51	93.0
415	4/5/2010 23:01	10.09	40.89	26.05	8.81	7.90	3.4	2.47	92.4
416	4/5/2010 23:16	10.08	40.63	25.87	8.81	7.90	3.6	2.48	92.3
417	4/5/2010 23:31	10.10	40.57	25.83	8.69	7.85	3.2	2.46	91.0
418	4/5/2010 23:46	10.08	40.57	25.83	8.83	7.90	3.7	2.46	92.4
419	4/6/2010 0:01	10.11	40.58	25.83	9.11	7.95	4.2	2.47	95.4
420	4/6/2010 0:16	10.08	40.57	25.82	9.13	7.87	4.1	2.48	95.6
421	4/6/2010 0:31	10.05	40.44	25.73	9.15	7.91	3.8	2.51	95.7
422	4/6/2010 0:46	10.07	40.58	25.83	9.16	7.87	4.0	2.53	95.8
423	4/6/2010 1:01	10.07	40.62	25.86	9.12	7.87	5.2	2.53	95.4

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	
424	4/6/2010 1:16	10.05	41.29	26.33	9.04	7.86	4.7	2.56	94.9
425	4/6/2010 1:31	10.04	41.35	26.37	9.06	7.94	4.8	2.57	95.0
426	4/6/2010 1:46	10.03	41.62	26.56	8.99	7.86	4.7	2.61	94.4
427	4/6/2010 2:01	10.03	41.94	26.79	8.99	7.87	4.9	2.65	94.6
428	4/6/2010 2:16	10.05	42.19	26.97	9.02	7.92	4.9	2.70	95.1
429	4/6/2010 2:31	10.04	42.14	26.93	9.04	7.92	4.9	2.73	95.2
430	4/6/2010 2:46	10.03	42.13	26.92	9.06	7.92	4.9	2.78	95.4
431	4/6/2010 3:01	10.03	42.40	27.11	9.05	7.87	4.5	2.82	95.4
432	4/6/2010 3:16	10.01	42.42	27.13	9.07	7.92	5.0	2.88	95.6
433	4/6/2010 3:31	10.03	42.48	27.16	9.08	7.92	4.2	2.93	95.7
434	4/6/2010 3:46	9.99	42.31	27.04	9.11	7.92	4.2	2.97	95.9
435	4/6/2010 4:01	10.02	42.58	27.24	9.12	7.92	4.3	3.01	96.2
436	4/6/2010 4:16	10.09	43.07	27.59	9.09	7.93	4.0	3.06	96.3
437	4/6/2010 4:31	10.10	43.46	27.86	9.08	7.94	4.1	3.12	96.3
438	4/6/2010 4:46	10.12	43.52	27.91	9.12	7.94	4.0	3.13	96.8
439	4/6/2010 5:01	10.07	43.18	27.67	9.07	7.93	3.9	3.15	96.0
440	4/6/2010 5:16	10.11	43.21	27.69	8.93	7.92	3.1	3.17	94.7
441	4/6/2010 5:31	10.09	43.27	27.73	8.82	7.91	3.2	3.18	93.4
442	4/6/2010 5:46	10.14	43.48	27.88	8.79	7.92	3.4	3.19	93.3
443	4/6/2010 6:01	10.16	43.61	27.97	8.79	7.92	3.0	3.16	93.4
444	4/6/2010 6:16	10.14	43.48	27.88	8.95	7.92	3.2	3.14	95.1
445	4/6/2010 6:31	10.15	43.41	27.83	8.91	7.92	4.2	3.12	94.6
446	4/6/2010 6:46	10.10	43.15	27.65	8.92	7.92	4.0	3.07	94.5
447	4/6/2010 7:01	10.11	43.28	27.74	8.87	7.92	5.3	3.03	94.0
448	4/6/2010 7:16	10.01	42.41	27.11	9.00	7.92	6.3	2.96	94.8
449	4/6/2010 7:31	9.96	42.00	26.83	8.93	7.91	5.2	2.90	93.8
450	4/6/2010 7:46	10.00	42.38	27.09	8.93	7.91	4.6	2.84	94.1
451	4/6/2010 8:01	9.92	41.83	26.70	8.92	7.90	5.2	2.78	93.5
452	4/6/2010 8:16	9.80	40.98	26.10	8.95	7.85	4.9	2.71	93.2
453	4/6/2010 8:31	9.82	41.19	26.25	8.93	7.92	4.6	2.63	93.2
454	4/6/2010 8:46	9.82	41.04	26.14	8.99	7.85	4.5	2.54	93.7
455	4/6/2010 9:01	9.85	40.83	26.00	9.03	7.85	4.5	2.48	94.2
456	4/6/2010 9:16	9.93	40.67	25.89	9.07	7.90	5.2	2.39	94.7
457	4/6/2010 9:31	9.97	40.80	25.98	9.14	7.90	4.4	2.31	95.5
458	4/6/2010 9:46	10.01	40.83	26.00	9.22	7.91	4.2	2.23	96.4
459	4/6/2010 10:01	10.05	40.38	25.69	9.27	7.91	4.0	2.12	96.9
460	4/6/2010 10:16	10.13	40.24	25.60	9.35	7.92	3.7	2.03	97.8
461	4/6/2010 10:31	10.19	40.06	25.47	9.38	7.92	3.8	1.94	98.2
462	4/6/2010 10:46	10.29	39.94	25.40	9.40	7.92	3.6	1.88	98.6
463	4/6/2010 11:01	10.33	39.64	25.18	9.43	7.93	3.4	1.79	98.9
464	4/6/2010 11:16	10.48	39.90	25.37	9.57	7.93	3.5	1.70	100.8
465	4/6/2010 11:31	10.55	39.87	25.36	9.51	7.93	3.6	1.65	100.3
466	4/6/2010 11:46	10.63	39.84	25.34	9.51	7.94	3.5	1.58	100.4
467	4/6/2010 12:01	10.66	39.86	25.35	9.44	7.93	3.4	1.55	99.8
468	4/6/2010 12:16	10.67	39.71	25.25	9.41	7.93	2.6	1.53	99.4
469	4/6/2010 12:31	10.70	39.78	25.30	9.09	7.91	2.9	1.51	96.1
470	4/6/2010 12:46	10.52	40.12	25.53	9.41	7.92	2.9	1.52	99.3
471	4/6/2010 13:01	10.84	39.99	25.46	9.44	7.92	2.9	1.52	100.3
472	4/6/2010 13:16	10.70	40.16	25.56	9.38	7.92	3.0	1.55	99.3
473	4/6/2010 13:31	10.48	39.98	25.43	9.28	7.87	2.9	1.56	97.8
474	4/6/2010 13:46	10.32	39.78	25.29	9.18	7.86	2.6	1.57	96.3
475	4/6/2010 14:01	10.48	39.72	25.25	9.18	7.91	3.2	1.64	96.6
476	4/6/2010 14:16	10.49	39.64	25.19	9.17	7.90	3.4	1.68	96.5

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	
477	4/6/2010 14:31	10.38	40.00	25.44	9.21	7.91	3.1	1.72	96.8
478	4/6/2010 14:46	10.40	39.87	25.35	9.15	7.86	3.4	1.79	96.1
479	4/6/2010 15:01	10.47	40.00	25.44	9.14	7.90	3.6	1.85	96.2
480	4/6/2010 15:16	10.38	39.98	25.43	9.14	7.90	3.4	1.89	96.1
481	4/6/2010 15:31	10.33	39.99	25.43	9.06	7.85	3.3	1.92	95.1
482	4/6/2010 15:46	10.25	40.04	25.46	9.02	7.84	3.2	2.01	94.5
483	4/6/2010 16:01	10.22	39.96	25.40	9.06	7.84	3.9	2.08	94.8
484	4/6/2010 16:16	10.28	39.72	25.24	9.11	7.85	4.6	2.12	95.5
485	4/6/2010 16:31	10.20	39.88	25.35	9.08	7.85	4.1	2.21	95.0
486	4/6/2010 16:46	10.19	40.33	25.66	9.06	7.85	3.9	2.28	95.0
487	4/6/2010 17:01	10.28	40.11	25.51	9.14	7.86	4.4	2.33	95.9
488	4/6/2010 17:16	10.29	40.37	25.70	9.14	7.86	4.3	2.40	96.1
489	4/6/2010 17:31	10.25	40.65	25.89	9.11	7.86	4.0	2.46	95.8
490	4/6/2010 17:46	10.30	40.60	25.86	9.15	7.86	4.1	2.52	96.2
491	4/6/2010 18:01	10.31	40.72	25.94	9.15	7.92	4.1	2.56	96.3
492	4/6/2010 18:16	10.30	41.11	26.22	9.11	7.91	3.8	2.61	96.0
493	4/6/2010 18:31	10.31	41.12	26.23	9.11	7.87	3.7	2.67	96.1
494	4/6/2010 18:46	10.26	41.45	26.45	9.12	7.91	3.5	2.72	96.2
495	4/6/2010 19:01	10.27	41.47	26.47	9.08	7.87	3.4	2.77	95.9
496	4/6/2010 19:16	10.32	41.72	26.65	9.07	7.87	3.2	2.79	96.0
497	4/6/2010 19:31	10.41	41.90	26.78	9.03	7.92	3.2	2.81	95.8
498	4/6/2010 19:46	10.95	41.00	26.17	9.23	7.93	3.7	2.85	98.7
499	4/6/2010 20:01	10.55	41.33	26.38	8.73	7.88	2.3	2.86	92.6
500	4/6/2010 20:16	10.27	42.28	27.04	8.89	7.90	2.7	2.86	94.2
501	4/6/2010 20:31	10.46	41.83	26.73	8.79	7.90	2.8	2.86	93.4
502	4/6/2010 20:46	10.36	41.71	26.64	8.90	7.90	2.7	2.83	94.2
503	4/6/2010 21:01	10.28	41.53	26.51	8.91	7.90	3.4	2.82	94.1
504	4/6/2010 21:16	10.59	40.77	25.99	8.96	7.91	3.3	2.80	94.9
505	4/6/2010 21:31	10.66	40.58	25.86	8.94	7.91	3.7	2.76	94.8
506	4/6/2010 21:46	10.60	40.71	25.95	8.96	7.91	3.7	2.71	94.9
507	4/6/2010 22:01	10.45	40.89	26.07	8.97	7.90	4.0	2.69	94.8
508	4/6/2010 22:16	10.62	40.51	25.81	9.07	7.91	4.0	2.64	96.1
509	4/6/2010 22:31	10.56	40.37	25.71	9.11	7.91	4.1	2.60	96.4
510	4/6/2010 22:46	10.65	40.46	25.78	9.11	7.92	4.5	2.56	96.5
511	4/6/2010 23:01	10.78	40.23	25.62	9.20	7.94	4.3	2.54	97.7
512	4/6/2010 23:16	10.87	39.94	25.42	9.20	7.94	4.2	2.51	97.7
513	4/6/2010 23:31	10.85	40.02	25.48	9.10	7.93	4.2	2.47	96.7
514	4/6/2010 23:46	10.93	39.82	25.34	9.08	7.93	3.4	2.44	96.6
515	4/7/2010 0:01	10.95	39.61	25.19	9.10	7.93	3.4	2.42	96.7
516	4/7/2010 0:16	10.88	39.59	25.17	8.98	7.91	2.5	2.40	95.2
517	4/7/2010 0:31	10.79	39.83	25.34	8.83	7.91	3.5	2.37	93.6
518	4/7/2010 0:46	10.81	39.74	25.27	8.92	7.91	2.6	2.38	94.5
519	4/7/2010 1:01	10.82	39.58	25.16	8.98	7.91	3.5	2.38	95.2
520	4/7/2010 1:16	10.83	39.81	25.33	9.11	7.92	3.9	2.39	96.7
521	4/7/2010 1:31	10.79	39.84	25.35	9.18	7.92	3.8	2.38	97.3
522	4/7/2010 1:46	10.83	39.75	25.28	9.10	7.91	3.6	2.38	96.5
523	4/7/2010 2:01	10.82	39.74	25.27	9.19	7.92	3.5	2.41	97.4
524	4/7/2010 2:16	10.83	39.91	25.40	9.30	7.92	3.1	2.43	98.7
525	4/7/2010 2:31	10.59	40.41	25.74	9.02	7.90	4.4	2.45	95.4
526	4/7/2010 2:46	10.73	39.78	25.30	9.11	7.87	4.2	2.48	96.4
527	4/7/2010 3:01	10.46	41.24	26.31	8.94	7.85	4.4	2.52	94.7
528	4/7/2010 3:16	10.48	41.01	26.15	8.98	7.86	4.5	2.55	95.1
529	4/7/2010 3:31	10.48	41.42	26.44	9.03	7.86	4.6	2.59	95.7

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	
530	4/7/2010 3:46	10.45	42.15	26.96	9.05	7.87	4.5	2.63	96.2
531	4/7/2010 4:01	10.48	42.11	26.93	9.11	7.92	3.8	2.68	96.9
532	4/7/2010 4:16	10.52	42.55	27.24	9.15	7.92	3.7	2.72	97.5
533	4/7/2010 4:31	10.58	42.32	27.08	9.19	7.93	4.1	2.76	98.1
534	4/7/2010 4:46	10.61	42.93	27.52	9.21	7.94	4.0	2.80	98.6
535	4/7/2010 5:01	10.62	43.01	27.57	9.22	7.94	4.5	2.84	98.8
536	4/7/2010 5:16	10.62	42.47	27.19	9.23	7.94	4.3	2.89	98.6
537	4/7/2010 5:31	10.63	42.89	27.49	9.22	7.94	4.2	2.93	98.7
538	4/7/2010 5:46	10.63	42.73	27.37	9.26	7.94	3.7	2.96	99.1
539	4/7/2010 6:01	10.64	42.64	27.31	9.23	7.94	3.5	2.98	98.8
540	4/7/2010 6:16	10.67	44.10	28.35	9.25	7.96	3.9	3.02	99.6
541	4/7/2010 6:31	10.66	44.02	28.29	9.14	7.95	2.9	3.03	98.4
542	4/7/2010 6:46	10.63	43.59	27.99	9.06	7.93	2.7	3.05	97.3
543	4/7/2010 7:01	10.62	43.45	27.89	8.88	7.92	2.7	3.05	95.3
544	4/7/2010 7:16	10.57	42.96	27.54	8.88	7.92	2.6	3.03	95.0
545	4/7/2010 7:31	10.61	43.26	27.75	9.06	7.93	2.8	3.03	97.2
546	4/7/2010 7:46	10.61	43.05	27.60	9.11	7.93	3.0	2.99	97.5
547	4/7/2010 8:01	10.49	41.80	26.71	9.05	7.92	3.4	2.95	96.1
548	4/7/2010 8:16	10.56	42.33	27.09	9.13	7.94	3.2	2.91	97.3
549	4/7/2010 8:31	10.43	41.02	26.16	9.11	7.93	3.7	2.85	96.3
550	4/7/2010 8:46	10.45	40.33	25.67	9.12	7.92	3.6	2.80	96.1
551	4/7/2010 9:01	10.50	41.21	26.30	9.11	7.92	3.5	2.73	96.5
552	4/7/2010 9:16	10.51	41.70	26.64	9.03	7.91	3.0	2.66	95.9
553	4/7/2010 9:31	10.52	41.80	26.71	9.02	7.92	3.9	2.59	95.9
554	4/7/2010 9:46	10.56	41.15	26.26	9.15	7.92	5.9	2.52	97.0
555	4/7/2010 10:01	10.60	40.88	26.07	9.17	7.92	3.7	2.44	97.3
556	4/7/2010 10:16	10.87	40.26	25.64	9.38	7.95	3.4	2.38	99.8
557	4/7/2010 10:31	10.83	40.58	25.86	9.34	7.93	3.4	2.30	99.4
558	4/7/2010 10:46	11.05	40.36	25.73	9.35	7.95	3.7	2.20	99.9
559	4/7/2010 11:01	11.15	40.25	25.65	9.43	7.95	3.2	2.15	101.0
560	4/7/2010 11:16	11.21	40.28	25.67	9.35	7.95	2.7	2.05	100.3
561	4/7/2010 11:31	11.20	40.29	25.68	9.36	7.95	2.6	1.96	100.3
562	4/7/2010 11:46	11.30	40.02	25.49	9.40	7.95	2.4	1.86	100.9
563	4/7/2010 12:01	11.34	40.33	25.71	9.36	7.95	2.5	1.79	100.7
564	4/7/2010 12:16	11.46	40.08	25.54	9.26	7.95	2.3	1.73	99.7
565	4/7/2010 12:31	11.53	39.94	25.44	9.43	7.97	1.8	1.65	101.6
566	4/7/2010 12:46	11.53	39.78	25.33	9.50	7.97	2.0	1.59	102.3
567	4/7/2010 13:01	11.63	39.56	25.18	9.37	7.96	1.8	1.55	101.1
568	4/7/2010 13:16	11.82	39.77	25.34	9.45	7.97	1.8	1.53	102.4
569	4/7/2010 13:31	12.41	39.59	25.23	9.80	8.00	2.6	1.50	107.6
570	4/7/2010 13:46	12.48	39.80	25.37	10.05	8.00	2.3	1.50	110.5
571	4/7/2010 14:01	12.11	40.03	25.53	10.05	8.00	2.6	1.50	109.7
572	4/7/2010 14:16	12.29	39.54	25.19	9.87	8.00	1.9	1.51	107.9
573	4/7/2010 14:31	12.30	39.59	25.22	9.86	8.00	2.0	1.53	107.9
574	4/7/2010 14:46	12.15	39.68	25.28	9.92	8.00	2.1	1.58	108.2
575	4/7/2010 15:01	11.70	39.95	25.46	9.78	7.98	2.2	1.61	105.8
576	4/7/2010 15:16	11.84	39.92	25.44	9.76	7.98	2.3	1.66	105.9
577	4/7/2010 15:31	11.43	39.87	25.39	9.45	7.95	2.0	1.71	101.6
578	4/7/2010 15:46	11.57	40.07	25.53	9.54	7.96	2.1	1.76	103.0
579	4/7/2010 16:01	11.43	39.97	25.46	9.41	7.95	2.1	1.80	101.2
580	4/7/2010 16:16	11.37	40.18	25.61	9.39	7.94	2.1	1.87	100.9
581	4/7/2010 16:31	11.38	39.98	25.47	9.41	7.95	2.4	1.93	101.1
582	4/7/2010 16:46	11.14	40.39	25.75	9.27	7.93	2.6	1.99	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	DO%
			mS/cm		mg/L		NTU	meters	
583	4/7/2010 17:01	11.13	40.39	25.74	9.29	7.94	3.1	2.06	99.4
584	4/7/2010 17:16	11.14	40.33	25.70	9.33	7.94	3.2	2.13	99.9
585	4/7/2010 17:31	11.08	40.65	25.93	9.29	7.94	3.0	2.19	99.5
586	4/7/2010 17:46	10.94	41.12	26.25	9.26	7.94	3.2	2.27	99.1
587	4/7/2010 18:01	10.92	41.29	26.37	9.28	7.94	3.1	2.33	99.2
588	4/7/2010 18:16	10.91	41.73	26.68	9.26	7.94	3.2	2.39	99.2
589	4/7/2010 18:31	10.83	42.08	26.93	9.22	7.94	3.1	2.45	98.8
590	4/7/2010 18:46	10.86	41.80	26.73	9.25	7.94	3.2	2.51	99.0
591	4/7/2010 19:01	10.87	42.03	26.89	9.27	7.95	3.1	2.58	99.4
592	4/7/2010 19:16	10.95	42.10	26.94	9.29	7.95	3.2	2.62	99.8
593	4/7/2010 19:31	10.94	42.38	27.14	9.24	7.95	3.0	2.68	99.4
594	4/7/2010 19:46	10.98	42.53	27.25	9.24	7.95	3.1	2.73	99.5
595	4/7/2010 20:01	11.05	42.39	27.16	9.25	7.95	3.3	2.79	99.7
596	4/7/2010 20:16	11.07	42.79	27.44	9.23	7.96	3.7	2.82	99.8
597	4/7/2010 20:31	11.05	42.82	27.46	9.21	7.95	3.5	2.85	99.6
598	4/7/2010 20:46	11.22	42.22	27.04	9.16	7.95	2.4	2.89	99.0
599	4/7/2010 21:01	11.10	42.58	27.29	9.14	7.95	2.5	2.91	98.7
600	4/7/2010 21:16	10.91	43.08	27.64	8.89	7.94	1.9	2.91	95.9
601	4/7/2010 21:31	10.88	43.12	27.66	8.87	7.93	2.1	2.91	95.6
602	4/7/2010 21:46	10.96	42.86	27.48	9.03	7.94	2.3	2.90	97.4
603	4/7/2010 22:01	11.07	42.20	27.02	9.08	7.94	2.6	2.88	97.8
604	4/7/2010 22:16	11.20	41.93	26.83	9.12	7.95	2.6	2.84	98.4
605	4/7/2010 22:31	11.36	41.51	26.55	9.19	7.95	2.7	2.79	99.3
606	4/7/2010 22:46	11.28	41.67	26.65	9.19	7.95	2.7	2.75	99.3
607	4/7/2010 23:01	11.16	41.95	26.85	9.06	7.94	3.1	2.70	97.7
608	4/7/2010 23:16	11.18	41.69	26.66	9.07	7.94	3.0	2.63	97.7
609	4/7/2010 23:31	11.32	40.88	26.10	9.15	7.95	3.9	2.60	98.6
610	4/7/2010 23:46	11.30	40.95	26.14	9.18	7.95	3.6	2.56	98.9
611	4/8/2010 0:01	11.35	40.79	26.03	9.25	7.95	3.4	2.49	99.7
612	4/8/2010 0:16	11.40	40.55	25.87	9.23	7.96	3.4	2.44	99.5
613	4/8/2010 0:31	11.42	40.37	25.74	9.21	7.96	3.1	2.41	99.3
614	4/8/2010 0:46	11.50	40.12	25.57	9.15	7.96	3.1	2.36	98.7
615	4/8/2010 1:01	11.56	40.08	25.54	9.15	7.97	3.4	2.32	98.8
616	4/8/2010 1:16	11.55	40.03	25.51	9.08	7.97	2.5	2.30	98.0
617	4/8/2010 1:31	11.53	40.14	25.58	9.05	7.97	2.4	2.27	97.6
618	4/8/2010 1:46	11.48	40.17	25.60	8.96	7.95	2.6	2.24	96.6
619	4/8/2010 2:01	11.40	39.68	25.26	8.99	7.93	2.1	2.21	96.5
620	4/8/2010 2:16	11.48	39.86	25.39	8.82	7.94	2.4	2.21	94.9
621	4/8/2010 2:31	11.45	39.87	25.39	9.06	7.94	2.6	2.21	97.5
622	4/8/2010 2:46	11.48	40.12	25.57	9.14	7.95	2.7	2.22	98.4
623	4/8/2010 3:01	11.40	40.27	25.67	9.14	7.95	2.4	2.24	98.4
624	4/8/2010 3:16	11.39	39.98	25.47	9.14	7.94	2.6	2.26	98.2
625	4/8/2010 3:31	11.28	40.64	25.93	9.10	7.94	3.5	2.27	97.8
626	4/8/2010 3:46	11.33	40.21	25.62	9.13	7.94	3.6	2.32	98.1
627	4/8/2010 4:01	11.25	40.89	26.11	9.04	7.93	3.6	2.35	97.2
628	4/8/2010 4:16	11.18	41.36	26.43	9.01	7.93	3.2	2.40	97.0
629	4/8/2010 4:31	11.15	41.63	26.62	9.06	7.94	3.6	2.44	97.6
630	4/8/2010 4:46	11.14	41.75	26.70	9.07	7.94	3.5	2.48	97.7
631	4/8/2010 5:01	11.18	41.25	26.35	9.07	7.93	3.8	2.52	97.6
632	4/8/2010 5:16	11.15	41.89	26.81	9.09	7.94	3.5	2.57	98.0
633	4/8/2010 5:31	11.16	41.89	26.80	9.10	7.94	3.2	2.61	98.1
634	4/8/2010 5:46	11.16	41.76	26.71	9.10	7.94	4.5	2.64	98.1
635	4/8/2010 6:01	11.15	41.81	26.75	9.07	7.94	3.6	2.68	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	DO%
			mS/cm		mg/L		NTU	meters	
636	4/8/2010 6:16	11.16	42.30	27.09	9.09	7.95	3.7	2.73	98.2
637	4/8/2010 6:31	11.17	42.19	27.02	9.11	7.95	4.0	2.76	98.4
638	4/8/2010 6:46	11.16	42.10	26.95	9.07	7.95	3.7	2.80	97.9
639	4/8/2010 7:01	11.09	41.02	26.19	9.11	7.95	4.2	2.86	97.7
640	4/8/2010 7:16	11.13	42.02	26.89	9.12	7.95	3.3	2.87	98.4
641	4/8/2010 7:31	11.06	41.16	26.29	9.12	7.95	4.5	2.91	97.9
642	4/8/2010 7:46	11.05	40.95	26.14	8.99	7.95	3.8	2.93	96.3
643	4/8/2010 8:01	11.03	41.20	26.31	9.05	7.96	5.6	2.94	97.1
644	4/8/2010 8:16	11.00	41.24	26.34	9.02	7.95	5.2	2.94	96.6
645	4/8/2010 8:31	11.00	41.39	26.44	9.15	7.96	6.8	2.93	98.1
646	4/8/2010 8:46	11.06	41.68	26.65	9.28	7.97	8.2	2.90	99.8
647	4/8/2010 9:01	11.11	42.01	26.89	9.27	7.97	7.0	2.87	100.0
648	4/8/2010 9:16	11.10	42.26	27.06	9.28	7.97	10.6	2.84	100.1
649	4/8/2010 9:31	11.09	42.04	26.91	9.30	7.97	13.7	2.78	100.2
650	4/8/2010 9:46	11.13	42.18	27.01	9.25	7.97	16.0	2.74	99.9
651	4/8/2010 10:01	11.16	42.53	27.26	9.19	7.97	15.1	2.67	99.4
652	4/8/2010 10:16	11.18	42.66	27.35	9.16	7.97	15.4	2.62	99.2
653	4/8/2010 10:31	11.18	42.32	27.11	9.18	7.97	21.1	2.55	99.2
654	4/8/2010 10:46	11.20	41.74	26.70	9.24	7.97	27.8	2.48	99.6
655	4/8/2010 11:01	11.26	41.56	26.58	9.25	7.97	28.4	2.41	99.8
656	4/8/2010 11:16	11.36	41.35	26.43	9.34	7.97	31.8	2.34	100.9
657	4/8/2010 11:31	11.46	41.29	26.40	9.33	7.97	33.5	2.26	101.0
658	4/8/2010 11:46	11.60	41.20	26.33	9.29	7.97	39.7	2.18	100.9
659	4/8/2010 12:01	11.79	40.64	25.95	9.36	7.98	41.0	2.10	101.7
660	4/8/2010 12:16	11.79	40.79	26.05	9.27	7.96	37.7	2.02	100.9
661	4/8/2010 12:31	11.92	40.46	25.83	9.24	7.96	38.8	1.93	100.7
662	4/8/2010 12:46	11.83	40.34	25.74	9.19	7.96	34.1	1.84	99.9
663	4/8/2010 13:01	11.93	40.26	25.68	9.14	7.96	30.9	1.77	99.5
664	4/8/2010 13:16	11.95	40.05	25.53	9.16	7.95	32.3	1.69	99.7
665	4/8/2010 13:31	11.97	39.88	25.42	9.08	7.94	28.4	1.63	98.8
666	4/8/2010 13:46	11.96	39.70	25.29	9.09	7.94	24.6	1.57	98.8
667	4/8/2010 14:01	12.00	39.56	25.19	9.07	7.94	25.0	1.53	98.6
668	4/8/2010 14:16	11.99	39.56	25.19	8.97	7.93	20.4	1.51	97.4
669	4/8/2010 14:31	12.01	39.59	25.21	8.84	7.93	18.3	1.49	96.2
670	4/8/2010 14:46	12.02	39.35	25.05	8.66	7.91	13.9	1.47	94.1
671	4/8/2010 15:01	12.08	39.55	25.19	8.50	7.91	12.0	1.47	92.5
672	4/8/2010 15:16	12.13	39.52	25.17	9.02	7.94	15.8	1.50	98.3
673	4/8/2010 15:31	12.13	39.45	25.12	9.05	7.94	16.1	1.51	98.7
674	4/8/2010 15:46	12.19	39.36	25.06	9.05	7.94	18.0	1.53	98.7
675	4/8/2010 16:01	12.25	39.20	24.95	9.02	7.94	16.1	1.55	98.4
676	4/8/2010 16:16	12.27	39.24	24.98	9.08	7.94	18.5	1.61	99.2
677	4/8/2010 16:31	12.33	39.02	24.82	9.01	7.94	18.7	1.64	98.4
678	4/8/2010 16:46	12.14	39.48	25.14	9.05	7.94	14.0	1.70	98.7
679	4/8/2010 17:01	12.17	39.43	25.11	9.07	7.94	16.1	1.77	98.9
680	4/8/2010 17:16	12.26	39.40	25.09	9.01	7.94	17.3	1.84	98.5
681	4/8/2010 17:31	12.17	39.52	25.17	8.99	7.94	16.6	1.89	98.1
682	4/8/2010 17:46	12.17	39.25	24.98	9.01	7.93	14.2	1.96	98.2
683	4/8/2010 18:01	12.16	39.31	25.02	9.06	7.94	13.6	2.02	98.7
684	4/8/2010 18:16	12.16	39.59	25.22	9.01	7.94	13.9	2.09	98.3
685	4/8/2010 18:31	12.02	39.94	25.46	8.99	7.94	12.5	2.16	97.9
686	4/8/2010 18:46	11.92	40.23	25.66	9.06	7.95	12.5	2.23	98.6
687	4/8/2010 19:01	11.83	40.63	25.94	9.07	7.96	11.0	2.29	98.7
688	4/8/2010 19:16	11.82	40.51	25.86	9.09	7.96	11.7	2.36	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	DO%
			mS/cm		mg/L		NTU	meters	
689	4/8/2010 19:31	11.81	40.53	25.87	9.08	7.96	10.6	2.42	98.7
690	4/8/2010 19:46	11.78	40.73	26.01	9.05	7.96	10.1	2.47	98.5
691	4/8/2010 20:01	11.72	41.06	26.24	9.04	7.96	9.9	2.54	98.3
692	4/8/2010 20:16	11.71	41.00	26.19	9.05	7.96	10.3	2.59	98.3
693	4/8/2010 20:31	11.64	41.34	26.43	9.05	7.97	12.4	2.65	98.4
694	4/8/2010 20:46	10.57	41.26	26.33	9.09	7.96	45.2	2.68	96.5
695	4/8/2010 21:01	10.63	41.03	26.18	9.12	7.95	44.6	2.72	96.9
696	4/8/2010 21:16	11.10	40.73	25.99	9.00	7.95	18.3	2.78	96.4
697	4/8/2010 21:31	10.77	41.42	26.45	9.13	7.96	29.5	2.80	97.5
698	4/8/2010 21:46	10.73	41.40	26.44	9.09	7.95	44.3	2.80	96.9
699	4/8/2010 22:01	11.10	41.84	26.77	8.96	7.95	18.6	2.81	96.5
700	4/8/2010 22:16	11.19	42.17	27.01	8.91	7.91	14.3	2.80	96.3
701	4/8/2010 22:31	11.05	42.35	27.12	9.01	7.99	19.9	2.78	97.2
702	4/8/2010 22:46	11.02	42.51	27.23	9.05	7.96	15.7	2.75	97.6
703	4/8/2010 23:01	10.98	42.96	27.56	9.04	8.00	16.3	2.71	97.6
704	4/8/2010 23:16	10.99	42.67	27.35	9.10	7.92	22.0	2.67	98.1
705	4/8/2010 23:31	10.97	42.57	27.28	9.12	7.96	21.9	2.62	98.2
706	4/8/2010 23:46	10.97	42.43	27.18	9.13	7.96	20.2	2.58	98.3
707	4/9/2010 0:01	10.87	42.65	27.33	9.13	7.96	21.7	2.54	98.1
708	4/9/2010 0:16	10.91	41.88	26.79	9.13	7.96	22.0	2.49	97.9
709	4/9/2010 0:31	10.93	41.96	26.84	9.06	7.95	28.7	2.43	97.3
710	4/9/2010 0:46	10.77	41.71	26.66	9.11	7.91	28.7	2.37	97.4
711	4/9/2010 1:01	10.69	41.92	26.80	9.09	7.98	29.8	2.31	97.1
712	4/9/2010 1:16	10.87	41.40	26.44	9.07	7.98	24.2	2.27	96.9
713	4/9/2010 1:31	10.67	41.08	26.21	9.08	7.94	29.0	2.19	96.5
714	4/9/2010 1:46	10.65	41.16	26.27	9.05	7.94	31.4	2.14	96.1
715	4/9/2010 2:01	10.78	40.71	25.96	9.00	7.89	25.6	2.08	95.7
716	4/9/2010 2:16	10.61	40.99	26.15	8.97	7.93	24.2	2.04	95.2
717	4/9/2010 2:31	10.52	40.64	25.90	8.98	7.93	23.7	2.00	94.9
718	4/9/2010 2:46	10.76	40.45	25.77	8.93	7.89	22.8	1.95	94.8
719	4/9/2010 3:01	10.77	40.52	25.82	8.89	7.88	20.2	1.93	94.4
720	4/9/2010 3:16	10.76	40.44	25.77	8.83	7.93	17.2	1.92	93.8
721	4/9/2010 3:31	10.90	40.24	25.63	8.76	7.96	15.2	1.91	93.3
722	4/9/2010 3:46	10.79	40.10	25.53	8.73	7.93	17.5	1.90	92.6
723	4/9/2010 4:01	10.79	40.08	25.51	8.86	7.92	17.1	1.91	94.0
724	4/9/2010 4:16	10.80	40.06	25.50	8.90	7.93	17.8	1.95	94.5
725	4/9/2010 4:31	10.78	40.20	25.60	8.96	7.93	16.4	1.97	95.1
726	4/9/2010 4:46	10.80	40.31	25.68	8.94	7.93	16.1	2.01	95.0
727	4/9/2010 5:01	10.82	40.41	25.75	8.89	7.93	16.1	2.05	94.5
728	4/9/2010 5:16	10.72	40.68	25.93	8.91	7.93	15.6	2.11	94.6
729	4/9/2010 5:31	10.90	40.60	25.89	8.91	7.93	15.6	2.15	95.0
730	4/9/2010 5:46	11.00	41.47	26.50	8.92	7.89	13.4	2.20	95.7
731	4/9/2010 6:01	11.01	42.14	26.98	8.97	7.90	11.7	2.26	96.5
732	4/9/2010 6:16	11.00	42.34	27.11	8.98	7.90	11.4	2.30	96.7
733	4/9/2010 6:31	10.98	42.28	27.07	8.99	7.91	12.3	2.35	96.7
734	4/9/2010 6:46	10.98	42.59	27.29	8.97	7.99	10.6	2.40	96.7
735	4/9/2010 7:01	10.93	42.90	27.51	9.05	7.99	11.3	2.45	97.6
736	4/9/2010 7:16	10.91	42.95	27.54	9.07	7.91	10.9	2.51	97.8
737	4/9/2010 7:31	10.85	43.01	27.59	9.07	7.99	10.9	2.54	97.6
738	4/9/2010 7:46	10.81	42.63	27.32	9.10	7.91	9.5	2.60	97.7
739	4/9/2010 8:01	10.82	43.12	27.66	9.11	7.92	8.2	2.64	98.0
740	4/9/2010 8:16	10.82	43.35	27.82	9.11	7.92	7.8	2.67	98.1
741	4/9/2010 8:31	10.82	43.89	28.21	9.10	7.92	7.4	2.72	98.3

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	
742	4/9/2010 8:46	10.78	43.62	28.01	9.10	7.92	7.1	2.75	98.0
743	4/9/2010 9:01	10.71	43.14	27.67	9.09	7.92	7.2	2.78	97.6
744	4/9/2010 9:16	10.74	43.63	28.02	9.07	7.92	6.7	2.79	97.7
745	4/9/2010 9:31	10.74	43.47	27.91	8.72	7.93	5.8	2.80	93.9
746	4/9/2010 9:46	10.78	43.67	28.05	8.90	7.95	6.0	2.80	96.0
747	4/9/2010 10:01	10.84	43.80	28.15	8.81	7.95	5.7	2.77	95.2
748	4/9/2010 10:16	10.84	43.80	28.14	8.90	7.96	5.7	2.74	96.2
749	4/9/2010 10:31	10.83	42.53	27.24	9.28	7.98	12.1	2.69	99.6
750	4/9/2010 10:46	10.90	43.50	27.93	8.98	7.95	9.2	2.63	97.0
751	4/9/2010 11:01	10.92	43.20	27.72	9.04	7.96	12.5	2.57	97.5
752	4/9/2010 11:16	10.88	43.68	28.06	8.96	7.96	10.3	2.51	96.8
753	4/9/2010 11:31	10.93	43.19	27.72	8.96	7.95	14.3	2.44	96.7
754	4/9/2010 11:46	11.01	42.59	27.29	9.01	7.95	17.1	2.36	97.2
755	4/9/2010 12:01	11.25	42.44	27.20	9.19	7.96	25.5	2.29	99.6
756	4/9/2010 12:16	11.35	42.32	27.12	9.20	7.97	25.2	2.21	99.8
757	4/9/2010 12:31	11.50	42.09	26.96	9.17	7.97	25.8	2.13	99.8
758	4/9/2010 12:46	11.67	41.97	26.88	9.34	7.97	28.9	2.03	101.9
759	4/9/2010 13:01	11.64	41.46	26.52	9.16	7.96	29.7	1.95	99.6
760	4/9/2010 13:16	11.67	41.37	26.46	9.13	7.96	24.9	1.87	99.3
761	4/9/2010 13:31	11.69	41.32	26.42	9.07	7.95	24.9	1.79	98.7
762	4/9/2010 13:46	11.73	41.27	26.39	9.06	7.95	25.1	1.70	98.7
763	4/9/2010 14:01	11.86	41.26	26.39	9.03	7.95	26.4	1.63	98.6
764	4/9/2010 14:16	11.84	41.01	26.21	9.01	7.94	26.0	1.55	98.2
765	4/9/2010 14:31	11.83	40.90	26.13	8.98	7.95	25.5	1.50	97.8
766	4/9/2010 14:46	11.81	40.86	26.10	8.93	7.94	22.4	1.46	97.3
767	4/9/2010 15:01	11.72	40.78	26.05	8.85	7.93	18.6	1.41	96.1
768	4/9/2010 15:16	11.68	40.85	26.09	8.46	7.91	12.1	1.41	91.9
769	4/9/2010 15:31	11.62	40.91	26.13	8.72	7.93	14.1	1.40	94.6
770	4/9/2010 15:46	11.79	40.99	26.19	8.91	7.94	14.8	1.40	97.1
771	4/9/2010 16:01	11.80	40.56	25.89	9.00	7.94	15.2	1.42	97.8
772	4/9/2010 16:16	11.85	40.80	26.06	9.03	7.94	15.3	1.45	98.4
773	4/9/2010 16:31	11.73	40.67	25.96	8.98	7.93	16.0	1.47	97.5
774	4/9/2010 16:46	11.67	40.72	26.00	8.93	7.93	15.4	1.53	96.9
775	4/9/2010 17:01	11.60	41.03	26.21	8.91	7.93	14.7	1.57	96.6
776	4/9/2010 17:16	11.72	40.90	26.13	8.97	7.93	14.8	1.62	97.5
777	4/9/2010 17:31	11.65	40.72	26.00	8.97	7.93	14.6	1.69	97.3
778	4/9/2010 17:46	11.69	40.90	26.13	9.02	7.93	13.4	1.75	97.9
779	4/9/2010 18:01	11.72	40.59	25.91	9.02	7.93	14.8	1.81	97.9
780	4/9/2010 18:16	11.60	40.81	26.06	8.92	7.92	14.6	1.89	96.7
781	4/9/2010 18:31	11.32	41.80	26.75	8.89	7.93	12.7	1.96	96.2
782	4/9/2010 18:46	11.38	41.88	26.81	8.91	7.93	11.3	2.04	96.6
783	4/9/2010 19:01	11.34	42.04	26.92	8.96	7.94	10.9	2.11	97.1
784	4/9/2010 19:16	11.28	42.20	27.03	9.00	7.94	12.2	2.20	97.5
785	4/9/2010 19:31	11.26	42.05	26.92	9.02	7.94	12.3	2.27	97.5
786	4/9/2010 19:46	11.25	42.35	27.13	9.04	7.94	13.7	2.35	97.9
787	4/9/2010 20:01	11.29	41.92	26.83	9.10	7.95	13.3	2.42	98.5
788	4/9/2010 20:16	11.19	42.41	27.17	9.07	7.95	11.4	2.48	98.1
789	4/9/2010 20:31	11.15	42.71	27.38	9.08	7.95	11.3	2.56	98.2
790	4/9/2010 20:46	11.15	42.64	27.33	9.10	7.95	12.4	2.62	98.4
791	4/9/2010 21:01	11.13	42.73	27.40	9.13	7.95	10.3	2.68	98.8
792	4/9/2010 21:16	11.11	43.10	27.66	9.09	7.95	8.6	2.74	98.4
793	4/9/2010 21:31	11.07	43.23	27.75	9.12	7.96	7.5	2.80	98.7
794	4/9/2010 21:46	11.05	43.64	28.04	9.09	7.96	7.0	2.86	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	DO%
			mS/cm		mg/L		NTU	meters	
795	4/9/2010 22:01	11.03	43.95	28.26	9.09	7.96	7.3	2.89	98.6
796	4/9/2010 22:16	11.02	42.74	27.40	8.86	7.95	6.8	2.91	95.7
797	4/9/2010 22:31	11.04	43.89	28.22	8.94	7.95	6.7	2.94	97.1
798	4/9/2010 22:46	11.03	44.32	28.52	8.98	7.96	7.7	2.94	97.6
799	4/9/2010 23:01	11.03	44.50	28.65	8.95	7.96	5.8	2.92	97.4
800	4/9/2010 23:16	10.91	42.85	27.47	8.92	7.94	9.4	2.87	96.1
801	4/9/2010 23:31	10.94	42.65	27.33	8.95	7.95	9.0	2.84	96.4
802	4/9/2010 23:46	10.94	42.71	27.38	8.94	7.94	9.4	2.78	96.3
803	4/10/2010 0:01	10.91	43.21	27.73	8.99	7.94	9.5	2.72	97.0
804	4/10/2010 0:16	10.96	42.67	27.35	8.96	7.94	9.1	2.64	96.6
805	4/10/2010 0:31	10.98	42.87	27.49	8.92	7.94	9.3	2.56	96.2
806	4/10/2010 0:46	11.00	42.81	27.45	8.88	7.94	8.4	2.50	95.8
807	4/10/2010 1:01	10.99	42.44	27.19	8.89	7.93	8.2	2.42	95.8
808	4/10/2010 1:16	10.98	42.46	27.20	8.90	7.94	8.9	2.35	95.9
809	4/10/2010 1:31	10.96	42.14	26.97	8.85	7.93	8.4	2.28	95.2
810	4/10/2010 1:46	10.99	41.93	26.82	8.87	7.93	10.2	2.20	95.3
811	4/10/2010 2:01	11.04	42.00	26.88	8.85	7.92	10.9	2.13	95.2
812	4/10/2010 2:16	11.07	41.70	26.67	8.80	7.92	9.5	2.06	94.7
813	4/10/2010 2:31	11.01	41.77	26.71	8.75	7.91	10.2	2.00	94.0
814	4/10/2010 2:46	10.96	41.85	26.77	8.63	7.90	10.6	1.92	92.6
815	4/10/2010 3:01	11.04	41.49	26.52	8.66	7.91	10.6	1.87	93.0
816	4/10/2010 3:16	11.04	41.76	26.71	8.64	7.90	10.1	1.82	92.9
817	4/10/2010 3:31	11.08	41.30	26.39	8.57	7.89	9.4	1.77	92.1
818	4/10/2010 3:46	11.15	41.12	26.26	8.47	7.89	7.0	1.75	91.0
819	4/10/2010 4:01	11.05	41.47	26.51	8.53	7.90	8.9	1.74	91.6
820	4/10/2010 4:16	11.03	41.79	26.73	8.59	7.91	8.5	1.73	92.4
821	4/10/2010 4:31	11.06	40.97	26.15	8.60	7.90	10.1	1.73	92.2
822	4/10/2010 4:46	11.04	40.84	26.06	8.63	7.89	10.2	1.76	92.4
823	4/10/2010 5:01	11.13	41.56	26.57	8.70	7.91	9.8	1.80	93.7
824	4/10/2010 5:16	11.07	41.41	26.46	8.66	7.90	10.1	1.83	93.0
825	4/10/2010 5:31	11.03	40.82	26.04	8.68	7.90	9.6	1.89	92.9
826	4/10/2010 5:46	11.05	40.63	25.91	8.69	7.90	9.6	1.96	93.0
827	4/10/2010 6:01	11.08	41.05	26.21	8.68	7.90	9.7	2.02	93.1
828	4/10/2010 6:16	11.04	41.28	26.37	8.68	7.91	8.8	2.08	93.1
829	4/10/2010 6:31	11.03	41.73	26.69	8.72	7.92	8.7	2.14	93.7
830	4/10/2010 6:46	11.00	42.43	27.18	8.75	7.92	7.8	2.20	94.2
831	4/10/2010 7:01	10.98	42.38	27.14	8.79	7.92	7.9	2.28	94.6
832	4/10/2010 7:16	10.98	42.49	27.22	8.81	7.93	8.0	2.32	94.9
833	4/10/2010 7:31	10.92	43.14	27.68	8.84	7.94	7.4	2.38	95.4
834	4/10/2010 7:46	10.84	42.74	27.39	8.91	7.94	7.3	2.46	95.8
835	4/10/2010 8:01	10.76	42.89	27.49	8.92	7.94	8.1	2.51	95.8
836	4/10/2010 8:16	10.72	42.87	27.48	8.93	7.89	6.2	2.58	95.8
837	4/10/2010 8:31	10.76	43.42	27.87	8.91	7.94	5.6	2.62	95.9
838	4/10/2010 8:46	10.73	43.49	27.92	8.92	7.93	5.6	2.68	96.0
839	4/10/2010 9:01	10.74	43.44	27.89	8.93	7.94	5.5	2.74	96.1
840	4/10/2010 9:16	10.68	44.06	28.32	8.92	7.93	5.9	2.78	96.1
841	4/10/2010 9:31	10.71	44.74	28.80	8.83	7.93	5.5	2.84	95.5
842	4/10/2010 9:46	10.69	45.28	29.19	8.75	7.93	5.7	2.87	94.8
843	4/10/2010 10:01	10.68	45.29	29.19	8.72	7.92	4.9	2.89	94.5
844	4/10/2010 10:16	10.67	45.39	29.27	8.70	7.92	4.3	2.91	94.3
845	4/10/2010 10:31	10.71	45.17	29.11	8.63	7.92	3.6	2.91	93.5
846	4/10/2010 10:46	10.70	45.17	29.12	8.57	7.91	3.8	2.90	92.8
847	4/10/2010 11:01	10.71	45.62	29.44	8.58	7.92	4.8	2.87	93.2

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	
848	4/10/2010 11:16	10.93	44.38	28.56	8.78	7.93	4.5	2.82	95.3
849	4/10/2010 11:31	10.96	44.11	28.37	8.81	7.93	5.7	2.75	95.6
850	4/10/2010 11:46	11.00	43.96	28.26	8.79	7.93	6.0	2.70	95.3
851	4/10/2010 12:01	11.09	43.42	27.89	8.83	7.93	5.7	2.63	95.7
852	4/10/2010 12:16	11.21	43.12	27.68	8.94	7.94	6.0	2.55	97.0
853	4/10/2010 12:31	11.21	43.13	27.69	8.94	7.94	6.8	2.48	97.1
854	4/10/2010 12:46	11.29	42.97	27.58	9.11	7.95	7.3	2.40	99.1
855	4/10/2010 13:01	11.31	42.83	27.47	9.13	7.96	7.1	2.33	99.2
856	4/10/2010 13:16	11.35	42.72	27.40	9.19	7.96	7.2	2.25	99.9
857	4/10/2010 13:31	11.36	42.44	27.20	9.10	7.95	7.3	2.17	98.8
858	4/10/2010 13:46	11.41	42.40	27.17	9.15	7.95	8.4	2.08	99.4
859	4/10/2010 14:01	11.45	42.29	27.10	9.14	7.95	8.1	2.01	99.4
860	4/10/2010 14:16	11.49	42.04	26.93	9.14	7.95	7.8	1.92	99.3
861	4/10/2010 14:31	11.54	42.05	26.93	9.14	7.95	8.2	1.84	99.4
862	4/10/2010 14:46	11.59	41.59	26.61	9.15	7.95	7.5	1.78	99.4
863	4/10/2010 15:01	11.58	41.34	26.43	9.07	7.94	7.3	1.70	98.5
864	4/10/2010 15:16	11.59	41.18	26.32	8.98	7.93	6.5	1.64	97.5
865	4/10/2010 15:31	11.60	41.30	26.40	8.87	7.93	6.3	1.58	96.4
866	4/10/2010 15:46	11.60	41.19	26.33	8.87	7.93	5.3	1.55	96.3
867	4/10/2010 16:01	11.62	41.12	26.28	8.82	7.93	6.5	1.54	95.8
868	4/10/2010 16:16	11.56	41.50	26.55	8.87	7.94	7.1	1.52	96.4
869	4/10/2010 16:31	11.59	41.64	26.65	8.97	7.94	6.7	1.52	97.6
870	4/10/2010 16:46	11.57	41.61	26.63	9.02	7.94	7.3	1.56	98.0
871	4/10/2010 17:01	11.60	41.37	26.45	9.07	7.94	7.0	1.61	98.5
872	4/10/2010 17:16	11.60	41.30	26.41	9.04	7.93	7.0	1.65	98.2
873	4/10/2010 17:31	11.61	40.86	26.10	9.02	7.93	7.4	1.70	97.8
874	4/10/2010 17:46	11.60	40.65	25.95	9.00	7.92	7.4	1.77	97.5
875	4/10/2010 18:01	11.52	41.15	26.30	8.96	7.93	6.9	1.84	97.0
876	4/10/2010 18:16	11.48	41.38	26.46	8.92	7.92	6.3	1.91	96.7
877	4/10/2010 18:31	11.55	40.97	26.17	8.97	7.93	7.4	1.98	97.1
878	4/10/2010 18:46	11.42	41.81	26.76	8.93	7.93	6.5	2.05	96.8
879	4/10/2010 19:01	11.39	42.17	27.02	8.95	7.93	6.6	2.13	97.2
880	4/10/2010 19:16	11.32	42.90	27.52	8.93	7.94	6.8	2.20	97.1
881	4/10/2010 19:31	11.26	43.27	27.78	8.95	7.94	7.8	2.26	97.3
882	4/10/2010 19:46	11.21	43.65	28.06	8.90	7.94	7.5	2.34	96.9
883	4/10/2010 20:01	11.19	43.68	28.08	8.89	7.94	7.4	2.42	96.7
884	4/10/2010 20:16	11.15	43.73	28.11	8.89	7.93	7.4	2.49	96.6
885	4/10/2010 20:31	11.09	43.96	28.27	8.84	7.93	8.5	2.56	96.1
886	4/10/2010 20:46	11.02	44.26	28.48	8.78	7.93	9.8	2.64	95.5
887	4/10/2010 21:01	10.94	44.65	28.76	8.74	7.92	15.6	2.73	95.0
888	4/10/2010 21:16	10.88	44.75	28.82	8.70	7.91	16.0	2.80	94.4
889	4/10/2010 21:31	10.84	45.08	29.06	8.75	7.92	18.8	2.89	95.0
890	4/10/2010 21:46	10.73	45.50	29.35	8.72	7.94	17.9	2.96	94.7
891	4/10/2010 22:01	10.64	46.13	29.80	8.65	7.93	15.7	3.03	94.0
892	4/10/2010 22:16	10.55	46.46	30.02	8.62	7.85	13.1	3.08	93.6
893	4/10/2010 22:31	10.48	46.97	30.39	8.56	7.84	10.7	3.13	93.1
894	4/10/2010 22:46	10.44	47.08	30.47	8.52	7.91	7.7	3.16	92.6
895	4/10/2010 23:01	10.41	47.06	30.45	8.45	7.83	5.6	3.18	91.8
896	4/10/2010 23:16	10.40	47.19	30.54	8.44	7.87	6.7	3.17	91.7
897	4/10/2010 23:31	10.45	47.03	30.43	8.35	7.87	5.1	3.15	90.8
898	4/10/2010 23:46	10.58	46.45	30.02	8.38	7.88	5.5	3.12	91.0
899	4/11/2010 0:01	10.64	45.13	29.08	8.66	7.91	6.5	3.07	93.7
900	4/11/2010 0:16	10.65	44.87	28.90	8.66	7.90	10.4	2.99	93.6

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	4/11/2010 0:31	10.61	45.89	29.62	8.55	7.89	12.4	2.91	92.8
902	4/11/2010 0:46	10.75	44.87	28.90	8.63	7.91	11.1	2.82	93.5
903	4/11/2010 1:01	10.79	44.05	28.32	8.72	7.91	8.0	2.73	94.2
904	4/11/2010 1:16	10.81	44.25	28.46	8.68	7.91	7.9	2.64	93.9
905	4/11/2010 1:31	10.86	44.18	28.41	8.63	7.91	6.8	2.55	93.5
906	4/11/2010 1:46	10.88	43.55	27.97	8.67	7.90	7.7	2.46	93.6
907	4/11/2010 2:01	10.92	43.60	28.00	8.68	7.91	8.9	2.37	93.8
908	4/11/2010 2:16	10.88	43.20	27.72	8.68	7.90	7.0	2.28	93.6
909	4/11/2010 2:31	10.91	43.23	27.74	8.69	7.91	8.4	2.20	93.8
910	4/11/2010 2:46	10.95	42.74	27.39	8.68	7.90	7.6	2.11	93.6
911	4/11/2010 3:01	10.91	42.97	27.56	8.66	7.90	7.7	2.02	93.3
912	4/11/2010 3:16	10.86	42.96	27.55	8.61	7.89	8.2	1.94	92.7
913	4/11/2010 3:31	10.93	42.35	27.12	8.61	7.89	6.7	1.87	92.6
914	4/11/2010 3:46	10.97	42.13	26.97	8.64	7.90	6.7	1.82	92.9
915	4/11/2010 4:01	11.01	41.94	26.83	8.64	7.90	6.3	1.75	92.9
916	4/11/2010 4:16	11.04	41.64	26.62	8.62	7.90	5.0	1.70	92.6
917	4/11/2010 4:31	11.02	41.16	26.28	8.62	7.90	4.3	1.68	92.3
918	4/11/2010 4:46	11.00	42.01	26.88	8.52	7.89	5.0	1.66	91.6
919	4/11/2010 5:01	10.98	41.49	26.51	8.60	7.85	5.9	1.65	92.2
920	4/11/2010 5:16	11.00	41.43	26.47	8.65	7.90	4.8	1.67	92.7
921	4/11/2010 5:31	11.01	42.04	26.90	8.60	7.90	6.5	1.71	92.5
922	4/11/2010 5:46	11.03	42.24	27.05	8.62	7.90	6.8	1.75	92.9
923	4/11/2010 6:01	10.96	41.45	26.49	8.67	7.93	6.3	1.81	92.9
924	4/11/2010 6:16	11.00	41.68	26.65	8.62	7.85	6.3	1.87	92.6
925	4/11/2010 6:31	11.02	42.32	27.10	8.57	7.93	7.3	1.94	92.3
926	4/11/2010 6:46	10.97	42.76	27.41	8.57	7.93	10.6	2.01	92.4
927	4/11/2010 7:01	10.93	42.98	27.56	8.57	7.93	9.0	2.08	92.4
928	4/11/2010 7:16	10.91	42.96	27.55	8.57	7.93	7.4	2.16	92.4
929	4/11/2010 7:31	10.90	43.35	27.83	8.62	7.94	8.7	2.23	93.0
930	4/11/2010 7:46	10.87	43.39	27.86	8.62	7.94	7.9	2.30	93.0
931	4/11/2010 8:01	10.81	43.45	27.89	8.64	7.86	7.1	2.37	93.1
932	4/11/2010 8:16	10.78	43.92	28.23	8.65	7.94	6.5	2.44	93.3
933	4/11/2010 8:31	10.74	44.02	28.29	8.63	7.90	6.7	2.51	93.2
934	4/11/2010 8:46	10.66	44.84	28.87	8.55	7.89	5.6	2.58	92.4
935	4/11/2010 9:01	10.62	45.25	29.16	8.49	7.88	9.1	2.64	91.9
936	4/11/2010 9:16	10.58	45.52	29.36	8.47	7.89	8.7	2.72	91.7
937	4/11/2010 9:31	10.53	45.67	29.46	8.46	7.86	8.8	2.80	91.5
938	4/11/2010 9:46	10.49	46.00	29.69	8.44	7.88	9.4	2.85	91.4
939	4/11/2010 10:01	10.42	46.31	29.91	8.41	7.87	9.3	2.92	91.0
940	4/11/2010 10:16	10.35	46.59	30.11	8.38	7.87	8.5	2.98	90.6
941	4/11/2010 10:31	10.27	46.83	30.27	8.34	7.86	7.1	3.01	90.2
942	4/11/2010 10:46	10.23	46.95	30.36	8.31	7.86	5.7	3.04	89.8
943	4/11/2010 11:01	10.21	46.88	30.31	8.19	7.85	4.3	3.06	88.5
944	4/11/2010 11:16	10.20	47.01	30.40	8.26	7.85	6.2	3.07	89.2
945	4/11/2010 11:31	10.19	47.00	30.39	8.25	7.81	6.5	3.06	89.1
946	4/11/2010 11:46	10.23	47.01	30.40	8.23	7.89	6.0	3.02	89.0
947	4/11/2010 12:01	10.46	46.28	29.89	8.32	7.87	6.0	2.98	90.2
948	4/11/2010 12:16	10.63	45.47	29.32	8.55	7.88	9.2	2.92	92.6
949	4/11/2010 12:31	10.72	45.24	29.16	8.55	7.89	8.1	2.84	92.7
950	4/11/2010 12:46	10.64	45.24	29.16	8.53	7.89	9.3	2.76	92.4
951	4/11/2010 13:01	10.72	45.06	29.04	8.58	7.89	6.5	2.68	93.0
952	4/11/2010 13:16	11.00	44.02	28.30	8.85	7.91	6.2	2.59	96.0
953	4/11/2010 13:31	11.04	44.02	28.31	8.90	7.92	5.1	2.50	96.7

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	
954	4/11/2010 13:46	11.06	43.96	28.27	8.95	7.92	7.1	2.41	97.2
955	4/11/2010 14:01	11.06	44.29	28.50	8.92	7.93	4.8	2.33	97.0
956	4/11/2010 14:16	11.11	43.57	27.99	8.93	7.93	4.5	2.26	96.9
957	4/11/2010 14:31	11.13	43.55	27.98	9.02	7.93	4.6	2.16	97.9
958	4/11/2010 14:46	11.19	43.16	27.70	9.08	7.94	4.6	2.10	98.5
959	4/11/2010 15:01	11.24	43.04	27.62	9.12	7.94	4.6	2.00	99.1
960	4/11/2010 15:16	11.26	42.52	27.25	9.07	7.94	4.2	1.94	98.4
961	4/11/2010 15:31	11.29	42.13	26.98	9.10	7.94	4.2	1.84	98.5
962	4/11/2010 15:46	11.31	42.30	27.10	9.14	7.95	4.0	1.78	99.0
963	4/11/2010 16:01	11.32	42.29	27.10	9.12	7.95	4.0	1.72	98.9
964	4/11/2010 16:16	11.34	42.01	26.90	9.10	7.95	3.7	1.67	98.6
965	4/11/2010 16:31	11.35	41.89	26.81	9.02	7.94	3.2	1.63	97.7
966	4/11/2010 16:46	11.37	41.72	26.69	9.02	7.94	2.9	1.60	97.7
967	4/11/2010 17:01	11.33	42.02	26.90	9.08	7.95	3.2	1.61	98.3
968	4/11/2010 17:16	11.34	42.15	26.99	9.08	7.94	4.0	1.62	98.4
969	4/11/2010 17:31	11.29	42.44	27.20	8.97	7.89	3.8	1.66	97.2
970	4/11/2010 17:46	11.33	42.12	26.97	9.00	7.93	3.8	1.70	97.5
971	4/11/2010 18:01	11.53	41.98	26.88	9.00	7.93	4.0	1.76	97.9
972	4/11/2010 18:16	11.40	41.99	26.88	8.96	7.95	4.3	1.84	97.2
973	4/11/2010 18:31	11.25	42.56	27.28	8.88	7.95	5.2	1.91	96.2
974	4/11/2010 18:46	11.17	42.69	27.37	8.80	7.91	6.8	1.99	95.3
975	4/11/2010 19:01	11.16	42.98	27.58	8.78	7.91	5.2	2.07	95.2
976	4/11/2010 19:16	11.13	43.27	27.78	8.78	7.91	5.2	2.15	95.2
977	4/11/2010 19:31	11.08	43.59	28.00	8.73	7.91	5.9	2.22	94.7
978	4/11/2010 19:46	11.09	43.71	28.09	8.75	7.94	5.9	2.30	94.9
979	4/11/2010 20:01	10.98	44.13	28.38	8.72	7.91	6.0	2.38	94.6
980	4/11/2010 20:16	10.89	44.19	28.43	8.66	7.90	8.6	2.46	93.8
981	4/11/2010 20:31	10.79	44.52	28.65	8.60	7.89	10.8	2.54	93.1
982	4/11/2010 20:46	10.75	45.13	29.09	8.56	7.89	10.9	2.63	92.8
983	4/11/2010 21:01	10.69	45.00	28.99	8.55	7.88	9.6	2.72	92.6
984	4/11/2010 21:16	10.65	45.53	29.37	8.52	7.88	10.8	2.81	92.4
985	4/11/2010 21:31	10.59	45.58	29.40	8.52	7.88	10.2	2.89	92.3
986	4/11/2010 21:46	10.51	46.19	29.83	8.49	7.87	14.8	2.98	92.1
987	4/11/2010 22:01	10.40	46.72	30.20	8.43	7.86	15.1	3.06	91.3
988	4/11/2010 22:16	10.29	46.90	30.33	8.41	7.86	12.1	3.13	91.1
989	4/11/2010 22:31	10.20	47.15	30.50	8.36	7.84	11.2	3.20	90.4
990	4/11/2010 22:46	10.17	47.40	30.68	8.31	7.84	8.8	3.25	89.9
991	4/11/2010 23:01	10.14	47.44	30.71	8.30	7.84	6.2	3.30	89.7
992	4/11/2010 23:16	10.08	47.73	30.91	8.26	7.84	5.2	3.32	89.4
993	4/11/2010 23:31	10.10	47.70	30.89	8.16	7.83	5.8	3.31	88.2
994	4/11/2010 23:46	10.10	47.58	30.80	8.26	7.83	6.2	3.31	89.3
995	4/12/2010 0:01	10.09	47.58	30.80	8.27	7.83	7.0	3.28	89.4
996	4/12/2010 0:16	10.15	47.46	30.72	8.30	7.87	9.6	3.22	89.8
997	4/12/2010 0:31	10.52	45.63	29.43	8.41	7.87	8.4	3.17	91.0
998	4/12/2010 0:46	10.58	45.52	29.36	8.41	7.87	9.9	3.07	91.0
999	4/12/2010 1:01	10.54	45.36	29.24	8.43	7.87	7.8	3.00	91.1
1000	4/12/2010 1:16	10.56	45.28	29.18	8.45	7.87	7.8	2.91	91.3
1001	4/12/2010 1:31	10.59	45.30	29.20	8.43	7.87	10.6	2.80	91.1
1002	4/12/2010 1:46	10.68	44.40	28.56	8.48	7.88	7.3	2.72	91.5
1003	4/12/2010 2:01	10.65	44.46	28.60	8.49	7.87	7.8	2.61	91.6
1004	4/12/2010 2:16	10.66	44.38	28.55	8.50	7.88	6.6	2.52	91.6
1005	4/12/2010 2:31	10.71	44.38	28.55	8.50	7.88	7.1	2.42	91.8
1006	4/12/2010 2:46	10.72	44.09	28.34	8.49	7.88	5.7	2.32	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	DO%
			mS/cm		mg/L		NTU	meters	
1007	4/12/2010 3:01	10.72	43.98	28.26	8.54	7.88	6.7	2.22	92.0
1008	4/12/2010 3:16	10.88	43.33	27.81	8.63	7.90	10.3	2.14	93.1
1009	4/12/2010 3:31	10.84	43.49	27.92	8.55	7.92	7.2	2.04	92.2
1010	4/12/2010 3:46	10.88	43.21	27.73	8.64	7.90	7.8	1.94	93.1
1011	4/12/2010 4:01	10.83	43.19	27.71	8.55	7.92	6.5	1.86	92.0
1012	4/12/2010 4:16	10.91	42.66	27.34	8.62	7.92	6.6	1.78	92.8
1013	4/12/2010 4:31	10.91	42.69	27.36	8.60	7.92	6.0	1.69	92.6
1014	4/12/2010 4:46	10.96	42.41	27.16	8.61	7.90	5.3	1.63	92.6
1015	4/12/2010 5:01	10.98	42.35	27.12	8.61	7.93	4.7	1.59	92.6
1016	4/12/2010 5:16	10.99	42.16	26.99	8.57	7.85	4.9	1.54	92.2
1017	4/12/2010 5:31	11.00	42.41	27.16	8.44	7.90	1.7	1.54	90.9
1018	4/12/2010 5:46	10.97	42.76	27.41	8.55	7.89	4.9	1.54	92.2
1019	4/12/2010 6:01	10.97	42.72	27.39	8.57	7.89	5.1	1.57	92.4
1020	4/12/2010 6:16	10.93	42.51	27.23	8.58	7.89	5.9	1.62	92.3
1021	4/12/2010 6:31	10.93	42.74	27.40	8.56	7.89	6.0	1.68	92.2
1022	4/12/2010 6:46	10.91	42.45	27.19	8.56	7.88	6.1	1.75	92.0
1023	4/12/2010 7:01	10.94	42.42	27.17	8.55	7.88	5.7	1.82	92.0
1024	4/12/2010 7:16	10.95	42.44	27.19	8.56	7.89	6.3	1.89	92.1
1025	4/12/2010 7:31	10.95	42.54	27.25	8.56	7.89	6.6	1.97	92.1
1026	4/12/2010 7:46	10.89	43.09	27.64	8.52	7.89	7.0	2.05	91.8
1027	4/12/2010 8:01	10.84	43.45	27.89	8.50	7.89	6.5	2.13	91.7
1028	4/12/2010 8:16	10.79	43.87	28.19	8.51	7.89	6.7	2.22	91.8
1029	4/12/2010 8:31	10.75	43.92	28.22	8.51	7.89	6.7	2.29	91.8
1030	4/12/2010 8:46	10.74	43.94	28.23	8.51	7.88	6.0	2.36	91.8
1031	4/12/2010 9:01	10.69	44.39	28.55	8.53	7.89	7.1	2.44	92.1
1032	4/12/2010 9:16	10.62	44.55	28.67	8.47	7.87	7.4	2.51	91.3
1033	4/12/2010 9:31	10.58	44.80	28.84	8.45	7.87	9.0	2.59	91.1
1034	4/12/2010 9:46	10.56	45.09	29.05	8.43	7.87	8.7	2.67	91.0
1035	4/12/2010 10:01	10.56	45.11	29.06	8.45	7.87	7.6	2.75	91.2
1036	4/12/2010 10:16	10.54	45.21	29.13	8.45	7.87	7.2	2.83	91.2
1037	4/12/2010 10:31	10.49	45.12	29.07	8.44	7.86	7.3	2.89	91.0
1038	4/12/2010 10:46	10.40	45.97	29.67	8.37	7.86	7.9	2.97	90.5
1039	4/12/2010 11:01	10.28	46.33	29.92	8.33	7.85	8.3	3.04	89.9
1040	4/12/2010 11:16	10.16	46.79	30.24	8.26	7.84	8.2	3.08	89.1
1041	4/12/2010 11:31	10.17	46.85	30.28	8.23	7.84	5.8	3.11	88.8
1042	4/12/2010 11:46	10.14	47.09	30.46	8.14	7.84	4.0	3.14	87.9
1043	4/12/2010 12:01	10.17	47.12	30.48	8.13	7.84	4.3	3.16	87.9
1044	4/12/2010 12:16	10.23	46.78	30.24	8.13	7.85	5.5	3.13	87.8
1045	4/12/2010 12:31	10.23	46.94	30.35	8.14	7.84	4.8	3.08	88.0
1046	4/12/2010 12:46	10.81	45.63	29.45	8.57	7.88	8.2	3.04	93.3
1047	4/12/2010 13:01	10.92	45.15	29.11	8.61	7.88	5.9	2.98	93.7
1048	4/12/2010 13:16	10.85	45.24	29.17	8.63	7.88	7.9	2.90	93.8
1049	4/12/2010 13:31	10.84	45.02	29.01	8.59	7.88	9.1	2.80	93.3
1050	4/12/2010 13:46	11.33	44.45	28.63	8.76	7.90	7.8	2.72	96.0
1051	4/12/2010 14:01	11.47	44.42	28.62	8.89	7.91	4.9	2.64	97.7
1052	4/12/2010 14:16	11.60	44.44	28.63	9.09	7.93	3.7	2.54	100.1
1053	4/12/2010 14:31	11.64	44.18	28.45	9.19	7.93	6.3	2.46	101.2
1054	4/12/2010 14:46	11.73	43.58	28.03	9.22	7.93	7.0	2.37	101.4
1055	4/12/2010 15:01	11.76	43.56	28.01	9.26	7.94	6.0	2.30	102.0
1056	4/12/2010 15:16	11.83	43.63	28.06	9.27	7.95	4.5	2.21	102.2
1057	4/12/2010 15:31	11.95	43.47	27.96	9.53	7.97	3.8	2.12	105.4
1058	4/12/2010 15:46	11.94	43.18	27.75	9.56	7.97	4.5	2.05	105.5
1059	4/12/2010 16:01	11.90	42.94	27.58	9.52	7.97	5.1	1.99	104.8

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	
1060	4/12/2010 16:16	12.00	42.75	27.44	9.58	7.98	3.6	1.89	105.6
1061	4/12/2010 16:31	12.09	42.84	27.51	9.65	8.00	3.5	1.83	106.7
1062	4/12/2010 16:46	12.10	42.72	27.43	9.66	8.00	3.2	1.78	106.7
1063	4/12/2010 17:01	12.10	42.78	27.47	9.62	8.00	2.6	1.75	106.3
1064	4/12/2010 17:16	12.08	42.10	26.99	9.57	7.99	2.3	1.72	105.4
1065	4/12/2010 17:31	12.09	42.49	27.26	9.57	7.99	3.3	1.70	105.6
1066	4/12/2010 17:46	12.06	42.66	27.39	9.61	7.99	4.5	1.72	106.0
1067	4/12/2010 18:01	11.97	42.91	27.56	9.52	7.98	3.7	1.77	105.0
1068	4/12/2010 18:16	11.94	42.79	27.47	9.47	7.97	3.7	1.80	104.3
1069	4/12/2010 18:31	12.00	42.31	27.13	9.42	7.96	4.3	1.86	103.7
1070	4/12/2010 18:46	11.98	42.26	27.10	9.33	7.95	4.8	1.95	102.6
1071	4/12/2010 19:01	11.90	42.69	27.40	9.30	7.95	4.5	2.02	102.2
1072	4/12/2010 19:16	11.90	42.45	27.23	9.28	7.94	4.7	2.09	101.9
1073	4/12/2010 19:31	11.82	42.66	27.37	9.17	7.93	4.7	2.18	100.6
1074	4/12/2010 19:46	11.76	43.21	27.77	9.09	7.93	4.4	2.26	99.9
1075	4/12/2010 20:01	11.56	43.87	28.22	8.90	7.86	5.6	2.34	97.7
1076	4/12/2010 20:16	11.39	44.20	28.45	8.79	7.90	7.4	2.41	96.3
1077	4/12/2010 20:31	11.32	44.25	28.49	8.74	7.89	7.4	2.49	95.6
1078	4/12/2010 20:46	11.26	44.57	28.71	8.71	7.89	7.1	2.58	95.3
1079	4/12/2010 21:01	11.13	45.02	29.03	8.64	7.88	9.4	2.66	94.5
1080	4/12/2010 21:16	11.10	45.07	29.06	8.61	7.88	9.7	2.75	94.0
1081	4/12/2010 21:31	11.00	45.39	29.28	8.58	7.88	11.2	2.84	93.7
1082	4/12/2010 21:46	10.94	45.29	29.21	8.55	7.87	10.7	2.93	93.2
1083	4/12/2010 22:01	10.88	45.73	29.52	8.53	7.87	10.2	3.02	93.0
1084	4/12/2010 22:16	10.81	45.98	29.70	8.52	7.87	11.2	3.11	92.9
1085	4/12/2010 22:31	10.67	46.28	29.90	8.50	7.86	11.9	3.19	92.6
1086	4/12/2010 22:46	10.61	46.84	30.30	8.46	7.86	9.5	3.26	92.2
1087	4/12/2010 23:01	10.53	47.17	30.53	8.45	7.86	8.1	3.33	92.1
1088	4/12/2010 23:16	10.50	47.53	30.79	8.45	7.86	6.1	3.37	92.1
1089	4/12/2010 23:31	10.49	47.59	30.83	8.47	7.86	5.4	3.42	92.4
1090	4/12/2010 23:46	10.48	47.64	30.87	8.46	7.86	4.2	3.44	92.3
1091	4/13/2010 0:01	10.51	47.55	30.81	8.37	7.86	5.5	3.43	91.3
1092	4/13/2010 0:16	10.50	47.61	30.85	8.41	7.86	6.0	3.43	91.8
1093	4/13/2010 0:31	10.51	47.57	30.82	8.40	7.86	5.5	3.39	91.7
1094	4/13/2010 0:46	10.76	46.20	29.85	8.44	7.89	9.7	3.32	92.0
1095	4/13/2010 1:01	10.89	45.68	29.49	8.48	7.90	5.7	3.25	92.4
1096	4/13/2010 1:16	10.91	45.53	29.38	8.48	7.87	5.9	3.17	92.5
1097	4/13/2010 1:31	10.95	45.45	29.33	8.47	7.87	5.9	3.07	92.3
1098	4/13/2010 1:46	10.98	45.19	29.14	8.47	7.87	6.7	2.97	92.4
1099	4/13/2010 2:01	11.07	44.91	28.94	8.50	7.87	6.5	2.87	92.8
1100	4/13/2010 2:16	11.13	44.57	28.70	8.56	7.87	6.8	2.75	93.3
1101	4/13/2010 2:31	11.22	43.86	28.20	8.59	7.88	9.0	2.65	93.6
1102	4/13/2010 2:46	11.24	43.60	28.02	8.61	7.88	7.0	2.54	93.7
1103	4/13/2010 3:01	11.30	43.39	27.87	8.64	7.88	7.4	2.43	94.1
1104	4/13/2010 3:16	11.21	44.18	28.43	8.64	7.88	9.3	2.32	94.3
1105	4/13/2010 3:31	11.47	43.20	27.74	8.76	7.90	9.2	2.21	95.6
1106	4/13/2010 3:46	11.46	43.15	27.71	8.73	7.90	8.4	2.10	95.3
1107	4/13/2010 4:01	11.38	43.06	27.64	8.70	7.88	8.9	1.98	94.7
1108	4/13/2010 4:16	11.41	43.05	27.64	8.68	7.89	7.3	1.89	94.6
1109	4/13/2010 4:31	11.47	42.64	27.35	8.69	7.90	7.5	1.78	94.6
1110	4/13/2010 4:46	11.51	42.46	27.22	8.74	7.90	7.3	1.67	95.2
1111	4/13/2010 5:01	11.55	42.30	27.11	8.74	7.90	7.1	1.58	95.3
1112	4/13/2010 5:16	11.60	42.05	26.93	8.76	7.91	6.4	1.50	95.4

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	
1113	4/13/2010 5:31	11.63	41.99	26.90	8.76	7.87	5.4	1.45	95.5
1114	4/13/2010 5:46	11.63	41.90	26.83	8.72	7.91	5.5	1.39	95.1
1115	4/13/2010 6:01	11.64	41.92	26.84	8.65	7.92	3.7	1.37	94.3
1116	4/13/2010 6:16	11.64	42.15	27.01	8.74	7.91	5.2	1.40	95.3
1117	4/13/2010 6:31	11.62	42.12	26.99	8.75	7.91	5.7	1.41	95.4
1118	4/13/2010 6:46	11.60	42.09	26.96	8.74	7.90	6.4	1.46	95.2
1119	4/13/2010 7:01	11.57	42.24	27.07	8.70	7.90	6.8	1.51	94.8
1120	4/13/2010 7:16	11.58	41.80	26.76	8.68	7.89	6.1	1.59	94.4
1121	4/13/2010 7:31	11.63	41.18	26.32	8.70	7.89	7.8	1.69	94.5
1122	4/13/2010 7:46	11.61	40.80	26.05	8.70	7.88	6.2	1.76	94.3
1123	4/13/2010 8:01	11.59	40.80	26.05	8.68	7.88	5.7	1.85	94.0
1124	4/13/2010 8:16	11.55	42.19	27.03	8.66	7.89	6.0	1.94	94.3
1125	4/13/2010 8:31	11.53	41.65	26.65	8.67	7.88	6.0	2.03	94.1
1126	4/13/2010 8:46	11.47	42.26	27.08	8.63	7.88	6.2	2.12	93.9
1127	4/13/2010 9:01	11.38	43.41	27.89	8.61	7.88	6.0	2.19	93.9
1128	4/13/2010 9:16	11.37	43.46	27.92	8.65	7.89	5.6	2.28	94.4
1129	4/13/2010 9:31	11.36	43.53	27.98	8.67	7.89	6.2	2.36	94.7
1130	4/13/2010 9:46	11.33	43.43	27.90	8.68	7.89	5.9	2.44	94.6
1131	4/13/2010 10:01	11.30	43.90	28.24	8.65	7.89	6.2	2.51	94.5
1132	4/13/2010 10:16	11.17	44.26	28.48	8.57	7.88	8.5	2.60	93.4
1133	4/13/2010 10:31	11.10	44.44	28.61	8.56	7.87	10.6	2.68	93.3
1134	4/13/2010 10:46	11.06	44.41	28.59	8.56	7.87	9.5	2.75	93.2
1135	4/13/2010 11:01	11.03	44.54	28.68	8.58	7.87	9.6	2.83	93.4
1136	4/13/2010 11:16	10.98	45.08	29.06	8.56	7.87	9.5	2.91	93.3
1137	4/13/2010 11:31	10.95	44.79	28.86	8.57	7.87	7.9	2.98	93.2
1138	4/13/2010 11:46	10.89	45.65	29.46	8.55	7.87	8.5	3.04	93.2
1139	4/13/2010 12:01	10.85	45.67	29.48	8.58	7.87	7.9	3.09	93.5
1140	4/13/2010 12:16	10.84	46.04	29.74	8.60	7.88	6.1	3.13	93.8
1141	4/13/2010 12:31	10.84	46.10	29.78	8.60	7.88	4.5	3.16	93.8
1142	4/13/2010 12:46	10.87	46.00	29.71	8.52	7.87	4.5	3.16	93.0
1143	4/13/2010 13:01	10.83	46.16	29.83	8.59	7.88	6.0	3.14	93.8
1144	4/13/2010 13:16	10.84	46.29	29.92	8.57	7.88	5.8	3.11	93.7
1145	4/13/2010 13:31	11.43	45.11	29.10	8.82	7.90	5.7	3.05	97.1
1146	4/13/2010 13:46	11.31	45.25	29.20	8.74	7.89	6.2	2.97	96.0
1147	4/13/2010 14:01	11.40	44.59	28.73	8.78	7.89	7.4	2.90	96.4
1148	4/13/2010 14:16	11.51	44.43	28.62	8.77	7.85	9.8	2.81	96.4
1149	4/13/2010 14:31	11.84	44.36	28.58	8.97	7.92	4.6	2.73	99.3
1150	4/13/2010 14:46	12.12	44.03	28.36	9.13	7.93	4.5	2.62	101.5
1151	4/13/2010 15:01	12.29	43.78	28.19	9.43	7.96	4.2	2.55	105.1
1152	4/13/2010 15:16	12.36	43.45	27.95	9.42	7.96	4.6	2.47	105.0
1153	4/13/2010 15:31	12.42	43.30	27.85	9.56	7.96	5.3	2.37	106.6
1154	4/13/2010 15:46	12.53	43.37	27.91	9.69	7.97	4.4	2.28	108.4
1155	4/13/2010 16:01	12.58	42.96	27.61	9.63	7.97	5.5	2.21	107.7
1156	4/13/2010 16:16	12.72	42.64	27.39	9.84	7.99	4.3	2.13	110.2
1157	4/13/2010 16:31	12.92	42.63	27.39	10.01	8.01	3.5	2.04	112.5
1158	4/13/2010 16:46	12.90	42.68	27.42	10.08	8.01	3.8	1.97	113.2
1159	4/13/2010 17:01	12.88	42.37	27.21	9.97	8.01	3.5	1.91	111.8
1160	4/13/2010 17:16	12.96	42.27	27.14	9.98	8.02	3.1	1.85	112.0
1161	4/13/2010 17:31	12.98	42.38	27.21	9.98	8.02	3.3	1.82	112.2
1162	4/13/2010 17:46	12.95	42.25	27.12	9.84	8.01	2.4	1.79	110.4
1163	4/13/2010 18:01	13.02	42.44	27.26	9.80	8.02	2.2	1.79	110.3
1164	4/13/2010 18:16	12.84	42.59	27.36	9.78	8.00	2.8	1.81	109.7
1165	4/13/2010 18:31	12.76	42.45	27.26	9.79	8.00	3.2	1.83	109.5

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	
1166	4/13/2010 18:46	12.82	42.44	27.25	9.83	8.00	3.3	1.89	110.2
1167	4/13/2010 19:01	12.77	42.30	27.15	9.82	7.99	3.7	1.95	109.8
1168	4/13/2010 19:16	12.89	41.42	26.53	9.65	7.97	4.9	2.02	107.8
1169	4/13/2010 19:31	12.80	41.75	26.76	9.59	7.97	4.3	2.10	107.0
1170	4/13/2010 19:46	12.68	42.02	26.95	9.55	7.96	4.5	2.17	106.5
1171	4/13/2010 20:01	12.51	42.56	27.33	9.36	7.94	5.0	2.26	104.2
1172	4/13/2010 20:16	12.53	42.24	27.10	9.30	7.93	4.6	2.34	103.5
1173	4/13/2010 20:31	12.25	43.08	27.69	9.08	7.92	5.4	2.41	100.8
1174	4/13/2010 20:46	12.01	43.76	28.17	8.90	7.90	6.3	2.50	98.6
1175	4/13/2010 21:01	11.95	43.79	28.18	8.86	7.90	6.7	2.59	98.1
1176	4/13/2010 21:16	11.88	43.88	28.25	8.90	7.90	7.3	2.67	98.3
1177	4/13/2010 21:31	11.72	44.76	28.87	8.81	7.90	9.4	2.75	97.4
1178	4/13/2010 21:46	11.62	44.97	29.01	8.80	7.90	10.8	2.84	97.2
1179	4/13/2010 22:01	11.54	45.10	29.10	8.78	7.89	10.6	2.94	96.9
1180	4/13/2010 22:16	11.48	45.53	29.41	8.77	7.90	10.4	3.02	96.8
1181	4/13/2010 22:31	11.40	45.31	29.25	8.81	7.90	11.2	3.12	96.9
1182	4/13/2010 22:46	11.31	45.96	29.71	8.80	7.90	11.4	3.20	96.9
1183	4/13/2010 23:01	11.20	46.58	30.15	8.80	7.92	10.1	3.28	97.1
1184	4/13/2010 23:16	11.16	46.77	30.28	8.81	7.92	9.6	3.36	97.1
1185	4/13/2010 23:31	11.11	47.01	30.45	8.84	7.93	7.7	3.41	97.5
1186	4/13/2010 23:46	11.09	47.15	30.55	8.84	7.93	6.0	3.46	97.4
1187	4/14/2010 0:01	11.09	47.20	30.59	8.82	7.93	4.7	3.50	97.3
1188	4/14/2010 0:16	11.10	47.23	30.61	8.73	7.93	3.7	3.53	96.3
1189	4/14/2010 0:31	11.13	46.76	30.27	8.73	7.92	5.0	3.51	96.2
1190	4/14/2010 0:46	11.09	47.30	30.66	8.80	7.93	4.9	3.49	97.2
1191	4/14/2010 1:01	11.10	46.99	30.43	8.82	7.93	5.8	3.44	97.2
1192	4/14/2010 1:16	11.26	45.97	29.71	8.73	7.90	9.0	3.37	96.1
1193	4/14/2010 1:31	11.31	45.94	29.69	8.73	7.91	8.3	3.28	96.2
1194	4/14/2010 1:46	11.48	45.10	29.10	8.77	7.91	6.1	3.18	96.6
1195	4/14/2010 2:01	11.51	45.15	29.14	8.73	7.91	6.5	3.08	96.2
1196	4/14/2010 2:16	11.52	45.09	29.10	8.74	7.90	6.4	2.97	96.3
1197	4/14/2010 2:31	11.57	44.82	28.90	8.72	7.90	6.8	2.86	96.1
1198	4/14/2010 2:46	11.74	44.28	28.53	8.78	7.90	10.5	2.74	96.9
1199	4/14/2010 3:01	11.65	44.35	28.57	8.75	7.89	7.4	2.62	96.4
1200	4/14/2010 3:16	11.81	43.94	28.29	8.70	7.90	7.4	2.51	96.1
1201	4/14/2010 3:31	11.63	44.56	28.72	8.71	7.88	7.3	2.39	96.1
1202	4/14/2010 3:46	12.00	43.34	27.87	8.85	7.91	10.0	2.28	97.8
1203	4/14/2010 4:01	11.94	43.36	27.88	8.83	7.91	8.1	2.16	97.5
1204	4/14/2010 4:16	12.05	42.99	27.62	8.81	7.91	8.2	2.03	97.4
1205	4/14/2010 4:31	12.24	42.53	27.30	8.88	7.92	9.2	1.93	98.4
1206	4/14/2010 4:46	12.15	42.91	27.56	8.91	7.92	8.2	1.80	98.7
1207	4/14/2010 5:01	12.27	42.56	27.32	8.95	7.93	8.6	1.68	99.2
1208	4/14/2010 5:16	12.33	42.30	27.14	8.94	7.94	7.8	1.56	99.1
1209	4/14/2010 5:31	12.33	42.52	27.30	8.92	7.93	7.1	1.45	98.9
1210	4/14/2010 5:46	12.44	42.22	27.09	8.95	7.94	7.2	1.38	99.4
1211	4/14/2010 6:01	12.51	42.06	26.97	8.96	7.95	6.5	1.30	99.6
1212	4/14/2010 6:16	12.57	42.12	27.02	8.90	7.95	5.5	1.25	99.1
1213	4/14/2010 6:31	12.61	41.75	26.76	8.91	7.95	5.0	1.22	99.1
1214	4/14/2010 6:46	12.59	41.90	26.86	8.89	7.95	4.8	1.23	98.8
1215	4/14/2010 7:01	12.51	41.82	26.81	8.96	7.95	5.7	1.26	99.5
1216	4/14/2010 7:16	12.48	42.17	27.05	8.92	7.94	6.7	1.31	99.1
1217	4/14/2010 7:31	12.49	41.82	26.80	8.96	7.94	5.2	1.37	99.4
1218	4/14/2010 7:46	12.43	40.91	26.16	8.92	7.92	6.6	1.45	98.4

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	
1219	4/14/2010 8:01	12.42	40.80	26.08	8.96	7.93	6.5	1.54	98.8
1220	4/14/2010 8:16	12.39	40.83	26.10	8.93	7.92	6.7	1.62	98.4
1221	4/14/2010 8:31	12.35	41.03	26.24	8.90	7.92	6.3	1.71	98.1
1222	4/14/2010 8:46	12.36	41.30	26.43	8.87	7.92	5.6	1.80	97.9
1223	4/14/2010 9:01	12.23	41.50	26.57	8.84	7.91	6.3	1.88	97.4
1224	4/14/2010 9:16	12.17	41.62	26.65	8.81	7.91	6.2	1.98	97.0
1225	4/14/2010 9:31	12.09	42.28	27.12	8.79	7.90	5.9	2.06	96.9
1226	4/14/2010 9:46	12.05	42.90	27.55	8.78	7.90	5.8	2.15	97.0
1227	4/14/2010 10:01	12.06	42.69	27.40	8.80	7.91	5.6	2.24	97.2
1228	4/14/2010 10:16	12.04	42.28	27.12	8.84	7.91	6.3	2.34	97.4
1229	4/14/2010 10:31	11.95	43.27	27.81	8.79	7.90	6.0	2.41	97.0
1230	4/14/2010 10:46	11.88	43.71	28.12	8.77	7.90	7.2	2.50	96.8
1231	4/14/2010 11:01	11.78	43.87	28.23	8.76	7.90	9.3	2.59	96.6
1232	4/14/2010 11:16	11.66	44.02	28.33	8.76	7.90	12.3	2.66	96.4
1233	4/14/2010 11:31	11.60	44.42	28.62	8.74	7.90	10.4	2.75	96.3
1234	4/14/2010 11:46	11.51	44.28	28.52	8.77	7.90	10.9	2.84	96.4
1235	4/14/2010 12:01	11.41	44.92	28.97	8.70	7.90	10.7	2.91	95.6
1236	4/14/2010 12:16	11.29	45.32	29.25	8.71	7.91	12.0	2.98	95.6
1237	4/14/2010 12:31	11.22	45.87	29.64	8.70	7.92	8.7	3.04	95.6
1238	4/14/2010 12:46	11.20	45.68	29.50	8.69	7.92	6.5	3.09	95.5
1239	4/14/2010 13:01	11.20	46.07	29.78	8.66	7.92	4.3	3.12	95.3
1240	4/14/2010 13:16	11.19	46.00	29.73	8.61	7.92	4.2	3.14	94.6
1241	4/14/2010 13:31	11.14	46.16	29.84	8.57	7.92	5.7	3.14	94.2
1242	4/14/2010 13:46	11.14	46.20	29.87	8.59	7.92	6.0	3.12	94.4
1243	4/14/2010 14:01	11.21	45.88	29.64	8.62	7.92	6.0	3.08	94.8
1244	4/14/2010 14:16	11.75	44.54	28.71	8.98	7.94	7.6	3.01	99.3
1245	4/14/2010 14:31	11.56	44.76	28.86	8.83	7.92	6.1	2.94	97.3
1246	4/14/2010 14:46	11.65	44.45	28.64	8.89	7.92	8.8	2.86	98.0
1247	4/14/2010 15:01	11.79	43.96	28.30	8.86	7.92	9.0	2.76	97.7
1248	4/14/2010 15:16	11.94	43.87	28.24	9.07	7.94	5.0	2.69	100.4
1249	4/14/2010 15:31	11.99	43.72	28.14	9.23	7.95	4.3	2.58	102.2
1250	4/14/2010 15:46	12.02	43.56	28.03	9.18	7.94	6.5	2.50	101.6
1251	4/14/2010 16:01	12.06	43.45	27.95	9.31	7.95	3.9	2.42	103.1
1252	4/14/2010 16:16	12.03	43.50	27.98	9.31	7.96	4.2	2.33	103.0
1253	4/14/2010 16:31	12.18	42.77	27.47	9.33	7.95	4.9	2.26	103.3
1254	4/14/2010 16:46	12.23	42.50	27.27	9.26	7.95	4.5	2.17	102.5
1255	4/14/2010 17:01	12.29	42.36	27.18	9.37	7.96	4.0	2.11	103.8
1256	4/14/2010 17:16	12.36	42.08	26.99	9.55	7.98	3.4	2.03	105.8
1257	4/14/2010 17:31	12.40	41.97	26.91	9.53	7.98	3.1	1.98	105.6
1258	4/14/2010 17:46	12.45	42.20	27.07	9.65	7.99	3.2	1.92	107.1
1259	4/14/2010 18:01	12.49	41.98	26.91	9.57	7.99	2.9	1.90	106.2
1260	4/14/2010 18:16	12.48	41.92	26.88	9.31	7.98	1.8	1.87	103.3
1261	4/14/2010 18:31	12.45	41.91	26.87	9.43	7.98	2.4	1.86	104.6
1262	4/14/2010 18:46	12.36	42.22	27.08	9.35	7.96	3.4	1.89	103.6
1263	4/14/2010 19:01	12.52	41.77	26.77	9.47	7.97	3.0	1.91	105.1
1264	4/14/2010 19:16	12.38	42.25	27.11	9.29	7.95	3.2	1.96	103.1
1265	4/14/2010 19:31	12.38	42.04	26.95	9.25	7.95	3.5	2.01	102.5
1266	4/14/2010 19:46	12.41	41.31	26.44	9.26	7.94	4.5	2.09	102.3
1267	4/14/2010 20:01	12.35	41.24	26.39	9.21	7.94	4.2	2.17	101.7
1268	4/14/2010 20:16	12.24	42.06	26.97	9.12	7.93	4.3	2.24	100.8
1269	4/14/2010 20:31	12.12	42.58	27.33	9.01	7.92	5.3	2.32	99.5
1270	4/14/2010 20:46	12.05	42.57	27.32	8.99	7.92	5.4	2.41	99.1
1271	4/14/2010 21:01	11.93	43.51	27.99	8.89	7.91	5.9	2.49	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	DO%
			mS/cm		mg/L		NTU	meters	
1272	4/14/2010 21:16	11.89	43.60	28.05	8.87	7.92	6.1	2.56	97.9
1273	4/14/2010 21:31	11.81	43.68	28.10	8.87	7.92	5.4	2.65	97.7
1274	4/14/2010 21:46	11.69	44.77	28.87	8.77	7.92	7.3	2.74	97.0
1275	4/14/2010 22:01	11.51	45.13	29.12	8.71	7.91	8.4	2.82	96.0
1276	4/14/2010 22:16	11.45	45.33	29.26	8.69	7.92	9.3	2.91	95.8
1277	4/14/2010 22:31	11.35	45.76	29.57	8.64	7.92	9.9	3.00	95.2
1278	4/14/2010 22:46	11.32	45.91	29.67	8.62	7.92	10.1	3.09	95.0
1279	4/14/2010 23:01	11.24	45.94	29.69	8.59	7.92	10.6	3.17	94.5
1280	4/14/2010 23:16	11.10	46.47	30.06	8.52	7.92	12.7	3.26	93.7
1281	4/14/2010 23:31	10.99	47.01	30.44	8.47	7.92	9.6	3.34	93.1
1282	4/14/2010 23:46	10.93	47.19	30.57	8.46	7.92	7.1	3.41	92.9
1283	4/15/2010 0:01	10.87	47.37	30.70	8.45	7.93	5.7	3.48	92.8
1284	4/15/2010 0:16	10.84	47.57	30.84	8.44	7.93	5.1	3.52	92.8
1285	4/15/2010 0:31	10.81	47.76	30.98	8.44	7.93	3.7	3.56	92.7
1286	4/15/2010 0:46	10.80	47.78	30.99	8.38	7.93	3.1	3.58	92.1
1287	4/15/2010 1:01	10.83	47.73	30.95	8.36	7.92	4.4	3.57	91.9
1288	4/15/2010 1:16	10.82	47.85	31.04	8.37	7.93	4.4	3.55	92.0
1289	4/15/2010 1:31	10.99	46.14	29.82	8.46	7.92	5.6	3.50	92.7
1290	4/15/2010 1:46	11.02	45.79	29.57	8.52	7.92	5.7	3.43	93.2
1291	4/15/2010 2:01	11.16	45.00	29.01	8.61	7.91	5.9	3.34	94.2
1292	4/15/2010 2:16	11.14	45.53	29.39	8.54	7.91	6.9	3.23	93.6
1293	4/15/2010 2:31	11.24	44.81	28.88	8.59	7.91	5.6	3.13	94.1
1294	4/15/2010 2:46	11.34	44.44	28.62	8.59	7.91	6.7	3.01	94.1
1295	4/15/2010 3:01	11.41	44.25	28.49	8.65	7.90	8.9	2.89	94.8
1296	4/15/2010 3:16	11.40	44.08	28.37	8.60	7.90	6.2	2.79	94.2
1297	4/15/2010 3:31	11.44	43.69	28.09	8.64	7.90	5.9	2.67	94.6
1298	4/15/2010 3:46	11.46	43.50	27.96	8.67	7.90	7.2	2.55	94.8
1299	4/15/2010 4:01	11.42	43.74	28.13	8.64	7.90	7.7	2.41	94.5
1300	4/15/2010 4:16	11.48	43.45	27.92	8.67	7.91	7.7	2.30	94.8
1301	4/15/2010 4:31	11.49	43.21	27.76	8.68	7.91	9.0	2.17	94.8
1302	4/15/2010 4:46	11.49	43.11	27.68	8.68	7.90	7.9	2.04	94.8
1303	4/15/2010 5:01	11.52	42.44	27.21	8.74	7.90	8.9	1.91	95.2
1304	4/15/2010 5:16	11.53	42.54	27.28	8.72	7.90	9.2	1.77	95.0
1305	4/15/2010 5:31	11.65	42.41	27.19	8.73	7.91	9.5	1.64	95.4
1306	4/15/2010 5:46	11.73	42.13	27.00	8.75	7.92	9.3	1.52	95.6
1307	4/15/2010 6:01	11.77	41.84	26.79	8.79	7.92	7.6	1.40	96.0
1308	4/15/2010 6:16	11.82	41.59	26.62	8.79	7.92	6.9	1.30	96.0
1309	4/15/2010 6:31	11.85	41.47	26.54	8.78	7.92	6.8	1.22	95.9
1310	4/15/2010 6:46	11.87	41.56	26.60	8.75	7.92	6.5	1.15	95.7
1311	4/15/2010 7:01	11.87	41.22	26.36	8.67	7.92	5.3	1.12	94.7
1312	4/15/2010 7:16	11.83	41.40	26.48	8.74	7.92	5.7	1.13	95.4
1313	4/15/2010 7:31	11.83	41.35	26.45	8.76	7.92	5.9	1.14	95.7
1314	4/15/2010 7:46	11.81	41.78	26.75	8.70	7.92	6.4	1.19	95.2
1315	4/15/2010 8:01	11.81	41.45	26.52	8.73	7.91	6.0	1.26	95.4
1316	4/15/2010 8:16	11.81	41.26	26.38	8.72	7.91	5.7	1.34	95.1
1317	4/15/2010 8:31	11.77	40.66	25.96	8.75	7.90	6.3	1.41	95.1
1318	4/15/2010 8:46	11.77	40.45	25.81	8.77	7.90	6.7	1.50	95.3
1319	4/15/2010 9:01	11.76	40.68	25.97	8.76	7.90	6.2	1.59	95.2
1320	4/15/2010 9:16	11.77	40.65	25.95	8.73	7.90	5.5	1.67	94.9
1321	4/15/2010 9:31	11.75	40.65	25.95	8.72	7.90	5.4	1.76	94.8
1322	4/15/2010 9:46	11.72	41.35	26.45	8.71	7.90	5.6	1.85	94.8
1323	4/15/2010 10:01	11.70	41.47	26.53	8.70	7.90	5.7	1.96	94.8
1324	4/15/2010 10:16	11.69	42.63	27.35	8.68	7.90	5.9	2.04	95.0

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%
1325	4/15/2010 10:31	11.71	42.74	27.43	8.71	7.91	5.3	2.14	95.4
1326	4/15/2010 10:46	11.74	42.85	27.51	8.73	7.91	5.9	2.23	95.8
1327	4/15/2010 11:01	11.71	43.18	27.74	8.73	7.91	6.4	2.32	95.8
1328	4/15/2010 11:16	11.69	43.46	27.94	8.70	7.91	7.1	2.41	95.6
1329	4/15/2010 11:31	11.68	43.52	27.98	8.69	7.90	6.5	2.50	95.5
1330	4/15/2010 11:46	11.61	43.77	28.15	8.67	7.90	10.3	2.58	95.2
1331	4/15/2010 12:01	11.53	43.96	28.29	8.68	7.90	11.8	2.67	95.2
1332	4/15/2010 12:16	11.49	44.36	28.57	8.65	7.91	12.7	2.74	95.1
1333	4/15/2010 12:31	11.36	44.78	28.87	8.59	7.91	11.8	2.81	94.2
1334	4/15/2010 12:46	11.19	45.84	29.61	8.47	7.91	11.0	2.89	93.1
1335	4/15/2010 13:01	11.11	46.07	29.78	8.41	7.91	11.4	2.96	92.3
1336	4/15/2010 13:16	11.11	46.44	30.04	8.41	7.91	8.3	3.02	92.4
1337	4/15/2010 13:31	11.12	46.61	30.16	8.41	7.91	6.7	3.07	92.5
1338	4/15/2010 13:46	11.15	46.77	30.28	8.39	7.91	4.9	3.10	92.5
	Mean	10.95	42.80	27.44	8.97	7.93	8.0	2.40	96.7
	Minimum	9.53	39.02	24.79	8.13	7.81	1.7	0.98	87.8
	Maximum	13.02	47.85	31.04	10.08	8.05	45.2	3.68	113.2

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	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
0	4/15/2010 14:01	11.21	46.33	29.96	8.55	7.95		3.06	94.2
1	4/15/2010 14:16	11.28	46.68	30.22	8.54	7.99	4.3	3.08	94.4
2	4/15/2010 14:31	11.13	47.06	30.49	8.42	7.99	5.0	3.04	92.9
3	4/15/2010 14:46	11.24	46.34	29.98	8.55	8.02	5.4	3.00	94.2
4	4/15/2010 15:01	12.48	45.03	29.09	9.11	8.04	4.0	2.95	102.5
5	4/15/2010 15:16	12.11	45.49	29.41	9.04	8.06	6.2	2.86	101.2
6	4/15/2010 15:31	12.48	44.71	28.86	9.24	8.08	4.8	2.79	103.9
7	4/15/2010 15:46	12.52	44.03	28.38	9.53	8.07	4.8	2.69	106.9
8	4/15/2010 16:01	12.47	44.40	28.64	9.58	8.08	4.4	2.61	107.4
9	4/15/2010 16:16	12.69	43.93	28.31	9.73	8.10	5.0	2.53	109.4
10	4/15/2010 16:31	12.83	43.70	28.15	9.93	8.12	4.2	2.45	111.9
11	4/15/2010 16:46	12.95	43.45	27.98	9.92	8.11	4.6	2.38	111.9
12	4/15/2010 17:01	12.98	43.24	27.83	9.79	8.08	4.4	2.30	110.4
13	4/15/2010 17:16	13.21	42.91	27.60	10.10	8.10	4.0	2.24	114.3
14	4/15/2010 17:31	13.21	42.80	27.52	10.04	8.10	3.5	2.17	113.6
15	4/15/2010 17:46	13.38	42.74	27.48	10.19	8.11	3.4	2.11	115.7
16	4/15/2010 18:01	13.52	42.83	27.55	10.41	8.14	3.2	2.05	118.6
17	4/15/2010 18:16	13.44	42.39	27.23	10.25	8.12	3.1	2.01	116.3
18	4/15/2010 18:31	13.42	42.03	26.98	10.24	8.12	2.6	1.97	116.0
19	4/15/2010 18:46	13.45	41.98	26.94	10.33	8.12	2.6	1.95	117.1
20	4/15/2010 19:01	13.25	42.50	27.31	9.87	8.09	2.4	1.94	111.7
21	4/15/2010 19:16	13.50	42.18	27.09	10.25	8.12	2.6	1.94	116.4
22	4/15/2010 19:31	13.42	42.17	27.08	10.29	8.11	2.6	1.96	116.6
23	4/15/2010 19:46	13.27	42.57	27.36	9.97	8.09	3.1	2.00	112.8
24	4/15/2010 20:01	13.21	42.53	27.33	9.93	8.08	3.5	2.05	112.2
25	4/15/2010 20:16	13.33	42.20	27.09	9.98	8.11	3.8	2.11	112.9
26	4/15/2010 20:31	13.38	41.95	26.92	9.70	8.06	4.2	2.19	109.7
27	4/15/2010 20:46	12.91	42.84	27.54	9.41	8.04	5.7	2.27	105.8
28	4/15/2010 21:01	12.86	43.36	27.91	9.36	8.04	5.2	2.34	105.5
29	4/15/2010 21:16	12.76	43.68	28.13	9.30	8.04	5.1	2.43	104.7
30	4/15/2010 21:31	12.68	43.85	28.25	9.22	8.03	6.2	2.51	103.7
31	4/15/2010 21:46	12.38	44.26	28.54	9.17	8.02	8.9	2.59	102.6
32	4/15/2010 22:01	12.24	44.67	28.82	9.07	8.02	4.9	2.68	101.4
33	4/15/2010 22:16	11.90	45.84	29.65	8.80	8.01	6.0	2.76	98.2
34	4/15/2010 22:31	11.79	46.18	29.89	8.72	8.01	6.8	2.86	97.2
35	4/15/2010 22:46	11.74	46.27	29.95	8.72	8.03	6.1	2.95	97.1
36	4/15/2010 23:01	11.73	46.39	30.03	8.68	8.01	9.1	3.03	96.8
37	4/15/2010 23:16	11.71	46.50	30.11	8.71	8.01	9.5	3.13	97.1
38	4/15/2010 23:31	11.60	46.69	30.25	8.68	8.01	8.3	3.21	96.5
39	4/15/2010 23:46	11.54	46.92	30.41	8.66	8.01	6.8	3.28	96.3
40	4/16/2010 0:01	11.40	47.30	30.67	8.62	8.01	6.8	3.37	95.8
41	4/16/2010 0:16	11.33	47.53	30.84	8.60	8.04	5.4	3.43	95.5
42	4/16/2010 0:31	11.27	47.85	31.06	8.57	8.04	4.6	3.49	95.2
43	4/16/2010 0:46	11.25	47.94	31.13	8.53	8.02	3.4	3.53	94.8
44	4/16/2010 1:01	11.23	48.02	31.19	8.50	8.01	3.0	3.56	94.4
45	4/16/2010 1:16	11.24	48.02	31.18	8.42	8.04	2.6	3.57	93.5
46	4/16/2010 1:31	11.26	47.92	31.11	8.40	8.01	3.0	3.58	93.3
47	4/16/2010 1:46	11.22	48.15	31.27	8.43	8.02	4.4	3.53	93.7
48	4/16/2010 2:01	11.48	46.92	30.40	8.50	8.01	5.0	3.48	94.4
49	4/16/2010 2:16	11.52	46.03	29.77	8.69	8.01	4.4	3.43	96.2
50	4/16/2010 2:31	11.70	45.64	29.50	8.70	8.03	4.8	3.34	96.5
51	4/16/2010 2:46	11.87	45.00	29.04	8.78	8.01	4.9	3.23	97.5
52	4/16/2010 3:01	11.93	45.00	29.05	8.73	8.02	5.0	3.13	97.1

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	
53	4/16/2010 3:16	12.06	44.55	28.73	8.79	8.00	5.9	3.01	97.8
54	4/16/2010 3:31	12.07	44.59	28.76	8.82	8.02	10.3	2.89	98.2
55	4/16/2010 3:46	12.21	44.24	28.51	8.96	8.02	11.2	2.78	99.9
56	4/16/2010 4:01	12.39	43.57	28.04	9.09	8.03	8.9	2.64	101.5
57	4/16/2010 4:16	12.42	43.17	27.76	9.13	8.04	8.1	2.53	101.7
58	4/16/2010 4:31	12.25	43.22	27.79	8.96	8.02	6.3	2.41	99.6
59	4/16/2010 4:46	12.28	43.80	28.21	8.97	8.04	6.9	2.28	99.9
60	4/16/2010 5:01	12.31	43.72	28.14	8.99	8.02	7.4	2.13	100.2
61	4/16/2010 5:16	12.47	43.22	27.80	9.04	8.02		2.01	100.9
62	4/16/2010 5:31	12.42	43.29	27.84	9.01	8.02	8.7	1.88	100.5
63	4/16/2010 5:46	12.41	43.28	27.84	8.93	8.01	7.9	1.74	99.6
64	4/16/2010 6:01	12.49	43.05	27.68	8.95	8.02	7.6	1.60	99.9
65	4/16/2010 6:16	12.55	42.87	27.55	8.95	8.04	6.8	1.45	99.9
66	4/16/2010 6:31	12.67	42.55	27.32	9.05	8.04	7.7	1.34	101.1
67	4/16/2010 6:46	12.73	42.39	27.22	9.06	8.02	7.2	1.23	101.3
68	4/16/2010 7:01	12.78	42.27	27.13	9.04	8.04	6.6	1.13	101.1
69	4/16/2010 7:16	12.85	41.77	26.78	9.06	8.02	6.0	1.05	101.3
70	4/16/2010 7:31	12.85	41.48	26.58	9.00	8.02	5.1	1.00	100.4
71	4/16/2010 7:46	12.86	42.09	27.01	8.97	8.02	4.9	0.99	100.4
72	4/16/2010 8:01	12.83	42.17	27.07	9.07	8.02	4.9	1.00	101.6
73	4/16/2010 8:16	12.79	42.33	27.17	9.03	8.02	5.2	1.04	101.1
74	4/16/2010 8:31	12.78	42.39	27.22	9.03	8.02	5.3	1.10	101.0
75	4/16/2010 8:46	12.75	42.44	27.25	9.02	8.01	5.7	1.17	101.0
76	4/16/2010 9:01	12.79	40.51	25.89	9.10	8.01	6.3	1.24	101.0
77	4/16/2010 9:16	12.76	41.49	26.58	9.05	8.01	5.9	1.32	100.8
78	4/16/2010 9:31	12.75	40.85	26.12	9.07	8.01	5.9	1.41	100.8
79	4/16/2010 9:46	12.74	41.53	26.60	9.04	8.03	5.6	1.49	100.7
80	4/16/2010 10:01	12.71	41.86	26.84	9.00	8.01	4.8	1.57	100.3
81	4/16/2010 10:16	12.69	41.48	26.57	9.01	8.02	5.4	1.67	100.3
82	4/16/2010 10:31	12.62	42.07	26.99	8.98	8.00	5.3	1.76	100.1
83	4/16/2010 10:46	12.58	42.22	27.09	8.98	8.00	5.3	1.86	100.1
84	4/16/2010 11:01	12.53	42.49	27.28	8.97	7.99	5.4	1.95	99.9
85	4/16/2010 11:16	12.48	42.99	27.63	8.96	8.00	5.1	2.05	99.9
86	4/16/2010 11:31	12.57	42.82	27.52	9.08	8.00	4.6	2.16	101.4
87	4/16/2010 11:46	12.48	43.68	28.12	8.96	8.00	5.7	2.24	100.3
88	4/16/2010 12:01	12.46	43.85	28.25	8.91	8.00	6.2	2.33	99.7
89	4/16/2010 12:16	12.39	44.11	28.43	8.91	8.02	7.6	2.42	99.7
90	4/16/2010 12:31	12.33	44.24	28.52	8.88	7.99	10.1	2.50	99.2
91	4/16/2010 12:46	12.23	44.45	28.66	8.86	8.00	12.3	2.57	98.9
92	4/16/2010 13:01	12.17	44.63	28.79	8.84	8.00	10.8	2.66	98.6
93	4/16/2010 13:16	12.02	45.29	29.26	8.77	8.00	11.2	2.73	97.9
94	4/16/2010 13:31	11.85	46.04	29.79	8.73	8.00	10.1	2.81	97.4
95	4/16/2010 13:46	11.75	46.36	30.02	8.73	8.01	8.1	2.87	97.4
96	4/16/2010 14:01	11.75	46.69	30.25	8.70	8.00	6.1	2.94	97.1
97	4/16/2010 14:16	11.72	46.84	30.36	8.70	8.03	5.6	2.99	97.1
98	4/16/2010 14:31	11.72	46.92	30.42	8.66	8.03	4.6	3.02	96.7
99	4/16/2010 14:46	11.72	46.79	30.32	8.59	8.00	2.9	3.04	95.9
100	4/16/2010 15:01	11.78	46.81	30.34	8.56	8.03	3.1	3.05	95.6
101	4/16/2010 15:16	11.72	46.99	30.47	8.52	8.00	4.2	3.03	95.2
102	4/16/2010 15:31	11.90	46.76	30.31	8.59	8.03	4.8	2.97	96.3
103	4/16/2010 15:46	13.22	45.01	29.10	9.13	8.05	4.8	2.92	104.3
104	4/16/2010 16:01	13.11	45.08	29.15	9.29	8.05	4.7	2.86	106.0
105	4/16/2010 16:16	13.23	44.00	28.37	9.56	8.06	9.8	2.78	108.8

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	
106	4/16/2010 16:31	13.05	44.80	28.94	9.37	8.07	5.9	2.70	106.6
107	4/16/2010 16:46	13.10	44.75	28.91	9.38	8.05	4.3	2.62	106.8
108	4/16/2010 17:01	13.42	44.20	28.53	9.54	8.06	4.4	2.55	109.1
109	4/16/2010 17:16	13.51	44.04	28.42	9.64	8.08	3.6	2.48	110.4
110	4/16/2010 17:31	13.60	43.81	28.26	9.69	8.07	4.2	2.41	111.0
111	4/16/2010 17:46	13.70	43.42	27.97	9.75	8.07	3.7	2.35	111.7
112	4/16/2010 18:01	13.82	43.20	27.82	9.86	8.09	3.2	2.29	113.3
113	4/16/2010 18:16	13.83	43.03	27.70	10.00	8.10	3.4	2.24	114.8
114	4/16/2010 18:31	13.89	43.20	27.82	10.03	8.10	3.2	2.19	115.3
115	4/16/2010 18:46	13.93	43.15	27.79	10.11	8.13	3.1	2.14	116.3
116	4/16/2010 19:01	14.00	42.90	27.62	10.10	8.13	2.4	2.10	116.2
117	4/16/2010 19:16	14.06	42.71	27.48	10.12	8.13	2.6	2.08	116.5
118	4/16/2010 19:31	14.11	42.54	27.36	10.09	8.13	2.1	2.06	116.2
119	4/16/2010 19:46	14.01	42.74	27.50	9.83	8.10	2.3	2.06	113.0
120	4/16/2010 20:01	14.11	42.51	27.34	10.13	8.10	3.7	2.08	116.6
121	4/16/2010 20:16	13.85	43.01	27.69	9.93	8.10	3.2	2.11	114.0
122	4/16/2010 20:31	13.87	42.88	27.60	9.79	8.08	3.5	2.14	112.4
123	4/16/2010 20:46	13.85	43.00	27.68	9.82	8.08	4.3	2.20	112.7
124	4/16/2010 21:01	14.30	42.47	27.32	9.71	8.06	6.2	2.27	112.2
125	4/16/2010 21:16	14.27	42.61	27.41	9.48	8.04	6.2	2.33	109.6
126	4/16/2010 21:31	13.38	43.90	28.31	9.33	8.03	5.6	2.41	106.5
127	4/16/2010 21:46	13.45	43.90	28.31	9.32	8.05	6.2	2.48	106.5
128	4/16/2010 22:01	13.20	44.43	28.69	9.23	8.02	5.7	2.56	105.2
129	4/16/2010 22:16	12.77	45.18	29.21	9.04	8.03	5.0	2.64	102.4
130	4/16/2010 22:31	12.53	45.63	29.52	8.91	8.00	5.4	2.73	100.6
131	4/16/2010 22:46	12.53	45.56	29.47	8.90	8.01	4.9	2.81	100.6
132	4/16/2010 23:01	12.17	46.42	30.07	8.73	8.00	6.8	2.90	98.2
133	4/16/2010 23:16	12.02	46.76	30.32	8.65	8.02	6.1	2.98	97.1
134	4/16/2010 23:31	11.98	46.88	30.40	8.63	8.00	5.6	3.07	96.9
135	4/16/2010 23:46	11.94	46.82	30.36	8.62	7.99	7.7	3.16	96.6
136	4/17/2010 0:01	11.91	47.03	30.50	8.62	8.00	9.9	3.24	96.8
137	4/17/2010 0:16	11.82	47.36	30.74	8.59	8.00	7.1	3.33	96.3
138	4/17/2010 0:31	11.77	47.43	30.78	8.59	8.02	6.0	3.40	96.2
139	4/17/2010 0:46	11.67	47.74	31.01	8.62	8.00	5.6	3.47	96.6
140	4/17/2010 1:01	11.63	47.90	31.12	8.61	8.00	4.8	3.53	96.4
141	4/17/2010 1:16	11.61	47.93	31.14	8.61	8.00	3.9	3.57	96.3
142	4/17/2010 1:31	11.58	47.96	31.16	8.60	8.01	3.7	3.61	96.2
143	4/17/2010 1:46	11.56	48.02	31.20	8.56	8.01	2.5	3.63	95.7
144	4/17/2010 2:01	11.65	47.85	31.08	8.45	8.00	3.8	3.62	94.6
145	4/17/2010 2:16	11.57	47.82	31.06	8.55	8.01	3.8	3.60	95.6
146	4/17/2010 2:31	11.64	47.77	31.03	8.51	8.00	4.1	3.56	95.2
147	4/17/2010 2:46	11.85	47.14	30.58	8.48	7.99	4.9	3.49	95.0
148	4/17/2010 3:01	12.13	46.43	30.08	8.57	8.02	4.6	3.40	96.4
149	4/17/2010 3:16	12.36	45.88	29.69	8.63	8.00	4.8	3.31	97.2
150	4/17/2010 3:31	12.51	45.54	29.46	8.66	8.00	5.1	3.22	97.8
151	4/17/2010 3:46	12.57	45.43	29.38	8.69	8.00	6.5	3.10	98.1
152	4/17/2010 4:01	12.63	45.33	29.31	8.73	8.01	6.5	2.99	98.7
153	4/17/2010 4:16	12.82	44.85	28.98	8.81	8.01	7.0	2.88	99.8
154	4/17/2010 4:31	12.94	44.53	28.75	8.86	8.04	6.7	2.75	100.4
155	4/17/2010 4:46	13.08	44.22	28.53	8.96	8.04	7.0	2.63	101.7
156	4/17/2010 5:01	13.17	43.98	28.36	9.00	8.02	7.8	2.51	102.3
157	4/17/2010 5:16	13.05	44.16	28.49	8.89	8.01	6.4	2.38	100.9
158	4/17/2010 5:31	12.99	44.29	28.58	8.87	8.03	5.8	2.25	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	DO%
			mS/cm		mg/L		NTU	meters	
159	4/17/2010 5:46	13.05	44.15	28.48	8.84	8.03	5.7	2.12	100.4
160	4/17/2010 6:01	13.21	43.83	28.25	8.92	8.02	7.7	1.98	101.4
161	4/17/2010 6:16	13.32	43.55	28.06	8.87	8.04	7.2	1.85	101.0
162	4/17/2010 6:31	13.25	43.59	28.09	8.95	8.02	6.9	1.72	101.7
163	4/17/2010 6:46	13.43	43.17	27.79	8.94	8.02	6.7	1.58	101.8
164	4/17/2010 7:01	13.42	43.15	27.78	8.93	8.01	7.1	1.45	101.7
165	4/17/2010 7:16	13.53	42.94	27.63	8.93	8.01	6.7	1.34	101.8
166	4/17/2010 7:31	13.61	42.78	27.52	8.95	8.02	5.7	1.23	102.1
167	4/17/2010 7:46	13.67	42.68	27.45	8.95	8.03	5.9	1.14	102.2
168	4/17/2010 8:01	13.76	42.52	27.34	8.95	8.03	4.5	1.06	102.4
169	4/17/2010 8:16	13.82	41.76	26.80	8.92	8.02	4.0	1.03	101.7
170	4/17/2010 8:31	13.82	42.44	27.28	8.83	8.02	3.9	1.02	101.0
171	4/17/2010 8:46	13.78	42.35	27.22	8.97	8.02	5.4	1.02	102.6
172	4/17/2010 9:01	13.71	42.56	27.37	8.99	8.02	9.5	1.08	102.7
173	4/17/2010 9:16	13.74	42.63	27.41	9.02	8.02	6.8	1.14	103.2
174	4/17/2010 9:31	13.85	40.48	25.89	9.02	8.02	9.8	1.21	102.4
175	4/17/2010 9:46	13.76	41.38	26.53	8.96	8.01	6.8	1.29	102.0
176	4/17/2010 10:01	13.71	41.72	26.76	8.93	8.02	6.0	1.37	101.7
177	4/17/2010 10:16	13.78	41.23	26.42	8.94	8.01	6.3	1.44	101.7
178	4/17/2010 10:31	13.73	41.52	26.63	8.90	8.02	5.8	1.53	101.2
179	4/17/2010 10:46	13.81	41.14	26.36	8.94	8.00	5.6	1.63	101.8
180	4/17/2010 11:01	13.81	41.56	26.65	8.95	8.02	5.6	1.70	102.0
181	4/17/2010 11:16	13.62	42.42	27.26	8.89	8.00	4.8	1.78	101.2
182	4/17/2010 11:31	13.34	43.42	27.97	8.82	8.00	4.6	1.88	100.3
183	4/17/2010 11:46	13.27	43.52	28.04	8.86	8.00	5.0	1.97	100.7
184	4/17/2010 12:01	13.30	43.91	28.32	8.85	8.00	5.0	2.05	100.8
185	4/17/2010 12:16	13.33	44.01	28.39	8.87	8.00	5.4	2.14	101.2
186	4/17/2010 12:31	13.34	43.95	28.35	8.89	8.00	5.6	2.23	101.4
187	4/17/2010 12:46	13.27	44.21	28.53	8.84	8.01	5.8	2.31	100.8
188	4/17/2010 13:01	13.26	44.28	28.58	8.86	8.01	6.7	2.39	101.0
189	4/17/2010 13:16	13.20	44.49	28.73	8.85	8.01	7.0	2.46	100.9
190	4/17/2010 13:31	13.11	44.63	28.82	8.84	8.00	8.1	2.54	100.6
191	4/17/2010 13:46	13.11	44.74	28.90	8.84	8.00	8.0	2.63	100.7
192	4/17/2010 14:01	13.07	44.95	29.05	8.85	8.00	7.6	2.69	100.8
193	4/17/2010 14:16	12.94	45.19	29.22	8.81	8.00	7.6	2.77	100.2
194	4/17/2010 14:31	12.70	45.70	29.57	8.82	8.01	6.9	2.83	100.1
195	4/17/2010 14:46	12.66	45.91	29.72	8.80	8.01	5.7	2.90	99.8
196	4/17/2010 15:01	12.65	46.10	29.86	8.79	8.03	4.6	2.94	99.7
197	4/17/2010 15:16	12.60	46.24	29.96	8.78	8.01	3.1	2.98	99.5
198	4/17/2010 15:31	12.58	46.17	29.91	8.74	8.01	3.2	3.01	99.0
199	4/17/2010 15:46	12.67	46.07	29.84	8.73	8.01	4.3	3.01	99.1
200	4/17/2010 16:01	12.61	46.29	30.00	8.72	8.00	4.9	2.98	99.0
201	4/17/2010 16:16	12.65	46.27	29.98	8.72	8.00	5.1	2.94	99.0
202	4/17/2010 16:31	12.84	45.95	29.76	8.80	8.02	4.4	2.90	100.2
203	4/17/2010 16:46	13.28	45.23	29.26	8.93	8.02	4.3	2.82	102.3
204	4/17/2010 17:01	13.44	44.98	29.09	9.00	8.04	5.9	2.74	103.4
205	4/17/2010 17:16	13.60	44.69	28.88	9.09	8.04	4.3	2.67	104.6
206	4/17/2010 17:31	14.00	44.49	28.75	9.41	8.07	3.1	2.60	109.0
207	4/17/2010 17:46	13.97	44.19	28.54	9.48	8.06	7.5	2.53	109.6
208	4/17/2010 18:01	14.03	44.32	28.63	9.58	8.07	3.4	2.47	111.0
209	4/17/2010 18:16	14.09	44.17	28.52	9.72	8.09	3.7	2.40	112.7
210	4/17/2010 18:31	14.22	43.91	28.34	9.71	8.09	3.1	2.35	112.7
211	4/17/2010 18:46	14.24	43.76	28.24	9.75	8.08	3.1	2.30	113.3

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	
212	4/17/2010 19:01	14.31	43.55	28.09	9.63	8.09	2.7	2.26	111.9
213	4/17/2010 19:16	14.38	43.05	27.73	9.85	8.10	2.9	2.21	114.4
214	4/17/2010 19:31	14.37	43.44	28.01	9.68	8.09	2.6	2.19	112.5
215	4/17/2010 19:46	14.39	43.48	28.04	9.59	8.08	2.5	2.17	111.5
216	4/17/2010 20:01	14.32	43.50	28.05	9.42	8.08	2.0	2.14	109.4
217	4/17/2010 20:16	14.43	43.28	27.90	9.56	8.10	2.4	2.16	111.1
218	4/17/2010 20:31	14.46	43.15	27.80	9.70	8.09	2.6	2.17	112.8
219	4/17/2010 20:46	14.45	43.24	27.87	9.77	8.08	2.8	2.20	113.7
220	4/17/2010 21:01	14.13	43.55	28.08	9.48	8.06	3.2	2.24	109.7
221	4/17/2010 21:16	14.20	43.89	28.33	9.59	8.07	4.3	2.28	111.3
222	4/17/2010 21:31	14.29	43.65	28.16	9.66	8.07	3.9	2.34	112.3
223	4/17/2010 21:46	13.92	44.23	28.56	9.31	8.06	4.2	2.39	107.6
224	4/17/2010 22:01	13.81	44.37	28.66	9.20	8.03	4.3	2.47	106.2
225	4/17/2010 22:16	13.81	44.41	28.69	9.23	8.04	4.2	2.53	106.6
226	4/17/2010 22:31	13.72	44.59	28.82	9.21	8.03	4.2	2.61	106.2
227	4/17/2010 22:46	13.46	45.00	29.10	9.09	8.05	3.8	2.68	104.4
228	4/17/2010 23:01	13.08	45.61	29.53	8.93	8.01	5.3	2.75	102.1
229	4/17/2010 23:16	12.98	45.72	29.60	8.90	8.01	4.6	2.83	101.5
230	4/17/2010 23:31	12.89	45.60	29.51	8.92	8.02	4.5	2.91	101.6
231	4/17/2010 23:46	12.79	45.85	29.69	8.90	8.01	4.9	2.99	101.2
232	4/18/2010 0:01	12.78	45.96	29.77	8.92	8.02	4.9	3.07	101.5
233	4/18/2010 0:16	12.69	45.87	29.70	8.97	8.02	6.1	3.15	101.8
234	4/18/2010 0:31	12.53	46.27	29.98	9.00	8.03	5.4	3.23	102.0
235	4/18/2010 0:46	12.38	46.43	30.09	9.05	8.03	5.2	3.30	102.3
236	4/18/2010 1:01	12.26	46.59	30.20	9.06	8.03	4.8	3.37	102.2
237	4/18/2010 1:16	12.18	46.56	30.18	9.08	8.03	4.3	3.43	102.2
238	4/18/2010 1:31	12.14	46.76	30.32	9.05	8.06	4.0	3.49	101.9
239	4/18/2010 1:46	12.11	46.79	30.34	9.06	8.06	3.7	3.53	101.9
240	4/18/2010 2:01	12.03	46.83	30.36	9.11	8.04	2.9	3.57	102.4
241	4/18/2010 2:16	12.03	46.84	30.37	9.03	8.06	2.3	3.59	101.4
242	4/18/2010 2:31	12.17	46.58	30.19	8.91	8.03	3.3	3.58	100.3
243	4/18/2010 2:46	12.10	46.78	30.33	8.86	8.03	2.8	3.58	99.7
244	4/18/2010 3:01	12.02	46.83	30.36	8.97	8.04	3.4	3.54	100.8
245	4/18/2010 3:16	12.22	46.59	30.20	8.89	8.03	3.4	3.49	100.2
246	4/18/2010 3:31	12.45	46.08	29.84	8.86	8.02	6.0	3.42	100.1
247	4/18/2010 3:46	12.66	45.90	29.72	8.83	8.04	4.2	3.33	100.2
248	4/18/2010 4:01	12.66	45.74	29.61	8.85	8.02	4.3	3.24	100.3
249	4/18/2010 4:16	12.90	45.44	29.40	8.82	8.01	3.8	3.15	100.4
250	4/18/2010 4:31	12.97	45.14	29.18	8.82	8.02	4.2	3.03	100.3
251	4/18/2010 4:46	13.10	45.02	29.10	8.79	8.02	4.5	2.94	100.2
252	4/18/2010 5:01	13.39	44.46	28.71	8.80	8.01	6.1	2.82	100.7
253	4/18/2010 5:16	13.39	44.52	28.76	8.80	8.04	5.9	2.71	100.7
254	4/18/2010 5:31	13.36	44.51	28.75	8.81	8.01	5.2	2.59	100.8
255	4/18/2010 5:46	13.40	44.36	28.64	8.84	8.04	5.4	2.47	101.1
256	4/18/2010 6:01	13.38	44.36	28.64	8.82	8.02	6.0	2.35	100.8
257	4/18/2010 6:16	13.43	44.28	28.58	8.86	8.02	5.5	2.23	101.3
258	4/18/2010 6:31	13.72	43.92	28.34	8.79	8.02	7.1	2.10	101.0
259	4/18/2010 6:46	13.67	43.69	28.17	8.80	8.02	6.6	1.98	100.9
260	4/18/2010 7:01	13.66	43.90	28.32	8.72	8.01	7.6	1.83	100.1
261	4/18/2010 7:16	13.77	43.69	28.17	8.69	8.01	6.4	1.70	99.9
262	4/18/2010 7:31	13.89	43.49	28.03	8.71	8.01	6.4	1.56	100.3
263	4/18/2010 7:46	14.05	43.11	27.76	8.73	8.02	5.6	1.44	100.6
264	4/18/2010 8:01	14.22	42.93	27.64	8.72	8.02	5.6	1.32	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	DO%
			mS/cm		mg/L		NTU	meters	
265	4/18/2010 8:16	14.31	42.69	27.47	8.72	8.02	5.1	1.21	100.9
266	4/18/2010 8:31	14.40	42.55	27.38	8.70	8.02	4.6	1.13	100.8
267	4/18/2010 8:46	14.46	42.69	27.48	8.66	8.02	3.9	1.06	100.5
268	4/18/2010 9:01	14.48	42.68	27.46	8.64	8.02	3.1	1.03	100.3
269	4/18/2010 9:16	14.49	42.68	27.47	8.75	8.03	3.4	1.01	101.6
270	4/18/2010 9:31	14.37	42.80	27.55	8.65	8.01	3.7	1.03	100.2
271	4/18/2010 9:46	14.36	42.85	27.59	8.68	8.02	4.2	1.08	100.6
272	4/18/2010 10:01	14.28	42.94	27.65	8.64	8.01	4.0	1.12	100.1
273	4/18/2010 10:16	14.29	42.99	27.68	8.66	8.03	4.0	1.18	100.3
274	4/18/2010 10:31	14.46	41.90	26.91	8.78	8.03	4.6	1.26	101.5
275	4/18/2010 10:46	14.45	41.98	26.96	8.75	8.03	4.5	1.34	101.3
276	4/18/2010 11:01	14.35	41.83	26.86	8.81	8.01	4.8	1.42	101.6
277	4/18/2010 11:16	14.34	42.17	27.10	8.78	8.03	4.5	1.49	101.5
278	4/18/2010 11:31	14.32	42.20	27.12	8.75	8.00	4.2	1.57	101.0
279	4/18/2010 11:46	14.21	42.44	27.29	8.70	8.01	4.0	1.66	100.3
280	4/18/2010 12:01	14.07	42.93	27.64	8.70	8.00	4.2	1.74	100.2
281	4/18/2010 12:16	14.03	43.14	27.79	8.70	8.00	4.2	1.83	100.3
282	4/18/2010 12:31	13.95	43.49	28.03	8.70	8.00	4.1	1.91	100.3
283	4/18/2010 12:46	14.08	43.42	27.99	8.75	8.00	4.0	2.00	101.1
284	4/18/2010 13:01	13.99	43.59	28.11	8.75	8.00	3.7	2.09	100.9
285	4/18/2010 13:16	13.82	44.11	28.48	8.80	8.00	4.0	2.17	101.4
286	4/18/2010 13:31	13.79	44.11	28.47	8.77	8.00	4.6	2.26	101.0
287	4/18/2010 13:46	13.77	44.48	28.74	8.76	8.00	4.1	2.34	101.1
288	4/18/2010 14:01	13.80	44.51	28.76	8.78	8.03	3.9	2.42	101.3
289	4/18/2010 14:16	13.64	44.55	28.78	8.74	8.01	4.9	2.49	100.6
290	4/18/2010 14:31	13.56	44.68	28.87	8.79	8.01	6.2	2.57	101.0
291	4/18/2010 14:46	13.60	44.60	28.82	8.88	8.01	7.3	2.64	102.1
292	4/18/2010 15:01	13.50	44.85	29.00	8.85	8.01	5.9	2.70	101.7
293	4/18/2010 15:16	13.24	45.31	29.32	8.86	8.01	4.9	2.77	101.4
294	4/18/2010 15:31	13.14	45.60	29.52	8.88	8.04	4.4	2.82	101.6
295	4/18/2010 15:46	13.09	45.78	29.65	8.90	8.02	3.7	2.86	101.8
296	4/18/2010 16:01	13.07	45.86	29.71	8.95	8.02	3.5	2.91	102.4
297	4/18/2010 16:16	13.05	45.91	29.74	8.89	8.04	2.2	2.92	101.7
298	4/18/2010 16:31	13.10	45.79	29.65	8.69	8.04	2.1	2.93	99.4
299	4/18/2010 16:46	13.08	45.72	29.60	8.65	8.01	2.1	2.92	98.8
300	4/18/2010 17:01	13.23	45.04	29.12	8.85	8.02	2.3	2.90	101.2
301	4/18/2010 17:16	13.43	45.50	29.46	8.80	8.02	3.3	2.86	101.3
302	4/18/2010 17:31	14.42	44.15	28.52	9.26	8.08	3.2	2.81	108.0
303	4/18/2010 17:46	14.28	45.04	29.15	9.38	8.06	4.7	2.75	109.6
304	4/18/2010 18:01	14.23	45.07	29.17	9.39	8.07	3.3	2.69	109.6
305	4/18/2010 18:16	14.44	44.78	28.97	9.64	8.09	3.1	2.63	112.9
306	4/18/2010 18:31	14.15	44.73	28.93	9.27	8.07	3.3	2.56	107.9
307	4/18/2010 18:46	14.42	44.45	28.73	9.43	8.06	3.4	2.50	110.2
308	4/18/2010 19:01	14.65	44.50	28.77	9.80	8.12	2.9	2.45	115.1
309	4/18/2010 19:16	14.66	44.30	28.63	9.74	8.10	3.4	2.39	114.3
310	4/18/2010 19:31	14.64	44.14	28.51	9.51	8.07	3.0	2.35	111.5
311	4/18/2010 19:46	14.71	43.96	28.39	9.41	8.07	2.7	2.31	110.4
312	4/18/2010 20:01	14.75	43.93	28.37	9.50	8.10	3.0	2.28	111.6
313	4/18/2010 20:16	14.82	43.79	28.27	9.52	8.11	2.6	2.24	111.8
314	4/18/2010 20:31	14.83	43.72	28.21	9.44	8.10	2.7	2.23	111.0
315	4/18/2010 20:46	14.83	43.63	28.15	9.36	8.07	2.1	2.21	110.0
316	4/18/2010 21:01	14.83	43.70	28.20	9.13	8.06	2.3	2.21	107.3
317	4/18/2010 21:16	14.79	43.72	28.21	9.37	8.07	2.7	2.23	110.0

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	
318	4/18/2010 21:31	14.82	43.43	28.01	9.45	8.07	3.1	2.24	110.9
319	4/18/2010 21:46	14.67	43.93	28.36	9.41	8.08	4.9	2.28	110.3
320	4/18/2010 22:01	14.65	44.09	28.48	9.40	8.06	3.5	2.31	110.2
321	4/18/2010 22:16	14.98	43.32	27.93	9.43	8.07	3.7	2.37	110.9
322	4/18/2010 22:31	14.66	44.07	28.46	9.26	8.05	4.1	2.42	108.6
323	4/18/2010 22:46	14.43	44.31	28.63	9.15	8.04	4.3	2.48	107.0
324	4/18/2010 23:01	14.35	44.24	28.58	9.18	8.04	4.2	2.54	107.1
325	4/18/2010 23:16	14.22	44.62	28.85	9.08	8.04	3.8	2.61	105.8
326	4/18/2010 23:31	14.11	44.77	28.95	9.05	8.04	3.4	2.68	105.2
327	4/18/2010 23:46	13.86	45.10	29.19	9.04	8.02	3.4	2.75	104.7
328	4/19/2010 0:01	13.85	45.21	29.26	9.05	8.05	3.7	2.82	104.9
329	4/19/2010 0:16	13.79	45.30	29.32	9.08	8.03	4.5	2.89	105.1
330	4/19/2010 0:31	13.63	45.51	29.48	9.06	8.03	3.9	2.97	104.7
331	4/19/2010 0:46	13.30	45.63	29.55	8.97	8.03	3.5	3.04	103.0
332	4/19/2010 1:01	12.90	45.79	29.65	8.84	8.02	3.1	3.10	100.8
333	4/19/2010 1:16	12.66	46.94	30.47	8.76	8.01	3.6	3.18	99.8
334	4/19/2010 1:31	12.49	47.21	30.66	8.74	8.01	3.9	3.24	99.3
335	4/19/2010 1:46	12.43	47.21	30.65	8.76	8.01	4.2	3.31	99.4
336	4/19/2010 2:01	12.39	47.39	30.78	8.78	8.02	3.9	3.37	99.7
337	4/19/2010 2:16	12.34	47.11	30.58	8.78	8.02	3.9	3.42	99.4
338	4/19/2010 2:31	12.29	47.53	30.88	8.74	8.04	3.3	3.45	99.0
339	4/19/2010 2:46	12.23	47.62	30.94	8.76	8.01	3.4	3.49	99.1
340	4/19/2010 3:01	12.22	47.64	30.96	8.71	8.02	2.8	3.51	98.7
341	4/19/2010 3:16	12.33	47.50	30.86	8.58	8.01	2.4	3.51	97.3
342	4/19/2010 3:31	12.23	47.64	30.96	8.62	8.01	2.3	3.50	97.6
343	4/19/2010 3:46	12.24	47.43	30.81	8.64	8.01	2.1	3.48	97.8
344	4/19/2010 4:01	12.29	47.53	30.88	8.62	8.03	2.5	3.44	97.7
345	4/19/2010 4:16	13.08	46.09	29.87	8.60	8.02	4.9	3.38	98.5
346	4/19/2010 4:31	13.00	46.30	30.02	8.58	8.03	3.3	3.31	98.1
347	4/19/2010 4:46	13.29	45.79	29.66	8.55	8.00	4.0	3.23	98.3
348	4/19/2010 5:01	13.09	46.08	29.87	8.58	8.03	4.6	3.12	98.3
349	4/19/2010 5:16	13.45	45.28	29.30	8.60	8.01	4.5	3.02	98.9
350	4/19/2010 5:31	13.54	45.31	29.32	8.62	8.01	4.8	2.92	99.3
351	4/19/2010 5:46	13.59	45.19	29.24	8.61	8.03	4.2	2.80	99.2
352	4/19/2010 6:01	13.93	44.44	28.71	8.74	8.02	8.3	2.69	101.2
353	4/19/2010 6:16	13.97	44.25	28.58	8.73	8.02	6.1	2.58	101.0
354	4/19/2010 6:31	13.91	44.70	28.89	8.60	8.01	4.3	2.46	99.6
355	4/19/2010 6:46	13.81	44.88	29.02	8.64	8.03	4.3	2.34	99.9
356	4/19/2010 7:01	13.84	44.69	28.89	8.65	8.01	4.3	2.22	100.0
357	4/19/2010 7:16	14.23	43.49	28.04	8.71	8.02	6.3	2.11	101.0
358	4/19/2010 7:31	14.28	43.69	28.18	8.68	8.02	4.9	2.00	100.8
359	4/19/2010 7:46	14.61	43.73	28.22	8.65	8.03	5.1	1.88	101.2
360	4/19/2010 8:01	14.43	43.18	27.82	8.60	8.02	4.9	1.76	100.0
361	4/19/2010 8:16	14.71	43.64	28.15	8.63	8.05	4.4	1.63	101.1
362	4/19/2010 8:31	14.86	43.46	28.03	8.66	8.04	4.0	1.53	101.7
363	4/19/2010 8:46	14.92	43.38	27.97	8.65	8.06	4.6	1.41	101.7
364	4/19/2010 9:01	15.01	43.30	27.92	8.65	8.05	3.9	1.32	101.9
365	4/19/2010 9:16	15.08	43.22	27.86	8.64	8.05	3.8	1.23	101.8
366	4/19/2010 9:31	15.16	43.13	27.80	8.63	8.05	3.5	1.17	101.8
367	4/19/2010 9:46	15.25	42.86	27.61	8.56	8.04	2.7	1.14	101.0
368	4/19/2010 10:01	15.28	42.86	27.61	8.54	8.04	2.3	1.10	100.9
369	4/19/2010 10:16	15.22	43.07	27.76	8.60	8.05	2.9	1.11	101.6
370	4/19/2010 10:31	15.06	43.20	27.85	8.55	8.03	2.6	1.15	100.7

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	
371	4/19/2010 10:46	15.03	43.26	27.89	8.58	8.03	3.6	1.18	101.1
372	4/19/2010 11:01	15.05	43.28	27.91	8.61	8.03	3.1	1.24	101.4
373	4/19/2010 11:16	15.15	42.80	27.56	8.67	8.03	4.1	1.30	102.1
374	4/19/2010 11:31	15.20	42.37	27.26	8.66	8.03	3.8	1.37	102.0
375	4/19/2010 11:46	15.11	42.52	27.36	8.60	8.04	4.4	1.44	101.1
376	4/19/2010 12:01	15.07	42.50	27.35	8.60	8.02	3.9	1.50	101.0
377	4/19/2010 12:16	15.07	42.49	27.34	8.62	8.02	3.6	1.57	101.2
378	4/19/2010 12:31	14.98	42.77	27.54	8.57	8.02	3.2	1.64	100.6
379	4/19/2010 12:46	14.91	42.87	27.61	8.55	8.03	3.2	1.72	100.2
380	4/19/2010 13:01	14.80	43.14	27.80	8.59	8.03	3.4	1.80	100.6
381	4/19/2010 13:16	14.66	43.26	27.88	8.65	8.02	3.3	1.88	101.1
382	4/19/2010 13:31	14.37	43.97	28.38	8.55	8.00	3.2	1.97	99.6
383	4/19/2010 13:46	14.28	44.11	28.48	8.60	8.01	3.3	2.05	100.1
384	4/19/2010 14:01	14.38	43.90	28.33	8.70	8.01	3.4	2.13	101.4
385	4/19/2010 14:16	14.15	44.57	28.81	8.60	8.03	3.7	2.21	100.0
386	4/19/2010 14:31	14.12	44.42	28.70	8.65	8.01	4.0	2.29	100.5
387	4/19/2010 14:46	14.04	44.75	28.94	8.62	8.01	3.6	2.36	100.1
388	4/19/2010 15:01	13.95	44.80	28.97	8.63	8.01	4.8	2.44	100.1
389	4/19/2010 15:16	13.85	44.30	28.61	8.69	8.01	4.8	2.50	100.3
390	4/19/2010 15:31	13.78	44.82	28.98	8.70	8.01	4.8	2.57	100.5
391	4/19/2010 15:46	13.73	44.43	28.70	8.72	8.01	4.4	2.64	100.5
392	4/19/2010 16:01	13.62	45.22	29.26	8.71	8.01	4.0	2.69	100.5
393	4/19/2010 16:16	13.38	45.74	29.63	8.67	8.03	4.3	2.76	99.7
394	4/19/2010 16:31	13.15	46.10	29.88	8.64	8.01	4.0	2.81	99.1
395	4/19/2010 16:46	13.00	45.78	29.65	8.61	8.01	3.4	2.86	98.3
396	4/19/2010 17:01	12.89	46.70	30.30	8.55	8.01	3.0	2.89	97.8
397	4/19/2010 17:16	12.86	46.67	30.28	8.48	8.02	2.1	2.92	96.9
398	4/19/2010 17:31	12.89	46.73	30.33	8.50	8.02	2.3	2.92	97.2
399	4/19/2010 17:46	12.85	46.86	30.42	8.47	8.01	2.7	2.92	96.8
400	4/19/2010 18:01	12.91	46.77	30.35	8.39	8.00	1.9	2.90	96.1
401	4/19/2010 18:16	13.10	45.61	29.53	8.40	8.00	2.9	2.86	96.0
402	4/19/2010 18:31	13.35	45.96	29.79	8.49	8.00	2.1	2.83	97.8
403	4/19/2010 18:46	13.76	45.32	29.34	8.71	8.03	3.1	2.78	100.8
404	4/19/2010 19:01	13.75	45.07	29.16	8.69	8.04	2.7	2.72	100.4
405	4/19/2010 19:16	13.83	44.94	29.07	8.71	8.03	3.4	2.66	100.8
406	4/19/2010 19:31	13.94	44.89	29.03	8.70	8.04	2.9	2.61	100.9
407	4/19/2010 19:46	13.98	44.06	28.44	8.74	8.03	2.7	2.56	101.1
408	4/19/2010 20:01	14.00	44.57	28.80	8.63	8.02	2.4	2.50	100.0
409	4/19/2010 20:16	14.02	44.73	28.92	8.56	8.04	4.6	2.43	99.3
410	4/19/2010 20:31	14.04	44.69	28.90	8.61	8.02	2.5	2.42	100.0
411	4/19/2010 20:46	14.06	44.67	28.88	8.55	8.02	2.1	2.42	99.3
412	4/19/2010 21:01	14.07	44.49	28.75	8.54	8.02	2.0	2.42	99.1
413	4/19/2010 21:16	14.07	44.59	28.82	8.51	8.04	2.5	2.40	98.8
414	4/19/2010 21:31	14.07	44.35	28.65	8.49	8.02	2.1	2.39	98.5
415	4/19/2010 21:46	14.06	44.55	28.79	8.47	8.02	2.5	2.38	98.4
416	4/19/2010 22:01	14.09	44.50	28.76	8.32	8.01	1.6	2.38	96.6
417	4/19/2010 22:16	14.12	44.44	28.72	8.32	8.01	2.2	2.38	96.6
418	4/19/2010 22:31	14.10	44.39	28.68	8.47	8.03	2.4	2.39	98.3
419	4/19/2010 22:46	14.08	44.17	28.52	8.62	8.02	2.7	2.42	99.9
420	4/19/2010 23:01	13.98	44.40	28.68	8.59	8.02	3.3	2.44	99.5
421	4/19/2010 23:16	14.02	44.46	28.73	8.60	8.02	2.8	2.47	99.7
422	4/19/2010 23:31	13.95	44.70	28.90	8.51	8.01	3.1	2.50	98.6
423	4/19/2010 23:46	13.88	44.86	29.01	8.60	8.01	4.0	2.55	99.6

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	
424	4/20/2010 0:01	13.76	45.00	29.11	8.58	8.01	3.9	2.60	99.2
425	4/20/2010 0:16	13.67	44.96	29.08	8.63	8.01	3.4	2.66	99.5
426	4/20/2010 0:31	13.45	44.76	28.93	8.68	8.02	4.3	2.73	99.6
427	4/20/2010 0:46	13.33	44.88	29.01	8.69	8.02	3.6	2.79	99.5
428	4/20/2010 1:01	13.23	45.14	29.19	8.66	8.02	3.5	2.84	99.0
429	4/20/2010 1:16	13.04	45.42	29.39	8.67	8.04	3.2	2.92	98.9
430	4/20/2010 1:31	12.87	45.67	29.56	8.64	8.01	3.4	3.00	98.3
431	4/20/2010 1:46	12.70	46.18	29.92	8.62	8.01	3.5	3.06	97.9
432	4/20/2010 2:01	12.61	45.94	29.75	8.67	8.03	3.4	3.12	98.2
433	4/20/2010 2:16	12.45	46.61	30.22	8.56	8.02	3.2	3.17	97.0
434	4/20/2010 2:31	12.24	47.10	30.56	8.50	7.99	3.1	3.24	96.0
435	4/20/2010 2:46	12.08	47.64	30.95	8.46	7.99	3.2	3.30	95.5
436	4/20/2010 3:01	12.11	47.55	30.88	8.43	8.00	3.2	3.32	95.2
437	4/20/2010 3:16	12.01	47.66	30.96	8.45	8.01	3.2	3.37	95.3
438	4/20/2010 3:31	11.95	47.80	31.06	8.43	8.01	2.7	3.40	95.0
439	4/20/2010 3:46	11.90	47.86	31.10	8.37	7.99	2.1	3.42	94.2
440	4/20/2010 4:01	11.98	47.69	30.98	8.18	7.97	1.4	3.44	92.1
441	4/20/2010 4:16	11.99	47.68	30.97	8.20	8.00	1.9	3.41	92.4
442	4/20/2010 4:31	11.96	47.81	31.07	7.96	7.99	1.5	3.41	89.7
443	4/20/2010 4:46	12.78	45.63	29.53	8.24	8.01	3.5	3.37	93.6
444	4/20/2010 5:01	12.72	45.57	29.49	8.35	8.02	3.1	3.31	94.7
445	4/20/2010 5:16	12.35	46.51	30.15	8.37	7.99	3.5	3.27	94.6
446	4/20/2010 5:31	12.92	45.51	29.45	8.30	8.01	3.7	3.19	94.4
447	4/20/2010 5:46	13.12	45.03	29.11	8.31	7.99	4.8	3.09	94.8
448	4/20/2010 6:01	12.99	45.51	29.45	8.31	7.99	4.5	3.01	94.7
449	4/20/2010 6:16	13.06	45.33	29.33	8.32	8.00	5.1	2.93	94.9
450	4/20/2010 6:31	13.08	45.17	29.21	8.33	7.99	4.9	2.82	95.0
451	4/20/2010 6:46	13.15	45.01	29.10	8.37	8.00	5.5	2.72	95.5
452	4/20/2010 7:01	13.32	44.82	28.97	8.30	8.00	4.6	2.62	95.0
453	4/20/2010 7:16	13.46	44.44	28.70	8.23	8.00	4.3	2.52	94.3
454	4/20/2010 7:31	13.23	44.85	28.98	8.19	8.00	3.9	2.42	93.6
455	4/20/2010 7:46	13.26	44.78	28.94	8.21	7.98	4.5	2.31	93.8
456	4/20/2010 8:01	13.39	44.50	28.74	8.22	8.01	4.5	2.19	94.1
457	4/20/2010 8:16	13.42	44.25	28.56	8.22	8.01	4.8	2.10	94.0
458	4/20/2010 8:31	13.46	43.45	27.99	8.27	8.00	4.2	1.99	94.4
459	4/20/2010 8:46	13.41	43.79	28.23	8.27	8.00	3.9	1.87	94.4
460	4/20/2010 9:01	13.66	43.58	28.09	8.23	8.01	4.6	1.74	94.3
461	4/20/2010 9:16	13.67	43.45	28.00	8.27	8.01	4.9	1.63	94.8
462	4/20/2010 9:31	13.71	43.38	27.95	8.27	8.01	4.7	1.53	94.8
463	4/20/2010 9:46	13.83	43.01	27.69	8.28	8.02	4.8	1.41	95.0
464	4/20/2010 10:01	13.98	42.96	27.66	8.23	8.02	4.6	1.33	94.7
465	4/20/2010 10:16	14.05	42.95	27.65	8.15	8.01	4.0	1.28	93.9
466	4/20/2010 10:31	14.09	42.17	27.09	8.17	8.02	3.6	1.22	94.0
467	4/20/2010 10:46	14.14	42.17	27.10	8.17	8.02	3.1	1.16	94.0
468	4/20/2010 11:01	14.18	42.92	27.63	8.23	8.02	3.6	1.19	95.1
469	4/20/2010 11:16	14.03	43.13	27.78	8.03	8.00	3.4	1.19	92.6
470	4/20/2010 11:31	13.99	43.03	27.71	8.10	8.00	3.4	1.20	93.2
471	4/20/2010 11:46	13.97	42.51	27.33	8.19	8.01	3.5	1.26	94.0
472	4/20/2010 12:01	14.07	43.19	27.82	8.17	8.00	3.4	1.29	94.3
473	4/20/2010 12:16	14.14	42.37	27.24	8.22	8.00	3.4	1.35	94.7
474	4/20/2010 12:31	14.07	42.04	27.00	8.18	8.00	3.5	1.43	94.0
475	4/20/2010 12:46	14.04	42.74	27.50	8.17	8.00	3.5	1.47	94.1
476	4/20/2010 13:01	13.98	42.68	27.46	8.19	8.02	3.4	1.54	94.2

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	
477	4/20/2010 13:16	13.93	42.78	27.53	8.22	8.02	3.6	1.63	94.4
478	4/20/2010 13:31	13.91	42.18	27.10	8.16	8.00	3.1	1.68	93.4
479	4/20/2010 13:46	13.94	42.70	27.47	8.14	7.99	3.0	1.76	93.4
480	4/20/2010 14:01	13.82	43.03	27.70	8.16	8.01	3.3	1.83	93.6
481	4/20/2010 14:16	13.81	42.85	27.58	8.21	7.99	3.5	1.91	94.1
482	4/20/2010 14:31	13.74	43.59	28.10	8.19	7.99	3.3	2.01	94.0
483	4/20/2010 14:46	13.70	43.81	28.25	8.20	8.01	3.2	2.07	94.1
484	4/20/2010 15:01	13.81	43.83	28.27	8.27	7.99	3.4	2.16	95.2
485	4/20/2010 15:16	13.78	43.98	28.38	8.33	8.01	3.5	2.23	95.9
486	4/20/2010 15:31	13.69	43.91	28.33	8.39	8.00	3.3	2.31	96.4
487	4/20/2010 15:46	13.52	44.61	28.82	8.29	7.99	3.3	2.38	95.2
488	4/20/2010 16:01	13.41	44.55	28.78	8.29	7.99	3.5	2.46	95.0
489	4/20/2010 16:16	13.32	44.84	28.98	8.25	8.01	3.3	2.52	94.4
490	4/20/2010 16:31	13.24	44.90	29.02	8.28	8.01	3.5	2.59	94.6
491	4/20/2010 16:46	13.17	44.99	29.08	8.32	7.99	3.6	2.66	95.0
492	4/20/2010 17:01	13.11	45.13	29.18	8.35	7.99	3.5	2.72	95.3
493	4/20/2010 17:16	13.07	45.20	29.23	8.37	7.98	3.3	2.77	95.4
494	4/20/2010 17:31	12.99	45.34	29.33	8.31	8.00	2.7	2.83	94.7
495	4/20/2010 17:46	12.87	44.98	29.07	8.34	7.98	2.7	2.87	94.6
496	4/20/2010 18:01	12.80	45.55	29.47	8.34	7.98	2.5	2.90	94.7
497	4/20/2010 18:16	12.91	44.69	28.86	8.28	7.98	2.4	2.91	93.9
498	4/20/2010 18:31	12.87	45.40	29.37	8.10	7.97	2.4	2.91	92.0
499	4/20/2010 18:46	12.86	45.59	29.50	8.32	8.00	2.9	2.92	94.6
500	4/20/2010 19:01	12.93	44.69	28.86	8.35	7.99	4.2	2.89	94.8
501	4/20/2010 19:16	12.88	45.00	29.08	8.50	7.99	8.8	2.86	96.4
502	4/20/2010 19:31	12.80	44.50	28.72	8.58	7.99	14.1	2.81	96.9
503	4/20/2010 19:46	12.73	45.34	29.32	8.55	7.98	13.6	2.77	96.9
504	4/20/2010 20:01	12.66	45.51	29.44	8.55	7.98	16.0	2.71	96.8
505	4/20/2010 20:16	12.80	45.18	29.21	8.52	7.99	19.9	2.66	96.6
506	4/20/2010 20:31	12.85	44.27	28.56	8.53	7.99	16.3	2.59	96.4
507	4/20/2010 20:46	12.88	44.70	28.87	8.49	7.99	16.9	2.56	96.3
508	4/20/2010 21:01	12.95	43.98	28.36	8.43	7.98	14.1	2.51	95.4
509	4/20/2010 21:16	12.81	43.94	28.32	8.51	7.99	16.4	2.48	95.9
510	4/20/2010 21:31	12.95	44.51	28.73	8.37	8.00	18.9	2.43	94.9
511	4/20/2010 21:46	12.90	44.47	28.70	8.43	7.98	20.2	2.39	95.5
512	4/20/2010 22:01	12.86	44.37	28.63	8.50	7.99	27.0	2.39	96.2
513	4/20/2010 22:16	12.73	44.39	28.64	8.47	7.99	22.3	2.35	95.5
514	4/20/2010 22:31	12.71	44.16	28.47	8.53	8.01	24.5	2.32	96.1
515	4/20/2010 22:46	12.81	44.14	28.46	8.42	8.01	18.9	2.32	95.1
516	4/20/2010 23:01	12.93	43.94	28.33	8.40	7.99	19.5	2.30	95.0
517	4/20/2010 23:16	12.94	43.16	27.77	8.30	7.98	15.3	2.30	93.6
518	4/20/2010 23:31	13.03	43.65	28.12	8.06	7.99	11.4	2.32	91.2
519	4/20/2010 23:46	13.13	43.19	27.80	8.17	7.98	12.5	2.33	92.5
520	4/21/2010 0:01	13.20	43.63	28.12	8.42	7.99	12.0	2.33	95.7
521	4/21/2010 0:16	13.15	43.56	28.06	8.45	7.99	12.5	2.36	95.9
522	4/21/2010 0:31	13.12	43.72	28.17	8.35	7.99	11.8	2.39	94.7
523	4/21/2010 0:46	13.13	43.93	28.32	8.37	8.01	10.3	2.43	95.0
524	4/21/2010 1:01	13.11	43.13	27.75	8.42	7.99	10.2	2.49	95.2
525	4/21/2010 1:16	13.08	43.16	27.77	8.44	7.99	9.3	2.56	95.4
526	4/21/2010 1:31	13.10	43.86	28.28	8.39	7.99	9.3	2.59	95.2
527	4/21/2010 1:46	13.08	43.57	28.07	8.43	8.00	8.9	2.64	95.5
528	4/21/2010 2:01	13.09	43.53	28.04	8.43	8.00	8.5	2.71	95.4
529	4/21/2010 2:16	12.96	44.43	28.68	8.38	8.01	7.4	2.75	95.0

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	
530	4/21/2010 2:31	12.85	44.45	28.69	8.45	7.99	7.3	2.84	95.6
531	4/21/2010 2:46	12.77	44.83	28.96	8.49	8.00	6.7	2.89	96.1
532	4/21/2010 3:01	12.57	44.89	29.00	8.52	7.99	7.0	2.95	96.0
533	4/21/2010 3:16	12.49	45.36	29.32	8.50	8.00	6.3	3.00	95.9
534	4/21/2010 3:31	12.48	44.90	29.00	8.52	8.02	6.8	3.03	95.8
535	4/21/2010 3:46	12.50	44.74	28.88	8.53	8.00	5.9	3.14	95.9
536	4/21/2010 4:01	12.43	45.10	29.14	8.47	8.00	6.1	3.18	95.2
537	4/21/2010 4:16	12.41	45.06	29.11	8.32	7.98	5.6	3.16	93.5
538	4/21/2010 4:31	12.30	45.25	29.24	8.17	7.99	7.5	3.22	91.7
539	4/21/2010 4:46	12.18	45.51	29.42	8.32	7.97	10.7	3.25	93.2
540	4/21/2010 5:01	12.16	46.02	29.79	8.43	7.97	9.0	3.24	94.6
541	4/21/2010 5:16	12.15	46.17	29.90	8.42	7.98	7.5	3.22	94.6
542	4/21/2010 5:31	12.01	46.20	29.91	8.58	7.98	14.0	3.20	96.1
543	4/21/2010 5:46	11.84	46.35	30.01	8.72	8.01	16.7	3.20	97.3
544	4/21/2010 6:01	11.79	46.53	30.14	8.76	8.00	21.0	3.16	97.8
545	4/21/2010 6:16	11.75	46.67	30.24	8.77	7.99	18.3	3.11	97.9
546	4/21/2010 6:31	11.90	45.39	29.33	8.74	7.99	17.1	3.04	97.3
547	4/21/2010 6:46	11.88	45.96	29.73	8.71	7.99	21.5	2.97	97.2
548	4/21/2010 7:01	11.84	45.90	29.69	8.72	7.99	23.7	2.89	97.1
549	4/21/2010 7:16	11.97	45.65	29.51	8.71	7.99	22.1	2.82	97.2
550	4/21/2010 7:31	11.94	45.46	29.38	8.74	8.01	27.4	2.77	97.4
551	4/21/2010 7:46	12.15	44.70	28.84	8.68	7.99	30.8	2.68	96.9
552	4/21/2010 8:01	12.28	44.43	28.65	8.62	7.98	32.0	2.57	96.3
553	4/21/2010 8:16	12.29	44.04	28.38	8.63	7.99	36.9	2.49	96.3
554	4/21/2010 8:31	12.32	43.80	28.20	8.64	7.99	33.7	2.40	96.3
555	4/21/2010 8:46	12.28	43.40	27.92	8.71	7.99	31.1	2.29	96.9
556	4/21/2010 9:01	12.31	43.49	27.98	8.75	7.99	29.7	2.20	97.5
557	4/21/2010 9:16	12.33	43.89	28.27	8.69	7.99	41.1	2.09	97.0
558	4/21/2010 9:31	12.39	43.73	28.16	8.70	8.00	33.5	1.98	97.2
559	4/21/2010 9:46	12.40	43.61	28.08	8.66	7.99	39.7	1.86	96.7
560	4/21/2010 10:01	12.43	43.53	28.02	8.61	7.99	37.8	1.77	96.2
561	4/21/2010 10:16	12.42	43.47	27.97	8.64	8.01	34.7	1.66	96.4
562	4/21/2010 10:31	12.41	42.96	27.61	8.67	7.99	34.7	1.55	96.5
563	4/21/2010 10:46	12.35	43.41	27.93	8.71	8.01	25.6	1.46	97.0
564	4/21/2010 11:01	12.35	42.88	27.55	8.70	8.00	22.9	1.36	96.7
565	4/21/2010 11:16	12.32	43.21	27.79	8.67	8.00	20.6	1.30	96.4
566	4/21/2010 11:31	12.26	42.94	27.59	8.68	8.00	23.5	1.22	96.3
567	4/21/2010 11:46	12.18	42.65	27.38	8.72	7.99	23.9	1.19	96.4
568	4/21/2010 12:01	12.17	42.52	27.29	8.42	7.97	19.4	1.15	93.1
569	4/21/2010 12:16	12.17	42.49	27.27	8.37	7.98	16.0	1.16	92.5
570	4/21/2010 12:31	12.18	42.42	27.22	8.68	7.98	17.8	1.18	95.9
571	4/21/2010 12:46	12.16	42.34	27.16	8.73	7.99	20.3	1.20	96.4
572	4/21/2010 13:01	12.24	42.46	27.25	8.77	8.01	18.4	1.23	97.1
573	4/21/2010 13:16	12.23	42.07	26.97	8.73	7.99	18.1	1.27	96.4
574	4/21/2010 13:31	12.26	42.44	27.23	8.60	7.98	15.6	1.32	95.2
575	4/21/2010 13:46	12.30	42.40	27.21	8.62	7.98	15.5	1.37	95.5
576	4/21/2010 14:01	12.38	42.70	27.43	8.65	7.99	14.5	1.43	96.1
577	4/21/2010 14:16	12.34	42.44	27.24	8.72	7.99	18.1	1.52	96.7
578	4/21/2010 14:31	12.28	42.47	27.26	8.65	7.98	18.4	1.60	95.9
579	4/21/2010 14:46	12.27	42.34	27.16	8.63	8.00	18.7	1.66	95.5
580	4/21/2010 15:01	12.30	42.70	27.42	8.53	7.98	14.8	1.74	94.6
581	4/21/2010 15:16	12.16	43.84	28.23	8.52	7.98	12.0	1.84	94.7
582	4/21/2010 15:31	12.16	43.59	28.05	8.57	7.98	10.7	1.90	95.2

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	
583	4/21/2010 15:46	12.15	42.83	27.51	8.63	7.98	10.9	1.99	95.5
584	4/21/2010 16:01	12.11	43.41	27.92	8.61	7.98	10.9	2.08	95.5
585	4/21/2010 16:16	12.08	43.61	28.06	8.57	7.98	10.4	2.15	95.1
586	4/21/2010 16:31	12.07	43.33	27.86	8.63	7.98	9.7	2.21	95.6
587	4/21/2010 16:46	12.07	43.86	28.24	8.67	7.98	9.6	2.28	96.2
588	4/21/2010 17:01	12.08	43.72	28.14	8.74	7.99	10.3	2.36	96.9
589	4/21/2010 17:16	12.12	43.44	27.94	8.76	7.98	11.4	2.41	97.1
590	4/21/2010 17:31	12.11	43.49	27.98	8.76	7.98	10.0	2.48	97.2
591	4/21/2010 17:46	12.06	43.66	28.10	8.75	8.00	10.1	2.54	97.0
592	4/21/2010 18:01	12.04	43.79	28.19	8.74	7.99	8.6	2.60	96.9
593	4/21/2010 18:16	12.01	43.76	28.16	8.67	7.98	7.3	2.65	96.0
594	4/21/2010 18:31	12.02	44.05	28.37	8.57	8.00	7.6	2.70	95.1
595	4/21/2010 18:46	12.56	42.68	27.41	8.83	8.02	14.6	2.73	98.6
596	4/21/2010 19:01	12.20	43.63	28.08	8.57	7.99	8.4	2.76	95.3
597	4/21/2010 19:16	11.97	44.18	28.47	8.38	7.96	6.5	2.79	93.0
598	4/21/2010 19:31	11.97	44.58	28.75	8.43	7.97	7.5	2.80	93.6
599	4/21/2010 19:46	11.96	43.87	28.24	8.59	7.97	9.4	2.80	95.1
600	4/21/2010 20:01	11.86	44.23	28.50	8.89	7.99	15.3	2.78	98.4
601	4/21/2010 20:16	11.78	44.72	28.84	8.96	7.99	17.3	2.74	99.2
602	4/21/2010 20:31	11.74	44.14	28.42	9.03	7.99	18.2	2.72	99.7
603	4/21/2010 20:46	11.70	44.91	28.98	8.99	8.01	16.1	2.67	99.4
604	4/21/2010 21:01	11.66	45.01	29.05	9.01	7.99	15.4	2.62	99.6
605	4/21/2010 21:16	11.62	44.48	28.67	9.07	7.99	19.0	2.58	99.9
606	4/21/2010 21:31	11.72	44.95	29.01	8.91	7.98	22.9	2.54	98.6
607	4/21/2010 21:46	11.66	44.94	28.99	8.91	8.01	18.8	2.48	98.4
608	4/21/2010 22:01	11.60	44.92	28.97	8.92	8.01	20.0	2.44	98.5
609	4/21/2010 22:16	11.64	44.48	28.67	8.88	8.01	24.2	2.39	97.9
610	4/21/2010 22:31	11.58	44.47	28.65	8.86	7.98	23.4	2.35	97.6
611	4/21/2010 22:46	11.58	43.62	28.05	8.87	7.98	25.7	2.30	97.3
612	4/21/2010 23:01	11.52	44.27	28.51	8.91	7.98	28.1	2.25	97.9
613	4/21/2010 23:16	11.47	43.94	28.27	8.93	8.00	28.1	2.20	97.8
614	4/21/2010 23:31	11.57	43.98	28.30	8.88	7.99	29.2	2.18	97.6
615	4/21/2010 23:46	11.56	43.28	27.80	8.92	7.98	31.7	2.14	97.7
616	4/22/2010 0:01	11.42	43.29	27.81	8.90	7.98	31.9	2.10	97.2
617	4/22/2010 0:16	11.51	43.64	28.06	8.85	7.98	29.1	2.10	97.0
618	4/22/2010 0:31	11.41	43.90	28.24	8.88	7.97	29.8	2.05	97.2
619	4/22/2010 0:46	11.63	43.02	27.62	8.79	7.98	23.7	2.07	96.3
620	4/22/2010 1:01	11.59	43.72	28.12	8.50	7.96	16.4	2.06	93.3
621	4/22/2010 1:16	11.63	43.57	28.02	8.36	7.98	15.9	2.08	91.8
622	4/22/2010 1:31	11.87	43.53	28.00	8.78	7.98	17.3	2.10	96.9
623	4/22/2010 1:46	11.85	43.48	27.96	8.83	7.98	15.9	2.14	97.3
624	4/22/2010 2:01	11.84	43.44	27.93	8.82	7.98	16.8	2.16	97.2
625	4/22/2010 2:16	11.79	43.19	27.75	8.78	7.97	15.9	2.20	96.5
626	4/22/2010 2:31	11.80	43.30	27.83	8.77	7.97	14.6	2.26	96.5
627	4/22/2010 2:46	11.79	43.41	27.90	8.75	7.97	14.0	2.31	96.3
628	4/22/2010 3:01	11.78	42.84	27.50	8.80	7.97	16.0	2.36	96.6
629	4/22/2010 3:16	11.81	43.56	28.01	8.75	7.97	13.7	2.41	96.4
630	4/22/2010 3:31	11.80	43.75	28.15	8.76	7.97	11.9	2.46	96.6
631	4/22/2010 3:46	11.72	44.53	28.71	8.78	7.97	11.5	2.53	97.0
632	4/22/2010 4:01	11.67	44.78	28.88	8.87	7.98	10.7	2.59	98.0
633	4/22/2010 4:16	11.63	45.10	29.11	8.88	7.97	11.3	2.64	98.1
634	4/22/2010 4:31	11.57	45.07	29.08	8.91	7.98	10.4	2.70	98.3
635	4/22/2010 4:46	11.47	45.27	29.22	8.94	7.97	10.8	2.77	98.6

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	
636	4/22/2010 5:01	11.43	44.92	28.97	8.98	7.97	11.0	2.80	98.7
637	4/22/2010 5:16	11.34	44.78	28.87	8.91	7.99	11.6	2.86	97.7
638	4/22/2010 5:31	11.24	44.46	28.64	8.74	7.97	14.5	2.90	95.5
639	4/22/2010 5:46	11.19	44.64	28.75	8.68	7.95	9.7	2.93	94.9
640	4/22/2010 6:01	10.83	44.65	28.75	8.81	7.96	15.6	2.94	95.5
641	4/22/2010 6:16	11.03	45.08	29.07	8.45	7.94	10.1	2.98	92.2
642	4/22/2010 6:31	10.92	45.12	29.08	8.82	7.96	13.9	2.97	96.0
643	4/22/2010 6:46	11.08	45.08	29.07	8.79	7.99	10.3	2.97	96.0
644	4/22/2010 7:01	11.13	45.24	29.18	8.88	7.97	10.1	2.94	97.2
645	4/22/2010 7:16	11.09	45.15	29.12	8.89	7.97	12.1	2.92	97.1
646	4/22/2010 7:31	11.07	45.05	29.04	8.95	7.97	13.1	2.88	97.7
647	4/22/2010 7:46	11.07	44.59	28.71	9.03	7.98	15.0	2.82	98.4
648	4/22/2010 8:01	11.08	45.14	29.11	9.05	7.98	13.7	2.76	98.8
649	4/22/2010 8:16	11.11	45.21	29.16	9.07	7.99	12.5	2.69	99.2
650	4/22/2010 8:31	11.15	45.21	29.16	9.12	7.99	12.6	2.62	99.8
651	4/22/2010 8:46	11.20	45.15	29.12	9.11	7.98	13.3	2.55	99.8
652	4/22/2010 9:01	11.21	45.32	29.25	9.18	7.99	12.6	2.46	100.6
653	4/22/2010 9:16	11.27	45.10	29.09	9.15	7.99	14.0	2.38	100.4
654	4/22/2010 9:31	11.39	44.79	28.87	9.17	7.99	16.2	2.28	100.7
655	4/22/2010 9:46	11.45	44.62	28.76	9.12	7.99	20.0	2.19	100.2
656	4/22/2010 10:01	11.55	44.79	28.88	9.30	8.00	16.5	2.09	102.5
657	4/22/2010 10:16	11.54	44.48	28.66	9.09	7.99	22.1	1.99	100.0
658	4/22/2010 10:31	11.63	44.30	28.54	9.11	7.99	22.5	1.89	100.4
659	4/22/2010 10:46	11.65	43.96	28.29	9.12	7.98	25.1	1.79	100.3
660	4/22/2010 11:01	11.80	43.05	27.65	9.17	8.00	26.4	1.68	100.9
661	4/22/2010 11:16	11.93	43.71	28.13	9.21	8.00	27.8	1.57	101.8
662	4/22/2010 11:31	11.96	42.98	27.61	9.17	8.00	29.5	1.48	101.1
663	4/22/2010 11:46	11.79	43.63	28.07	8.98	7.97	26.2	1.40	99.0
664	4/22/2010 12:01	11.69	42.86	27.51	8.91	7.96	23.4	1.31	97.6
665	4/22/2010 12:16	11.70	43.48	27.96	8.84	7.96	18.0	1.24	97.2
666	4/22/2010 12:31	11.75	43.49	27.96	8.80	7.97	17.8	1.18	96.8
667	4/22/2010 12:46	11.86	42.77	27.45	8.88	7.96	16.6	1.14	97.6
668	4/22/2010 13:01	11.82	42.80	27.47	8.54	7.94	12.6	1.13	93.8
669	4/22/2010 13:16	11.82	43.43	27.93	8.82	7.96	14.2	1.11	97.2
670	4/22/2010 13:31	11.85	43.41	27.91	8.97	7.99	15.4	1.13	98.9
671	4/22/2010 13:46	11.89	43.42	27.92	8.96	7.97	15.3	1.13	98.8
672	4/22/2010 14:01	11.91	43.46	27.95	8.96	7.96	14.1	1.17	98.9
673	4/22/2010 14:16	11.95	43.45	27.94	8.96	7.97	15.7	1.24	99.0
674	4/22/2010 14:31	11.93	43.31	27.84	9.01	7.97	16.2	1.25	99.4
675	4/22/2010 14:46	11.86	43.30	27.83	8.94	7.96	16.1	1.33	98.5
676	4/22/2010 15:01	11.89	43.29	27.83	8.93	7.98	15.4	1.39	98.5
677	4/22/2010 15:16	11.97	43.25	27.80	8.96	7.95	15.2	1.47	99.0
678	4/22/2010 15:31	12.12	43.12	27.71	9.03	7.96	15.9	1.54	99.9
679	4/22/2010 15:46	11.98	42.19	27.05	8.99	7.95	15.4	1.60	98.8
680	4/22/2010 16:01	11.77	42.89	27.54	8.89	7.97	14.7	1.69	97.5
681	4/22/2010 16:16	11.71	43.62	28.06	8.83	7.95	12.3	1.77	97.2
682	4/22/2010 16:31	11.63	43.37	27.87	8.84	7.95	11.6	1.86	96.9
683	4/22/2010 16:46	11.61	43.79	28.17	8.90	7.98	11.4	1.94	97.7
684	4/22/2010 17:01	11.53	43.96	28.29	8.92	7.96	10.8	2.02	97.9
685	4/22/2010 17:16	11.44	44.23	28.48	8.95	7.98	10.1	2.11	98.1
686	4/22/2010 17:31	11.44	44.22	28.47	8.95	7.96	11.7	2.19	98.2
687	4/22/2010 17:46	11.49	44.00	28.32	8.97	7.99	11.4	2.27	98.3
688	4/22/2010 18:01	11.45	44.16	28.43	8.98	7.99	10.4	2.34	98.4

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	
689	4/22/2010 18:16	11.49	43.73	28.13	8.99	7.99	12.8	2.42	98.5
690	4/22/2010 18:31	11.52	43.91	28.25	9.02	7.96	12.0	2.48	98.9
691	4/22/2010 18:46	11.46	44.21	28.46	8.97	7.99	9.9	2.56	98.3
692	4/22/2010 19:01	11.37	44.79	28.87	8.93	7.96	11.2	2.62	98.0
693	4/22/2010 19:16	11.39	44.81	28.89	8.98	7.97	12.1	2.69	98.6
694	4/22/2010 19:31	11.34	45.09	29.08	8.98	7.96	11.6	2.75	98.6
695	4/22/2010 19:46	11.32	45.20	29.17	8.93	7.97	9.2	2.78	98.1
696	4/22/2010 20:01	11.28	45.07	29.07	9.00	7.96	7.9	2.83	98.8
697	4/22/2010 20:16	11.30	45.02	29.03	8.87	7.95	5.9	2.86	97.3
698	4/22/2010 20:31	11.30	45.44	29.34	8.84	7.98	7.1	2.88	97.2
699	4/22/2010 20:46	11.31	45.19	29.16	8.94	7.96	8.8	2.89	98.2
700	4/22/2010 21:01	11.32	45.19	29.16	8.80	7.95	8.0	2.86	96.6
701	4/22/2010 21:16	11.42	44.98	29.01	8.85	7.96	11.8	2.84	97.4
702	4/22/2010 21:31	11.32	44.69	28.80	8.93	7.96	9.6	2.80	97.9
703	4/22/2010 21:46	11.31	44.86	28.92	9.00	7.97	10.4	2.74	98.7
704	4/22/2010 22:01	11.28	44.93	28.97	9.00	7.97	11.1	2.67	98.7
705	4/22/2010 22:16	11.27	44.90	28.95	8.97	7.96	10.0	2.62	98.3
706	4/22/2010 22:31	11.33	44.74	28.83	8.99	7.96	10.0	2.54	98.6
707	4/22/2010 22:46	11.32	44.46	28.64	8.98	7.96	12.5	2.47	98.3
708	4/22/2010 23:01	11.39	43.88	28.23	9.02	7.96	12.3	2.39	98.6
709	4/22/2010 23:16	11.37	44.02	28.32	8.98	7.98	12.5	2.33	98.2
710	4/22/2010 23:31	11.37	43.09	27.66	8.94	7.96	10.1	2.27	97.3
711	4/22/2010 23:46	11.34	43.70	28.10	8.90	7.98	9.7	2.20	97.1
712	4/23/2010 0:01	11.36	43.63	28.05	8.90	7.95	10.7	2.13	97.1
713	4/23/2010 0:16	11.35	43.76	28.14	8.85	7.95	9.9	2.07	96.7
714	4/23/2010 0:31	11.43	43.63	28.05	8.81	7.95	10.2	2.01	96.3
715	4/23/2010 0:46	11.41	43.03	27.62	8.82	7.95	10.1	1.95	96.2
716	4/23/2010 1:01	11.45	43.08	27.66	8.75	7.94	9.8	1.91	95.4
717	4/23/2010 1:16	11.47	43.67	28.08	8.67	7.95	9.5	1.87	94.9
718	4/23/2010 1:31	11.54	43.56	28.01	8.64	7.95	7.2	1.85	94.7
719	4/23/2010 1:46	11.55	43.07	27.66	8.51	7.94	5.9	1.81	93.1
720	4/23/2010 2:01	11.50	43.37	27.87	8.61	7.94	8.2	1.83	94.1
721	4/23/2010 2:16	11.47	43.43	27.91	8.74	7.96	8.5	1.83	95.6
722	4/23/2010 2:31	11.45	43.54	27.99	8.70	7.96	9.3	1.85	95.1
723	4/23/2010 2:46	11.41	43.64	28.05	8.75	7.94	9.3	1.88	95.6
724	4/23/2010 3:01	11.42	43.62	28.04	8.71	7.96	9.5	1.90	95.2
725	4/23/2010 3:16	11.38	43.21	27.75	8.76	7.94	8.7	1.97	95.5
726	4/23/2010 3:31	11.42	42.86	27.50	8.78	7.94	9.8	2.03	95.6
727	4/23/2010 3:46	11.41	43.01	27.61	8.79	7.94	8.5	2.09	95.8
728	4/23/2010 4:01	11.37	43.53	27.98	8.77	7.94	9.4	2.16	95.7
729	4/23/2010 4:16	11.37	43.15	27.71	8.85	7.95	10.9	2.22	96.5
730	4/23/2010 4:31	11.38	43.67	28.07	8.86	7.95	8.9	2.29	96.8
731	4/23/2010 4:46	11.34	44.24	28.48	8.83	7.97	9.0	2.35	96.6
732	4/23/2010 5:01	11.32	44.29	28.51	8.90	7.97	8.5	2.42	97.3
733	4/23/2010 5:16	11.27	44.48	28.65	8.93	7.98	8.7	2.47	97.6
734	4/23/2010 5:31	11.26	44.12	28.39	8.97	7.96	8.7	2.53	97.9
735	4/23/2010 5:46	11.25	44.59	28.72	8.96	7.96	8.1	2.58	98.0
736	4/23/2010 6:01	11.23	44.32	28.53	8.97	7.95	8.4	2.66	98.0
737	4/23/2010 6:16	11.17	44.94	28.97	8.95	7.95	6.7	2.70	97.9
738	4/23/2010 6:31	11.11	45.65	29.48	8.93	7.97	6.8	2.75	97.9
739	4/23/2010 6:46	11.01	46.27	29.92	8.94	7.94	6.6	2.81	98.0
740	4/23/2010 7:01	10.93	46.59	30.14	8.91	7.94	6.4	2.85	97.6
741	4/23/2010 7:16	10.90	46.71	30.23	8.89	7.93	6.5	2.87	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	
742	4/23/2010 7:31	10.84	46.53	30.09	8.88	7.93	4.6	2.92	97.2
743	4/23/2010 7:46	10.83	46.61	30.15	8.84	7.93	4.8	2.95	96.6
744	4/23/2010 8:01	10.90	46.77	30.27	8.71	7.95	6.1	2.95	95.5
745	4/23/2010 8:16	10.86	46.88	30.34	8.56	7.92	5.6	2.94	93.8
746	4/23/2010 8:31	10.91	46.06	29.76	8.65	7.92	8.0	2.93	94.5
747	4/23/2010 8:46	10.94	45.80	29.58	8.82	7.93	6.2	2.89	96.3
748	4/23/2010 9:01	11.07	45.04	29.04	8.91	7.95	14.3	2.83	97.2
749	4/23/2010 9:16	11.13	44.68	28.79	8.94	7.94	7.9	2.76	97.6
750	4/23/2010 9:31	11.21	45.16	29.13	8.84	7.94	8.5	2.67	96.8
751	4/23/2010 9:46	11.39	44.55	28.70	8.88	7.95	9.5	2.57	97.4
752	4/23/2010 10:01	11.34	44.39	28.59	8.91	7.95	8.8	2.50	97.6
753	4/23/2010 10:16	11.39	44.68	28.80	8.83	7.95	7.1	2.43	96.9
754	4/23/2010 10:31	11.82	43.91	28.27	8.96	7.95	5.6	2.33	98.9
755	4/23/2010 10:46	11.95	44.07	28.39	9.05	7.96	6.1	2.22	100.3
756	4/23/2010 11:01	12.01	43.64	28.08	9.12	7.97	6.8	2.14	101.0
757	4/23/2010 11:16	12.33	44.01	28.36	9.36	8.00	7.1	2.04	104.5
758	4/23/2010 11:31	12.28	43.49	27.99	9.43	7.99	8.4	1.94	105.0
759	4/23/2010 11:46	12.23	42.81	27.50	9.29	7.98	7.7	1.83	102.9
760	4/23/2010 12:01	12.62	43.67	28.12	9.61	8.02	7.1	1.70	107.8
761	4/23/2010 12:16	12.66	43.57	28.05	9.55	8.01	7.1	1.63	107.2
762	4/23/2010 12:31	12.67	43.45	27.97	9.34	8.01	6.8	1.54	104.8
763	4/23/2010 12:46	12.62	43.45	27.97	9.31	8.00	6.0	1.43	104.3
764	4/23/2010 13:01	12.58	43.47	27.98	9.23	8.02	5.8	1.35	103.4
765	4/23/2010 13:16	12.60	43.48	27.99	9.19	7.99	5.2	1.30	103.0
766	4/23/2010 13:31	12.58	43.52	28.02	9.13	8.02	4.4	1.22	102.3
767	4/23/2010 13:46	12.55	43.55	28.03	9.12	8.00	4.3	1.17	102.1
768	4/23/2010 14:01	12.59	43.55	28.03	8.98	8.00	3.8	1.16	100.6
769	4/23/2010 14:16	12.39	42.87	27.54	9.19	8.00	5.4	1.16	102.2
770	4/23/2010 14:31	12.40	43.67	28.12	9.22	8.00	6.0	1.18	103.0
771	4/23/2010 14:46	12.50	43.66	28.11	9.22	8.00	5.1	1.21	103.2
772	4/23/2010 15:01	12.53	43.68	28.13	9.27	8.02	5.2	1.26	103.7
773	4/23/2010 15:16	12.65	43.54	28.03	9.29	8.00	5.2	1.33	104.3
774	4/23/2010 15:31	12.67	43.62	28.09	9.30	8.00	5.4	1.38	104.5
775	4/23/2010 15:46	12.76	43.13	27.74	9.25	7.99	5.6	1.44	103.8
776	4/23/2010 16:01	12.71	42.78	27.49	9.20	7.98	5.4	1.50	103.0
777	4/23/2010 16:16	12.63	43.06	27.69	9.12	7.98	5.3	1.56	102.0
778	4/23/2010 16:31	12.49	42.78	27.49	9.09	7.97	4.9	1.66	101.3
779	4/23/2010 16:46	12.44	43.13	27.73	9.04	7.97	4.8	1.74	100.8
780	4/23/2010 17:01	12.21	43.05	27.67	8.92	7.96	4.9	1.83	98.9
781	4/23/2010 17:16	12.16	43.57	28.04	8.92	7.96	5.4	1.92	99.1
782	4/23/2010 17:31	12.25	43.47	27.96	8.95	7.96	5.7	2.02	99.5
783	4/23/2010 17:46	11.88	44.42	28.63	8.85	7.96	6.0	2.09	98.0
784	4/23/2010 18:01	11.93	43.96	28.30	8.89	7.95	6.2	2.18	98.4
785	4/23/2010 18:16	11.82	44.46	28.66	8.86	7.95	6.5	2.26	98.1
786	4/23/2010 18:31	11.87	44.31	28.55	8.87	7.95	6.5	2.36	98.2
787	4/23/2010 18:46	11.90	44.65	28.80	8.94	7.95	6.7	2.45	99.3
788	4/23/2010 19:01	11.70	45.06	29.08	8.94	7.97	7.4	2.54	98.9
789	4/23/2010 19:16	11.46	45.61	29.46	8.89	7.96	11.4	2.62	98.1
790	4/23/2010 19:31	11.35	45.89	29.66	8.90	7.94	13.3	2.68	98.2
791	4/23/2010 19:46	11.23	46.27	29.92	8.84	7.93	16.5	2.77	97.3
792	4/23/2010 20:01	11.15	46.57	30.14	8.63	7.91	22.2	2.84	95.0
793	4/23/2010 20:16	11.13	47.25	30.62	8.54	7.90	17.3	2.90	94.3
794	4/23/2010 20:31	11.09	47.42	30.75	8.50	7.92	11.8	2.96	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	DO%
			mS/cm		mg/L		NTU	meters	
795	4/23/2010 20:46	11.06	47.60	30.87	8.49	7.90	9.6	3.02	93.7
796	4/23/2010 21:01	11.02	47.78	31.00	8.47	7.92	8.0	3.06	93.6
797	4/23/2010 21:16	11.01	47.47	30.78	8.40	7.92	5.9	3.09	92.6
798	4/23/2010 21:31	11.06	47.68	30.93	8.36	7.92	6.4	3.09	92.3
799	4/23/2010 21:46	10.99	47.88	31.07	8.33	7.89	6.7	3.09	91.9
800	4/23/2010 22:01	11.34	46.37	30.00	8.50	7.92	7.1	3.06	93.9
801	4/23/2010 22:16	11.24	46.63	30.18	8.52	7.91	10.8	3.00	94.0
802	4/23/2010 22:31	11.42	46.27	29.94	8.60	7.92	9.3	2.93	95.1
803	4/23/2010 22:46	11.41	46.30	29.96	8.64	7.93	15.7	2.85	95.6
804	4/23/2010 23:01	11.55	46.12	29.83	8.73	7.94	14.8	2.77	96.8
805	4/23/2010 23:16	11.52	45.96	29.72	8.71	7.96	18.2	2.67	96.4
806	4/23/2010 23:31	11.76	45.27	29.23	8.78	7.95	21.5	2.59	97.5
807	4/23/2010 23:46	11.70	45.55	29.43	8.78	7.95	10.5	2.49	97.4
808	4/24/2010 0:01	11.67	45.38	29.31	8.78	7.95	9.6	2.40	97.2
809	4/24/2010 0:16	11.79	44.81	28.90	8.79	7.95	12.1	2.31	97.3
810	4/24/2010 0:31	11.81	44.65	28.79	8.78	7.95	11.2	2.20	97.2
811	4/24/2010 0:46	11.90	44.17	28.46	8.78	7.94	12.3	2.13	97.2
812	4/24/2010 1:01	11.95	43.32	27.85	8.82	7.95	12.1	2.05	97.4
813	4/24/2010 1:16	12.05	43.87	28.25	8.79	7.95	10.4	1.94	97.5
814	4/24/2010 1:31	12.05	43.55	28.01	8.80	7.95	10.8	1.87	97.5
815	4/24/2010 1:46	12.31	43.76	28.18	8.80	7.99	9.8	1.78	98.1
816	4/24/2010 2:01	12.56	43.74	28.17	8.87	8.01	9.5	1.72	99.4
817	4/24/2010 2:16	12.62	43.28	27.85	8.85	7.99	8.3	1.66	99.2
818	4/24/2010 2:31	12.62	43.00	27.65	8.84	7.99	7.0	1.63	98.8
819	4/24/2010 2:46	12.79	43.59	28.07	8.81	8.00	5.2	1.59	99.1
820	4/24/2010 3:01	12.81	43.57	28.06	8.75	8.00	4.8	1.56	98.6
821	4/24/2010 3:16	12.68	43.64	28.10	8.83	8.00	5.2	1.57	99.1
822	4/24/2010 3:31	12.57	43.51	28.01	8.79	7.98	6.0	1.60	98.4
823	4/24/2010 3:46	12.48	43.36	27.90	8.82	7.98	6.6	1.63	98.6
824	4/24/2010 4:01	12.44	43.71	28.15	8.84	7.98	6.7	1.69	98.8
825	4/24/2010 4:16	12.48	43.21	27.79	8.83	7.98	6.8	1.76	98.6
826	4/24/2010 4:31	12.42	43.56	28.04	8.79	7.97	6.8	1.84	98.2
827	4/24/2010 4:46	12.43	43.00	27.64	8.79	7.97	7.0	1.90	97.9
828	4/24/2010 5:01	12.34	43.34	27.88	8.70	7.96	7.7	1.97	96.9
829	4/24/2010 5:16	12.36	42.94	27.59	8.72	7.96	7.1	2.05	97.0
830	4/24/2010 5:31	12.15	43.62	28.07	8.70	7.95	7.3	2.13	96.6
831	4/24/2010 5:46	12.03	44.07	28.39	8.69	7.95	7.7	2.21	96.5
832	4/24/2010 6:01	12.03	44.02	28.35	8.68	7.95	7.0	2.27	96.4
833	4/24/2010 6:16	11.82	44.82	28.91	8.68	7.96	7.8	2.34	96.2
834	4/24/2010 6:31	11.73	44.91	28.97	8.74	7.96	5.9	2.41	96.7
835	4/24/2010 6:46	11.65	44.94	28.99	8.71	7.93	5.9	2.48	96.2
836	4/24/2010 7:01	11.58	45.37	29.29	8.66	7.95	5.7	2.55	95.8
837	4/24/2010 7:16	11.45	45.54	29.42	8.63	7.92	5.7	2.62	95.3
838	4/24/2010 7:31	11.36	45.34	29.27	8.65	7.91	6.2	2.68	95.1
839	4/24/2010 7:46	11.33	46.01	29.75	8.61	7.91	5.2	2.74	95.0
840	4/24/2010 8:01	11.23	46.39	30.01	8.58	7.90	4.9	2.80	94.5
841	4/24/2010 8:16	11.12	46.98	30.43	8.51	7.90	5.7	2.87	93.9
842	4/24/2010 8:31	11.02	47.11	30.52	8.53	7.89	6.5	2.92	93.9
843	4/24/2010 8:46	11.00	47.33	30.68	8.50	7.91	5.7	2.95	93.6
844	4/24/2010 9:01	10.93	47.35	30.69	8.46	7.88	4.6	2.98	93.1
845	4/24/2010 9:16	10.98	46.55	30.11	8.23	7.88	5.7	2.99	90.3
846	4/24/2010 9:31	11.02	47.13	30.53	8.32	7.90	4.4	2.99	91.6
847	4/24/2010 9:46	11.14	46.78	30.29	8.53	7.90	4.8	2.95	94.0

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	
848	4/24/2010 10:01	11.10	46.84	30.33	8.46	7.89	6.6	2.90	93.1
849	4/24/2010 10:16	11.35	45.93	29.69	8.79	7.92	8.3	2.84	96.9
850	4/24/2010 10:31	11.59	46.23	29.92	9.00	7.94	10.6	2.77	99.9
851	4/24/2010 10:46	11.76	45.97	29.74	9.18	7.97	8.0	2.68	102.2
852	4/24/2010 11:01	11.92	46.08	29.82	9.30	7.98	8.2	2.59	103.9
853	4/24/2010 11:16	12.06	45.89	29.69	9.30	7.98	8.5	2.49	104.2
854	4/24/2010 11:31	12.15	45.55	29.45	9.21	7.99	8.8	2.42	103.2
855	4/24/2010 11:46	12.34	44.70	28.85	9.36	7.98	8.1	2.32	104.8
856	4/24/2010 12:01	12.52	44.54	28.74	9.31	8.00	11.3	2.21	104.6
857	4/24/2010 12:16	12.73	44.35	28.61	9.35	7.99	10.2	2.11	105.4
858	4/24/2010 12:31	12.87	44.62	28.81	9.46	8.01	9.0	2.01	107.2
859	4/24/2010 12:46	12.99	44.50	28.73	9.42	8.01	8.9	1.91	106.9
860	4/24/2010 13:01	13.22	44.61	28.82	9.52	8.02	8.8	1.79	108.7
861	4/24/2010 13:16	13.29	43.67	28.15	9.53	8.03	9.0	1.69	108.5
862	4/24/2010 13:31	13.48	43.78	28.23	9.54	8.04	9.6	1.60	109.0
863	4/24/2010 13:46	13.52	43.85	28.28	9.49	8.04	8.7	1.50	108.5
864	4/24/2010 14:01	13.48	44.18	28.52	9.43	8.06	7.9	1.41	108.0
865	4/24/2010 14:16	13.57	44.08	28.45	9.42	8.04	7.9	1.34	108.0
866	4/24/2010 14:31	13.67	44.10	28.46	9.41	8.07	8.4	1.31	108.1
867	4/24/2010 14:46	13.68	43.96	28.36	9.35	8.06	7.5	1.26	107.4
868	4/24/2010 15:01	13.73	43.96	28.36	9.18	8.04	5.6	1.25	105.6
869	4/24/2010 15:16	13.83	43.97	28.37	9.17	8.04	6.0	1.27	105.6
870	4/24/2010 15:31	13.85	44.04	28.43	9.46	8.04	6.0	1.27	109.1
871	4/24/2010 15:46	13.72	43.27	27.87	9.47	8.04	5.7	1.31	108.6
872	4/24/2010 16:01	13.82	43.92	28.34	9.42	8.04	5.8	1.35	108.5
873	4/24/2010 16:16	13.76	43.16	27.79	9.43	8.04	5.9	1.42	108.1
874	4/24/2010 16:31	13.67	43.95	28.35	9.35	8.03	5.4	1.48	107.4
875	4/24/2010 16:46	13.75	43.35	27.93	9.36	8.03	5.4	1.57	107.4
876	4/24/2010 17:01	13.90	42.90	27.61	9.33	8.03	6.3	1.63	107.1
877	4/24/2010 17:16	13.79	43.60	28.11	9.28	8.02	6.4	1.70	106.7
878	4/24/2010 17:31	13.57	43.06	27.72	9.26	8.01	5.7	1.81	105.7
879	4/24/2010 17:46	13.24	43.41	27.96	9.21	8.00	5.5	1.94	104.5
880	4/24/2010 18:01	13.00	44.21	28.52	9.06	7.98	5.5	2.00	102.7
881	4/24/2010 18:16	12.80	44.44	28.68	9.00	7.97	6.1	2.09	101.7
882	4/24/2010 18:31	12.56	44.17	28.48	8.97	7.96	6.7	2.22	100.8
883	4/24/2010 18:46	12.42	44.57	28.76	8.97	7.95	6.8	2.30	100.6
884	4/24/2010 19:01	12.43	44.55	28.74	8.93	7.95	7.9	2.40	100.2
885	4/24/2010 19:16	12.30	45.25	29.24	8.89	7.94	7.8	2.50	99.7
886	4/24/2010 19:31	12.40	45.08	29.13	8.94	7.95	6.8	2.57	100.5
887	4/24/2010 19:46	11.94	45.96	29.73	8.83	7.92	27.9	2.67	98.6
888	4/24/2010 20:01	11.70	46.59	30.17	8.79	7.94	13.0	2.76	98.0
889	4/24/2010 20:16	11.66	46.72	30.27	8.82	7.92	18.8	2.84	98.3
890	4/24/2010 20:31	11.51	46.30	29.96	8.88	7.90	18.0	2.93	98.4
891	4/24/2010 20:46	11.36	47.74	30.99	8.93	7.89	21.1	2.99	99.3
892	4/24/2010 21:01	11.27	48.08	31.23	8.98	7.91	17.5	3.06	99.8
893	4/24/2010 21:16	11.08	48.54	31.55	9.03	7.89	11.7	3.13	100.1
894	4/24/2010 21:31	10.98	48.11	31.23	9.10	7.88	9.7	3.19	100.6
895	4/24/2010 21:46	10.85	49.05	31.91	9.08	7.88	8.4	3.23	100.5
896	4/24/2010 22:01	10.86	48.67	31.63	9.05	7.88	5.4	3.25	100.0
897	4/24/2010 22:16	10.97	48.81	31.74	8.97	7.90	7.2	3.26	99.4
898	4/24/2010 22:31	10.89	49.04	31.90	9.02	7.88	5.3	3.26	99.9
899	4/24/2010 22:46	11.11	47.55	30.84	8.99	7.89	6.6	3.19	99.4
900	4/24/2010 23:01	11.37	47.14	30.56	8.81	7.93	11.2	3.13	97.8

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	
901	4/24/2010 23:16	11.37	47.45	30.78	8.89	7.90	10.8	3.05	98.7
902	4/24/2010 23:31	11.59	45.95	29.71	8.92	7.92	9.8	2.96	98.9
903	4/24/2010 23:46	11.63	46.72	30.27	8.81	7.92	8.5	2.85	98.1
904	4/25/2010 0:01	11.67	46.63	30.20	8.75	7.92	7.9	2.74	97.5
905	4/25/2010 0:16	11.68	46.56	30.15	8.76	7.94	7.3	2.67	97.6
906	4/25/2010 0:31	11.79	46.23	29.92	8.77	7.96	13.8	2.54	97.8
907	4/25/2010 0:46	12.03	45.36	29.31	8.80	7.94	13.6	2.42	98.3
908	4/25/2010 1:01	11.91	45.73	29.57	8.73	7.95	8.3	2.32	97.3
909	4/25/2010 1:16	12.03	45.39	29.33	8.74	7.96	12.9	2.22	97.5
910	4/25/2010 1:31	12.02	45.45	29.38	8.73	7.94	12.6	2.10	97.4
911	4/25/2010 1:46	12.34	44.92	29.01	8.69	7.96	11.8	2.01	97.5
912	4/25/2010 2:01	12.38	44.44	28.66	8.64	7.97	13.4	1.87	96.8
913	4/25/2010 2:16	12.48	44.53	28.73	8.65	7.97	12.0	1.76	97.2
914	4/25/2010 2:31	12.68	43.75	28.18	8.63	7.99	14.1	1.66	97.0
915	4/25/2010 2:46	12.82	44.23	28.53	8.63	8.00	13.2	1.55	97.5
916	4/25/2010 3:01	12.87	43.69	28.15	8.60	8.00	12.1	1.45	97.0
917	4/25/2010 3:16	12.85	44.09	28.43	8.59	8.00	11.4	1.38	97.0
918	4/25/2010 3:31	12.86	43.84	28.25	8.57	8.00	10.1	1.34	96.7
919	4/25/2010 3:46	12.90	43.99	28.36	8.51	8.00	7.0	1.33	96.2
920	4/25/2010 4:01	12.85	44.01	28.38	8.46	8.00	7.6	1.29	95.5
921	4/25/2010 4:16	12.83	43.35	27.90	8.61	8.00	8.4	1.31	96.9
922	4/25/2010 4:31	12.79	44.10	28.43	8.56	7.99	8.7	1.36	96.6
923	4/25/2010 4:46	12.78	43.97	28.34	8.60	7.99	8.9	1.39	96.9
924	4/25/2010 5:01	12.73	43.55	28.04	8.59	7.98	8.9	1.45	96.5
925	4/25/2010 5:16	12.68	43.37	27.91	8.59	7.99	8.4	1.53	96.4
926	4/25/2010 5:31	12.73	42.78	27.49	8.58	8.00	9.2	1.63	96.1
927	4/25/2010 5:46	12.75	43.23	27.81	8.60	7.99	7.8	1.68	96.5
928	4/25/2010 6:01	12.71	43.77	28.20	8.54	7.98	8.7	1.78	96.1
929	4/25/2010 6:16	12.70	43.01	27.66	8.60	7.98	8.1	1.86	96.4
930	4/25/2010 6:31	12.54	43.56	28.04	8.60	7.96	7.9	1.95	96.3
931	4/25/2010 6:46	12.38	44.22	28.50	8.60	7.95	7.8	2.04	96.3
932	4/25/2010 7:01	12.16	45.04	29.09	8.62	7.94	8.0	2.12	96.3
933	4/25/2010 7:16	12.12	45.08	29.11	8.69	7.94	6.7	2.21	97.1
934	4/25/2010 7:31	12.04	45.61	29.49	8.68	7.94	9.7	2.29	97.0
935	4/25/2010 7:46	11.96	45.87	29.67	8.69	7.94	9.3	2.37	97.1
936	4/25/2010 8:01	11.83	46.13	29.85	8.70	7.95	9.7	2.44	97.0
937	4/25/2010 8:16	11.71	46.37	30.02	8.74	7.92	8.8	2.52	97.4
938	4/25/2010 8:31	11.64	46.48	30.10	8.76	7.91	8.0	2.60	97.4
939	4/25/2010 8:46	11.45	46.82	30.33	8.81	7.91	9.6	2.66	97.8
940	4/25/2010 9:01	11.40	46.98	30.44	8.83	7.91	8.2	2.75	98.0
941	4/25/2010 9:16	11.20	47.27	30.65	8.89	7.90	11.7	2.81	98.4
942	4/25/2010 9:31	11.10	47.63	30.89	8.92	7.90	10.6	2.87	98.6
943	4/25/2010 9:46	10.93	48.09	31.22	8.92	7.89	11.2	2.92	98.4
944	4/25/2010 10:01	10.79	48.43	31.45	8.92	7.88	9.2	2.97	98.3
945	4/25/2010 10:16	10.69	48.64	31.60	8.94	7.91	7.1	3.00	98.3
946	4/25/2010 10:31	10.70	48.66	31.62	8.91	7.91	5.8	3.00	98.1
947	4/25/2010 10:46	10.68	48.74	31.67	8.91	7.88	8.0	2.99	98.1
948	4/25/2010 11:01	10.82	48.52	31.52	8.93	7.89	7.8	2.96	98.5
949	4/25/2010 11:16	11.09	48.03	31.18	8.96	7.92	7.4	2.93	99.2
950	4/25/2010 11:31	12.02	46.86	30.38	9.29	7.98	7.0	2.85	104.4
951	4/25/2010 11:46	11.88	46.49	30.11	9.18	7.97	16.5	2.76	102.7
952	4/25/2010 12:01	11.69	46.89	30.39	8.99	7.93	10.3	2.68	100.3
953	4/25/2010 12:16	12.01	46.53	30.15	9.14	7.95	8.2	2.58	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	DO%
			mS/cm		mg/L		NTU	meters	
954	4/25/2010 12:31	12.52	45.87	29.69	9.37	7.98	5.9	2.48	105.9
955	4/25/2010 12:46	12.92	45.62	29.53	9.63	8.01	5.4	2.38	109.7
956	4/25/2010 13:01	12.89	45.48	29.43	9.57	8.03	5.2	2.29	108.9
957	4/25/2010 13:16	13.36	45.35	29.35	9.68	8.03	7.1	2.16	111.1
958	4/25/2010 13:31	13.60	44.67	28.87	9.98	8.04	6.6	2.06	114.8
959	4/25/2010 13:46	13.67	44.24	28.56	10.05	8.04	6.8	1.96	115.6
960	4/25/2010 14:01	13.97	44.06	28.44	10.16	8.06	6.5	1.84	117.4
961	4/25/2010 14:16	14.20	44.59	28.82	10.08	8.07	5.7	1.73	117.4
962	4/25/2010 14:31	14.14	43.83	28.28	10.01	8.08	5.1	1.64	116.0
963	4/25/2010 14:46	14.30	44.24	28.58	10.01	8.09	4.9	1.54	116.7
964	4/25/2010 15:01	14.45	44.21	28.56	10.11	8.10	4.4	1.48	118.1
965	4/25/2010 15:16	14.49	43.74	28.22	10.08	8.10	4.4	1.40	117.6
966	4/25/2010 15:31	14.48	44.37	28.67	9.99	8.09	4.0	1.36	116.9
967	4/25/2010 15:46	14.55	44.32	28.64	9.94	8.10	3.1	1.33	116.4
968	4/25/2010 16:01	15.07	44.15	28.53	10.06	8.10	3.2	1.32	118.9
969	4/25/2010 16:16	14.22	44.41	28.70	9.85	8.08	3.4	1.33	114.7
970	4/25/2010 16:31	14.29	43.77	28.24	10.01	8.08	3.5	1.36	116.3
971	4/25/2010 16:46	14.25	44.46	28.74	9.92	8.10	3.7	1.41	115.6
972	4/25/2010 17:01	14.26	44.42	28.70	9.87	8.07	4.0	1.49	115.0
973	4/25/2010 17:16	14.06	44.52	28.77	9.81	8.06	4.4	1.57	113.8
974	4/25/2010 17:31	14.42	43.33	27.93	9.78	8.06	4.5	1.66	113.8
975	4/25/2010 17:46	14.36	43.83	28.28	9.71	8.07	4.4	1.74	113.0
976	4/25/2010 18:01	14.10	44.05	28.44	9.65	8.06	4.5	1.83	111.9
977	4/25/2010 18:16	14.06	43.83	28.28	9.59	8.03	4.8	1.91	110.9
978	4/25/2010 18:31	13.57	44.71	28.89	9.47	8.01	4.6	2.02	108.9
979	4/25/2010 18:46	12.97	45.51	29.45	9.17	7.99	5.4	2.11	104.5
980	4/25/2010 19:01	12.81	45.67	29.56	9.12	7.96	6.1	2.20	103.6
981	4/25/2010 19:16	12.83	44.96	29.05	9.17	7.96	5.5	2.30	104.0
982	4/25/2010 19:31	12.71	45.79	29.64	9.19	7.96	7.0	2.39	104.3
983	4/25/2010 19:46	12.33	45.89	29.70	9.14	7.94	8.2	2.49	102.9
984	4/25/2010 20:01	12.02	46.34	30.01	9.17	7.93	14.6	2.59	102.8
985	4/25/2010 20:16	11.88	46.54	30.15	9.15	7.92	13.7	2.68	102.4
986	4/25/2010 20:31	11.85	47.47	30.82	9.15	7.92	17.0	2.78	102.8
987	4/25/2010 20:46	11.61	47.56	30.87	9.18	7.90	23.8	2.88	102.6
988	4/25/2010 21:01	11.32	48.46	31.51	9.14	7.89	21.7	2.98	101.9
989	4/25/2010 21:16	11.10	48.47	31.50	9.18	7.89	19.3	3.08	101.9
990	4/25/2010 21:31	10.98	49.00	31.88	9.18	7.88	17.0	3.17	101.8
991	4/25/2010 21:46	10.82	48.86	31.77	9.17	7.88	16.4	3.26	101.3
992	4/25/2010 22:01	10.70	48.87	31.77	9.13	7.87	12.1	3.33	100.7
993	4/25/2010 22:16	10.49	49.85	32.46	9.02	7.88	8.7	3.40	99.4
994	4/25/2010 22:31	10.34	50.24	32.74	8.95	7.85	6.5	3.44	98.5
995	4/25/2010 22:46	10.28	50.31	32.79	8.86	7.84	4.9	3.46	97.3
996	4/25/2010 23:01	10.45	50.11	32.65	8.90	7.86	7.4	3.45	98.1
997	4/25/2010 23:16	10.33	50.28	32.76	8.82	7.85	7.2	3.42	97.1
998	4/25/2010 23:31	11.10	48.29	31.37	9.07	7.89	11.0	3.36	100.5
999	4/25/2010 23:46	11.26	48.31	31.40	9.01	7.92	7.6	3.27	100.3
1000	4/26/2010 0:01	11.44	48.22	31.34	9.00	7.90	7.9	3.17	100.4
1001	4/26/2010 0:16	11.48	48.07	31.23	8.98	7.90	8.1	3.07	100.3
1002	4/26/2010 0:31	11.46	47.77	31.02	8.99	7.93	13.6	2.95	100.2
1003	4/26/2010 0:46	11.68	47.57	30.88	8.95	7.93	8.4	2.82	100.1
1004	4/26/2010 1:01	12.04	46.69	30.26	9.00	7.93	17.1	2.70	101.1
1005	4/26/2010 1:16	12.03	46.59	30.19	8.94	7.95	7.4	2.58	100.4
1006	4/26/2010 1:31	11.99	46.79	30.34	8.92	7.95	7.4	2.45	100.1

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	
1007	4/26/2010 1:46	12.14	46.66	30.24	8.94	7.96	8.3	2.32	100.6
1008	4/26/2010 2:01	12.07	46.57	30.18	8.98	7.95	9.0	2.20	100.9
1009	4/26/2010 2:16	12.58	45.62	29.52	9.02	7.98	14.7	2.07	102.0
1010	4/26/2010 2:31	12.50	45.88	29.70	8.95	7.98	9.8	1.93	101.2
1011	4/26/2010 2:46	12.86	45.56	29.49	9.00	7.99	13.4	1.79	102.4
1012	4/26/2010 3:01	13.12	45.16	29.21	9.12	8.02	12.8	1.66	104.1
1013	4/26/2010 3:16	13.34	44.79	28.94	9.17	8.03	12.4	1.53	104.9
1014	4/26/2010 3:31	13.37	44.70	28.88	9.11	8.03	12.3	1.39	104.3
1015	4/26/2010 3:46	13.52	44.45	28.71	9.13	8.03	12.5	1.28	104.8
1016	4/26/2010 4:01	13.64	44.05	28.42	9.12	8.06	10.6	1.19	104.7
1017	4/26/2010 4:16	13.72	43.93	28.34	9.10	8.07	10.4	1.12	104.7
1018	4/26/2010 4:31	13.76	43.86	28.29	9.05	8.07	9.0	1.07	104.1
1019	4/26/2010 4:46	13.78	44.00	28.40	8.92	8.06	6.4	1.06	102.7
1020	4/26/2010 5:01	13.70	43.91	28.33	9.10	8.04	6.5	1.07	104.6
1021	4/26/2010 5:16	13.59	44.12	28.48	9.06	8.05	7.3	1.10	103.9
1022	4/26/2010 5:31	13.52	44.49	28.74	9.06	8.05	7.3	1.16	103.9
1023	4/26/2010 5:46	13.45	43.75	28.21	9.10	8.03	7.2	1.23	104.0
1024	4/26/2010 6:01	13.44	43.55	28.06	9.07	8.02	7.3	1.31	103.5
1025	4/26/2010 6:16	13.43	44.06	28.43	9.00	8.01	7.3	1.40	102.8
1026	4/26/2010 6:31	13.38	44.17	28.50	9.04	8.01	6.4	1.49	103.3
1027	4/26/2010 6:46	13.33	44.66	28.85	9.00	8.03	7.0	1.58	103.0
1028	4/26/2010 7:01	13.28	43.54	28.05	9.00	8.02	6.3	1.68	102.4
1029	4/26/2010 7:16	13.01	44.90	29.01	8.97	8.00	6.8	1.77	102.0
1030	4/26/2010 7:31	13.01	44.00	28.37	8.99	7.98	6.0	1.87	101.8
1031	4/26/2010 7:46	12.67	45.52	29.45	8.99	7.96	7.0	1.97	101.8
1032	4/26/2010 8:01	12.63	45.83	29.67	8.98	7.95	7.2	2.06	101.8
1033	4/26/2010 8:16	12.51	46.03	29.81	9.03	7.95	7.8	2.15	102.2
1034	4/26/2010 8:31	12.39	46.48	30.12	9.03	7.97	9.4	2.24	102.0
1035	4/26/2010 8:46	12.24	46.58	30.19	9.01	7.94	10.0	2.33	101.6
1036	4/26/2010 9:01	12.07	46.22	29.93	9.03	7.95	12.8	2.42	101.2
1037	4/26/2010 9:16	11.93	46.21	29.92	9.06	7.92	14.2	2.51	101.3
1038	4/26/2010 9:31	11.83	46.85	30.37	9.02	7.92	13.5	2.58	101.0
1039	4/26/2010 9:46	11.73	47.38	30.75	9.02	7.92		2.68	100.9
1040	4/26/2010 10:01	11.43	47.96	31.15	8.97	7.91	16.6	2.76	100.0
1041	4/26/2010 10:16	11.13	47.74	30.98	8.87	7.89	18.1	2.83	98.1
1042	4/26/2010 10:31	10.95	48.83	31.76	8.79	7.90	16.2	2.92	97.4
1043	4/26/2010 10:46	10.89	48.91	31.81	8.72	7.90	12.3	2.97	96.5
1044	4/26/2010 11:01	10.83	49.33	32.11	8.68	7.88	8.5	3.04	96.1
1045	4/26/2010 11:16	10.71	49.11	31.94	8.65	7.87	5.9	3.07	95.4
1046	4/26/2010 11:31	10.63	49.32	32.09	8.51	7.89	4.9	3.09	93.8
1047	4/26/2010 11:46	10.80	49.09	31.93	8.60	7.89	6.5	3.11	95.1
1048	4/26/2010 12:01	10.66	49.60	32.29	8.54	7.87	9.0	3.07	94.4
1049	4/26/2010 12:16	10.83	49.21	32.02	8.87	7.88	8.1	3.02	98.1
1050	4/26/2010 12:31	11.80	47.00	30.48	9.27	7.92	8.2	2.97	103.7
1051	4/26/2010 12:46	11.59	48.18	31.31	9.12	7.94	7.9	2.88	102.2
1052	4/26/2010 13:01	11.77	46.99	30.47	9.08	7.95	10.6	2.79	101.6
1053	4/26/2010 13:16	12.22	47.11	30.58	9.26	7.97	10.4	2.68	104.6
1054	4/26/2010 13:31	12.30	47.15	30.61	9.46	7.97	7.2	2.57	107.1
1055	4/26/2010 13:46	12.30	46.93	30.45	9.45	7.99	6.7	2.48	106.8
1056	4/26/2010 14:01	12.45	46.02	29.80	9.49	7.97	5.9	2.35	107.2
1057	4/26/2010 14:16	12.65	46.01	29.80	9.50	7.98	7.4	2.27	107.8
1058	4/26/2010 14:31	12.85	45.94	29.76	9.52	8.02	7.0	2.16	108.4
1059	4/26/2010 14:46	12.80	45.99	29.79	9.81	8.04	5.0	2.07	111.6

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		
1060	4/26/2010 15:01	12.99	45.90	29.73	9.81	8.05	4.9	1.97	112.1
1061	4/26/2010 15:16	13.04	45.71	29.60	9.87	8.06	4.2	1.87	112.7
1062	4/26/2010 15:31	13.26	45.51	29.46	9.84	8.05	4.3	1.78	112.9
1063	4/26/2010 15:46	13.36	45.19	29.23	9.80	8.05	3.5	1.71	112.4
1064	4/26/2010 16:01	13.44	44.97	29.08	9.75	8.07	3.5	1.61	111.9
1065	4/26/2010 16:16	13.51	44.60	28.82	9.77	8.06	3.4	1.55	112.1
1066	4/26/2010 16:31	13.56	44.95	29.07	9.57	8.08	2.4	1.53	110.2
1067	4/26/2010 16:46	13.66	44.30	28.60	9.32	8.06	2.9	1.49	107.1
1068	4/26/2010 17:01	13.54	44.65	28.85	9.61	8.05	3.3	1.50	110.4
1069	4/26/2010 17:16	13.42	45.07	29.15	9.58	8.04	3.4	1.53	110.0
1070	4/26/2010 17:31	13.31	44.57	28.79	9.56	8.03	3.8	1.58	109.3
1071	4/26/2010 17:46	13.32	45.03	29.12	9.54	8.03	3.9	1.64	109.3
1072	4/26/2010 18:01	13.37	44.71	28.89	9.46	8.02	4.3	1.72	108.4
1073	4/26/2010 18:16	13.34	44.81	28.96	9.38	8.03	4.5	1.80	107.4
1074	4/26/2010 18:31	13.23	45.16	29.21	9.42	8.03	5.4	1.90	107.8
1075	4/26/2010 18:46	13.06	45.56	29.49	9.40	7.99	6.5	1.99	107.3
1076	4/26/2010 19:01	12.97	45.55	29.48	9.32	7.98	5.3	2.08	106.2
1077	4/26/2010 19:16	12.59	46.40	30.08	9.18	7.96	6.0	2.17	104.2
1078	4/26/2010 19:31	12.44	46.39	30.06	9.15	7.97	7.5	2.25	103.5
1079	4/26/2010 19:46	12.31	46.94	30.46	9.14	7.95	7.7	2.35	103.4
1080	4/26/2010 20:01	12.20	47.18	30.62	9.13	7.95	9.2	2.45	103.2
1081	4/26/2010 20:16	11.99	46.60	30.20	9.11	7.95	13.7	2.54	102.2
1082	4/26/2010 20:31	11.77	47.76	31.02	9.01	7.92	15.2	2.63	101.1
1083	4/26/2010 20:46	11.65	47.29	30.68	9.00	7.91	13.3	2.74	100.5
1084	4/26/2010 21:01	11.45	48.19	31.32	8.92	7.90	17.3	2.86	99.6
1085	4/26/2010 21:16	11.09	48.56	31.56	8.80	7.89	20.3	2.97	97.6
1086	4/26/2010 21:31	10.72	49.10	31.94	8.65	7.87	17.5	3.08	95.4
1087	4/26/2010 21:46	10.50	49.65	32.32	8.55	7.88	16.5	3.20	94.1
1088	4/26/2010 22:01	10.34	49.70	32.35	8.55	7.86	14.8	3.29	93.9
1089	4/26/2010 22:16	10.24	49.69	32.34	8.53	7.88	11.7	3.40	93.4
1090	4/26/2010 22:31	10.02	49.16	31.94	8.54	7.88	9.9	3.48	92.8
1091	4/26/2010 22:46	9.90	49.13	31.91	8.49	7.85	8.1	3.55	92.0
1092	4/26/2010 23:01	9.80	49.71	32.32	8.41	7.87	6.7	3.60	91.2
1093	4/26/2010 23:16	9.80	49.77	32.36	8.33	7.87	4.2	3.63	90.4
1094	4/26/2010 23:31	10.01	49.48	32.17	8.27	7.87	5.6	3.65	90.1
1095	4/26/2010 23:46	10.12	48.92	31.77	8.37	7.87	6.8	3.63	91.1
1096	4/27/2010 0:01	10.06	49.39	32.10	8.32	7.87	5.9	3.59	90.6
1097	4/27/2010 0:16	10.44	49.34	32.09	8.47	7.86	10.1	3.52	93.0
1098	4/27/2010 0:31	10.73	48.02	31.16	8.63	7.88	7.7	3.45	94.8
1099	4/27/2010 0:46	11.01	48.47	31.50	8.61	7.88	6.2	3.33	95.3
1100	4/27/2010 1:01	10.93	48.51	31.52	8.58	7.88	9.0	3.20	94.8
1101	4/27/2010 1:16	11.02	48.57	31.57	8.57	7.88	12.5	3.09	95.0
1102	4/27/2010 1:31	11.12	47.63	30.90	8.65	7.88	13.4	2.96	95.7
1103	4/27/2010 1:46	11.57	47.67	30.95	8.75	7.92	11.9	2.82	97.7
1104	4/27/2010 2:01	11.68	47.48	30.82	8.73	7.92	11.4	2.69	97.7
1105	4/27/2010 2:16	11.87	46.20	29.90	8.80	7.93	8.9	2.54	98.3
1106	4/27/2010 2:31	11.81	46.48	30.10	8.77	7.92	10.9	2.42	97.9
1107	4/27/2010 2:46	11.77	47.19	30.61	8.72	7.91	9.5	2.27	97.6
1108	4/27/2010 3:01	11.62	47.47	30.81	8.77	7.91	10.3	2.13	98.0
1109	4/27/2010 3:16	12.01	46.48	30.11	8.72	7.92	10.7	1.99	97.8
1110	4/27/2010 3:31	12.24	46.29	29.99	8.74	7.96	12.9	1.85	98.4
1111	4/27/2010 3:46	12.23	46.25	29.95	8.73	7.94	13.6	1.70	98.3
1112	4/27/2010 4:01	12.51	45.38	29.34	8.73	7.95	15.0	1.57	98.5

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	
1113	4/27/2010 4:16	12.65	44.57	28.77	8.74	7.96	17.3	1.44	98.5
1114	4/27/2010 4:31	12.85	44.38	28.64	8.70	7.97	18.6	1.30	98.4
1115	4/27/2010 4:46	12.98	44.02	28.38	8.71	7.97	17.1	1.18	98.6
1116	4/27/2010 5:01	13.01	44.61	28.81	8.65	8.00	16.4	1.06	98.3
1117	4/27/2010 5:16	13.10	44.07	28.43	8.65	8.00	12.2	1.00	98.2
1118	4/27/2010 5:31	13.10	44.41	28.67	8.56	8.00	10.8	0.95	97.3
1119	4/27/2010 5:46	13.12	44.43	28.68	8.44	7.98	5.8	0.92	96.0
1120	4/27/2010 6:01	13.06	44.48	28.72	8.58	7.98	8.6	0.94	97.5
1121	4/27/2010 6:16	13.00	43.94	28.33	8.64	7.98	8.7	0.99	97.9
1122	4/27/2010 6:31	12.94	43.87	28.28	8.63	7.97	12.4	1.06	97.6
1123	4/27/2010 6:46	12.91	43.19	27.79	8.62	7.95	20.5	1.13	97.1
1124	4/27/2010 7:01	12.93	41.94	26.90	8.65	7.95	13.4	1.24	97.0
1125	4/27/2010 7:16	12.92	42.65	27.41	8.67	7.95	10.7	1.35	97.5
1126	4/27/2010 7:31	12.93	41.00	26.24	8.71	7.94	11.2	1.44	97.2
1127	4/27/2010 7:46	12.87	43.47	27.99	8.65	7.97	8.4	1.53	97.5
1128	4/27/2010 8:01	12.79	44.75	28.90	8.65	7.95	9.0	1.62	97.8
1129	4/27/2010 8:16	12.71	44.88	28.99	8.66	7.97	7.7	1.73	97.8
1130	4/27/2010 8:31	12.54	45.07	29.12	8.69	7.94	9.0	1.85	97.9
1131	4/27/2010 8:46	12.49	45.39	29.35	8.70	7.94	9.3	1.94	98.1
1132	4/27/2010 9:01	12.34	45.65	29.53	8.73	7.93	11.5	2.05	98.2
1133	4/27/2010 9:16	12.28	46.12	29.86	8.72	7.96	11.2	2.16	98.2
1134	4/27/2010 9:31	12.23	46.20	29.92	8.73	7.94	10.5	2.26	98.2
1135	4/27/2010 9:46	12.12	46.18	29.90	8.73	7.93	12.3	2.35	98.0
1136	4/27/2010 10:01	12.01	46.33	30.00	8.72	7.94	13.9	2.45	97.8
1137	4/27/2010 10:16	11.83	46.34	30.00	8.74	7.91	15.6	2.55	97.6
1138	4/27/2010 10:31	11.75	45.72	29.55	8.78	7.91	14.8	2.63	97.6
1139	4/27/2010 10:46	11.56	46.73	30.27	8.72	7.90	14.1	2.72	97.0
1140	4/27/2010 11:01	11.18	47.36	30.70	8.68	7.89	20.1	2.81	95.9
1141	4/27/2010 11:16	11.05	47.66	30.91	8.66	7.89	14.2	2.90	95.6
1142	4/27/2010 11:31	10.91	47.88	31.07	8.64	7.88	12.8	2.98	95.2
1143	4/27/2010 11:46	10.88	47.87	31.06	8.62	7.88	8.7	3.03	94.9
1144	4/27/2010 12:01	10.84	47.28	30.63	8.63	7.88	7.4	3.10	94.7
1145	4/27/2010 12:16	10.71	47.76	30.97	8.63	7.88	6.0	3.14	94.6
1146	4/27/2010 12:31	10.94	47.49	30.79	8.61	7.88	6.2	3.14	94.7
1147	4/27/2010 12:46	10.82	47.80	31.01	8.56	7.87	6.8	3.15	94.1
1148	4/27/2010 13:01	10.65	47.36	30.68	8.70	7.87	8.2	3.13	95.1
1149	4/27/2010 13:16	10.72	48.14	31.24	8.63	7.87	9.8	3.07	94.8
1150	4/27/2010 13:31	11.06	47.58	30.86	8.74	7.89	8.5	3.02	96.5
1151	4/27/2010 13:46	11.46	47.48	30.81	8.87	7.94	11.3	2.93	98.7
1152	4/27/2010 14:01	11.45	47.32	30.69	8.76	7.91	14.3	2.80	97.5
1153	4/27/2010 14:16	11.97	45.94	29.72	8.93	7.93	12.6	2.71	99.8
1154	4/27/2010 14:31	12.08	45.88	29.68	9.00	7.93	8.2	2.63	100.9
1155	4/27/2010 14:46	12.25	45.56	29.46	9.16	7.95	6.8	2.51	102.8
1156	4/27/2010 15:01	12.29	46.25	29.96	9.10	7.95	8.7	2.40	102.5
1157	4/27/2010 15:16	12.48	45.89	29.71	9.10	7.96	8.4	2.35	102.7
1158	4/27/2010 15:31	12.42	45.27	29.26	9.39	7.98	6.2	2.23	105.7
1159	4/27/2010 15:46	12.68	45.38	29.35	9.28	7.98	6.6	2.15	105.1
1160	4/27/2010 16:01	12.83	45.26	29.27	9.32	7.99	7.0	2.07	105.7
1161	4/27/2010 16:16	13.02	44.71	28.88	9.27	8.00	6.0	1.98	105.4
1162	4/27/2010 16:31	13.03	44.42	28.67	9.42	8.00	5.3	1.89	106.9
1163	4/27/2010 16:46	13.09	44.49	28.72	9.36	8.01	5.2	1.83	106.4
1164	4/27/2010 17:01	13.14	44.21	28.52	9.36	8.01	4.9	1.78	106.4
1165	4/27/2010 17:16	13.18	44.34	28.62	9.41	8.01	5.8	1.71	107.2

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	
1166	4/27/2010 17:31	13.22	44.15	28.48	9.26	8.01	3.9	1.68	105.4
1167	4/27/2010 17:46	13.26	44.06	28.42	9.19	8.03	4.8	1.67	104.7
1168	4/27/2010 18:01	13.14	43.65	28.12	9.34	8.01	4.6	1.69	105.9
1169	4/27/2010 18:16	13.29	43.94	28.34	9.42	8.01	5.1	1.71	107.3
1170	4/27/2010 18:31	13.12	44.16	28.49	9.28	8.02	5.0	1.76	105.4
1171	4/27/2010 18:46	13.06	44.33	28.61	9.26	7.99	5.9	1.84	105.2
1172	4/27/2010 19:01	12.98	43.62	28.10	9.23	7.97	8.8	1.91	104.3
1173	4/27/2010 19:16	12.90	43.90	28.30	9.17	7.96	9.3	2.00	103.6
1174	4/27/2010 19:31	12.84	42.99	27.65	9.17	7.96	11.1	2.10	103.1
1175	4/27/2010 19:46	12.70	42.32	27.16	9.12	7.95	13.1	2.19	101.8
1176	4/27/2010 20:01	12.53	42.31	27.16	9.09	7.93	11.3	2.29	101.2
1177	4/27/2010 20:16	12.45	44.49	28.71	8.95	7.93	11.7	2.39	100.4
1178	4/27/2010 20:31	12.47	44.55	28.75	8.96	7.94	11.2	2.48	100.6
1179	4/27/2010 20:46	12.36	45.20	29.21	8.94	7.93	12.6	2.59	100.4
1180	4/27/2010 21:01	12.17	45.00	29.06	8.94	7.92	11.5	2.69	99.9
1181	4/27/2010 21:16	11.91	45.20	29.19	8.90	7.91	17.7	2.79	99.0
1182	4/27/2010 21:31	11.76	45.51	29.41	8.87	7.90	22.6	2.90	98.5
1183	4/27/2010 21:46	11.54	46.48	30.09	8.89	7.89	18.5	3.02	98.7
1184	4/27/2010 22:01	11.35	46.81	30.32	8.93	7.89	17.2	3.13	98.9
1185	4/27/2010 22:16	11.12	47.22	30.60	8.97	7.88	18.7	3.23	99.1
1186	4/27/2010 22:31	10.90	47.46	30.76	9.05	7.88	15.9	3.34	99.5
1187	4/27/2010 22:46	10.69	47.70	30.92	9.16	7.89	15.3	3.44	100.3
1188	4/27/2010 23:01	10.61	47.10	30.49	9.24	7.89	13.4	3.53	100.8
1189	4/27/2010 23:16	10.53	47.55	30.81	9.23	7.89	10.1	3.60	100.7
1190	4/27/2010 23:31	10.47	48.24	31.30	9.23	7.89	9.5	3.66	101.0
1191	4/27/2010 23:46	10.43	48.15	31.23	9.20	7.89	7.8	3.70	100.5
1192	4/28/2010 0:01	10.42	48.34	31.37	9.09	7.89	5.6	3.72	99.3
1193	4/28/2010 0:16	10.52	48.00	31.13	9.14	7.89	7.9	3.72	99.9
1194	4/28/2010 0:31	10.48	47.98	31.11	9.15	7.91	9.3	3.69	100.0
1195	4/28/2010 0:46	10.53	47.99	31.13	9.15	7.89	10.7	3.62	100.1
1196	4/28/2010 1:01	10.80	46.68	30.20	9.11	7.89	16.7	3.54	99.6
1197	4/28/2010 1:16	10.92	46.64	30.17	9.04	7.92	10.2	3.45	99.1
1198	4/28/2010 1:31	11.24	46.02	29.75	8.94	7.92	8.0	3.32	98.4
1199	4/28/2010 1:46	11.37	45.22	29.18	8.91	7.92	12.1	3.18	98.0
1200	4/28/2010 2:01	11.37	44.93	28.97	8.90	7.92	13.3	3.09	97.8
1201	4/28/2010 2:16	11.48	44.67	28.79	8.87	7.89	15.9	2.94	97.6
1202	4/28/2010 2:31	11.66	43.59	28.03	8.91	7.90	17.2	2.78	97.9
1203	4/28/2010 2:46	11.80	43.73	28.14	8.89	7.93	15.3	2.66	98.0
1204	4/28/2010 3:01	11.82	44.11	28.41	8.88	7.91	17.0	2.52	98.1
1205	4/28/2010 3:16	11.78	43.43	27.92	8.85	7.93	14.8	2.37	97.4
1206	4/28/2010 3:31	11.58	43.61	28.04	8.85	7.89	14.1	2.23	97.1
1207	4/28/2010 3:46	11.62	43.59	28.03	8.84	7.92	14.3	2.07	97.1
1208	4/28/2010 4:01	11.71	43.67	28.09	8.80	7.93	15.7	1.93	96.8
1209	4/28/2010 4:16	11.98	43.07	27.67	8.82	7.94	18.7	1.77	97.3
1210	4/28/2010 4:31	12.03	43.42	27.93	8.78	7.95	17.6	1.61	97.2
1211	4/28/2010 4:46	12.25	43.33	27.87	8.76	7.94	18.1	1.45	97.4
1212	4/28/2010 5:01	12.34	42.98	27.62	8.79	7.95	17.2	1.30	97.7
1213	4/28/2010 5:16	12.45	42.85	27.53	8.77	7.95	15.9	1.15	97.7
1214	4/28/2010 5:31	12.47	42.89	27.56	8.73	7.98	15.0	1.02	97.3
1215	4/28/2010 5:46	12.46	42.88	27.55	8.68	7.98	16.4	0.90	96.7
1216	4/28/2010 6:01	12.48	42.30	27.14	8.70	7.98	17.3	0.81	96.7
1217	4/28/2010 6:16	12.49	41.96	26.90	8.58	7.95	19.4	0.76	95.3
1218	4/28/2010 6:31	12.44	42.32	27.16	8.55	7.94	22.0	0.76	95.0

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	
1219	4/28/2010 6:46	12.47	42.13	27.02	8.73	7.96	12.5	0.79	97.0
1220	4/28/2010 7:01	12.44	42.54	27.31	8.73	7.98	12.1	0.87	97.1
1221	4/28/2010 7:16	12.39	41.71	26.72	8.79	7.98	11.8	0.95	97.3
1222	4/28/2010 7:31	12.27	41.48	26.55	8.77	7.96	19.4	1.03	96.7
1223	4/28/2010 7:46	12.42	41.93	26.88	8.73	7.97	13.2	1.13	96.8
1224	4/28/2010 8:01	12.41	42.08	26.99	8.72	7.97	14.2	1.22	96.7
1225	4/28/2010 8:16	12.36	41.75	26.75	8.74	7.96	13.2	1.32	96.7
1226	4/28/2010 8:31	12.35	42.17	27.04	8.71	7.96	11.3	1.41	96.5
1227	4/28/2010 8:46	12.29	41.41	26.51	8.73	7.92	11.2	1.51	96.3
1228	4/28/2010 9:01	12.20	40.96	26.19	8.75	7.93	11.6	1.60	96.1
1229	4/28/2010 9:16	12.15	41.68	26.70	8.77	7.91	13.1	1.72	96.6
1230	4/28/2010 9:31	12.13	41.24	26.38	8.82	7.94	13.3	1.83	96.9
1231	4/28/2010 9:46	12.16	41.76	26.75	8.81	7.94	12.8	1.94	97.0
1232	4/28/2010 10:01	12.28	42.81	27.50	8.75	7.93	13.4	2.05	97.1
1233	4/28/2010 10:16	12.23	42.28	27.12	8.79	7.95	11.9	2.16	97.2
1234	4/28/2010 10:31	12.23	43.36	27.89	8.74	7.93	14.1	2.26	97.1
1235	4/28/2010 10:46	12.09	43.59	28.04	8.77	7.92	18.6	2.36	97.3
1236	4/28/2010 11:01	11.93	43.38	27.89	8.81	7.93	20.3	2.45	97.3
1237	4/28/2010 11:16	11.82	43.61	28.05	8.86	7.90	18.1	2.54	97.7
1238	4/28/2010 11:31	11.69	43.62	28.06	8.89	7.89	27.2	2.65	97.8
1239	4/28/2010 11:46	11.36	44.60	28.74	8.95	7.89		2.75	98.1
1240	4/28/2010 12:01	11.16	45.26	29.20	9.06	7.89	26.7	2.83	99.2
1241	4/28/2010 12:16	11.13	45.39	29.29	9.10	7.89	21.4	2.91	99.7
1242	4/28/2010 12:31	11.06	45.88	29.64	9.12	7.92	19.9	2.98	100.0
1243	4/28/2010 12:46	10.97	46.05	29.76	9.18	7.92	16.7	3.04	100.5
1244	4/28/2010 13:01	10.84	46.33	29.95	9.28	7.91	12.8	3.08	101.3
1245	4/28/2010 13:16	10.79	46.72	30.22	9.24	7.93	11.0	3.12	101.0
1246	4/28/2010 13:31	10.84	47.11	30.51	9.16	7.90	11.5	3.15	100.4
1247	4/28/2010 13:46	10.78	46.92	30.37	9.28	7.93	12.7	3.11	101.6
1248	4/28/2010 14:01	10.78	46.87	30.34	9.28	7.93	13.7	3.07	101.5
1249	4/28/2010 14:16	11.65	45.12	29.12	9.28	7.94	17.6	3.02	102.6
1250	4/28/2010 14:31	11.32	45.28	29.22	9.14	7.93	13.5	2.95	100.5
1251	4/28/2010 14:46	11.44	45.31	29.25	9.14	7.91	19.3	2.86	100.8
1252	4/28/2010 15:01	11.96	44.35	28.58	9.23	7.93	10.8	2.76	102.5
1253	4/28/2010 15:16	12.27	43.28	27.83	9.30	7.94	12.4	2.66	103.4
1254	4/28/2010 15:31	12.44	43.40	27.92	9.29	7.96	13.0	2.56	103.7
1255	4/28/2010 15:46	12.48	43.25	27.82	9.37	7.96	9.8	2.46	104.6
1256	4/28/2010 16:01	12.62	43.81	28.22	9.45	7.95	8.0	2.38	106.1
1257	4/28/2010 16:16	12.81	42.99	27.64	9.40	7.97	9.6	2.29	105.6
1258	4/28/2010 16:31	12.87	42.26	27.13	9.34	7.98	7.3	2.20	104.7
1259	4/28/2010 16:46	13.03	42.68	27.43	9.65	7.99	6.6	2.11	108.7
1260	4/28/2010 17:01	13.08	42.24	27.12	9.65	7.99	6.5	2.04	108.6
1261	4/28/2010 17:16	13.24	41.80	26.81	9.88	8.02	6.0	1.98	111.4
1262	4/28/2010 17:31	13.26	41.36	26.50	9.87	8.00	5.8	1.91	111.1
1263	4/28/2010 17:46	13.27	41.85	26.85	9.79	8.00	5.7	1.84	110.4
1264	4/28/2010 18:01	13.26	41.86	26.86	9.61	7.98	5.0	1.81	108.4
1265	4/28/2010 18:16	13.27	41.12	26.33	9.52	7.99	4.3	1.79	107.1
1266	4/28/2010 18:31	13.27	41.31	26.47	9.76	8.00	5.4	1.80	109.9
1267	4/28/2010 18:46	13.25	41.51	26.61	9.72	8.00	4.8	1.81	109.5
1268	4/28/2010 19:01	13.28	40.98	26.23	9.73	8.00	5.2	1.87	109.4
1269	4/28/2010 19:16	13.23	41.51	26.61	9.62	8.02	5.8	1.92	108.3
1270	4/28/2010 19:31	13.10	41.48	26.58	9.53	7.99	6.7	1.99	107.0
1271	4/28/2010 19:46	13.03	41.58	26.65	9.41	7.95	8.1	2.08	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	DO%
			mS/cm		mg/L		NTU	meters	
1272	4/28/2010 20:01	12.94	41.51	26.60	9.34	7.94	7.9	2.15	104.5
1273	4/28/2010 20:16	12.76	41.84	26.83	9.22	7.93	9.8	2.25	102.9
1274	4/28/2010 20:31	12.72	41.45	26.55	9.24	7.94	8.5	2.33	102.9
1275	4/28/2010 20:46	12.54	41.75	26.75	9.17	7.93	8.9	2.43	101.8
1276	4/28/2010 21:01	12.28	42.70	27.42	9.11	7.90	9.8	2.52	101.0
1277	4/28/2010 21:16	12.04	43.37	27.89	9.09	7.91	11.2	2.61	100.7
1278	4/28/2010 21:31	11.91	42.90	27.55	9.20	7.90	12.8	2.71	101.3
1279	4/28/2010 21:46	11.77	43.25	27.79	9.24	7.90	10.8	2.81	101.6
1280	4/28/2010 22:01	11.59	45.06	29.08	9.21	7.91	19.5	2.91	101.7
1281	4/28/2010 22:16	11.52	45.25	29.21	9.23	7.91	23.9	3.03	101.9
1282	4/28/2010 22:31	11.45	45.58	29.44	9.27	7.91	23.0	3.13	102.3
1283	4/28/2010 22:46	11.28	45.78	29.57	9.33	7.93	29.2	3.23	102.7
1284	4/28/2010 23:01	11.13	45.99	29.72	9.33	7.94	24.6	3.34	102.4
1285	4/28/2010 23:16	11.02	46.24	29.90	9.35	7.94	22.3	3.44	102.6
1286	4/28/2010 23:31	10.90	47.05	30.47	9.38	7.94	25.5	3.53	103.0
1287	4/28/2010 23:46	10.85	47.10	30.51	9.40	7.92	14.3	3.60	103.1
1288	4/29/2010 0:01	10.81	47.18	30.55	9.38	7.92	12.9	3.66	102.8
1289	4/29/2010 0:16	10.73	46.67	30.18	9.38	7.92	12.5	3.71	102.4
1290	4/29/2010 0:31	10.66	47.30	30.64	9.25	7.94	9.9	3.75	101.1
1291	4/29/2010 0:46	10.74	46.60	30.14	9.28	7.91	10.4	3.76	101.3
1292	4/29/2010 1:01	10.71	47.09	30.49	9.23	7.94	13.6	3.74	100.9
1293	4/29/2010 1:16	10.94	45.86	29.62	9.31	7.94	10.7	3.69	101.8
1294	4/29/2010 1:31	10.94	45.44	29.32	9.31	7.94	8.9	3.63	101.5
1295	4/29/2010 1:46	11.10	44.76	28.84	9.23	7.91	8.6	3.54	100.7
1296	4/29/2010 2:01	11.27	43.67	28.07	9.21	7.91	10.4	3.42	100.3
1297	4/29/2010 2:16	11.31	43.63	28.04	9.19	7.93	13.9	3.31	100.2
1298	4/29/2010 2:31	11.42	42.63	27.34	9.20	7.93	16.1	3.19	100.1
1299	4/29/2010 2:46	11.42	43.97	28.29	9.15	7.93	14.8	3.05	100.2
1300	4/29/2010 3:01	11.64	42.79	27.46	9.14	7.91	24.5	2.91	100.0
1301	4/29/2010 3:16	11.77	42.76	27.44	9.13	7.93	19.8	2.77	100.2
1302	4/29/2010 3:31	11.83	42.41	27.20	9.11	7.94	14.6	2.62	100.0
1303	4/29/2010 3:46	11.72	41.84	26.79	9.12	7.93	12.6	2.49	99.6
1304	4/29/2010 4:01	11.74	42.03	26.92	9.12	7.91	12.5	2.35	99.7
1305	4/29/2010 4:16	11.72	42.48	27.24	9.10	7.91	13.2	2.20	99.6
1306	4/29/2010 4:31	11.87	42.03	26.93	9.06	7.91	14.3	2.04	99.3
1307	4/29/2010 4:46	11.96	41.68	26.69	9.02	7.93	16.9	1.88	98.9
1308	4/29/2010 5:01	12.03	41.80	26.77	8.96	7.91	17.5	1.73	98.4
1309	4/29/2010 5:16	12.13	41.44	26.52	8.96	7.94	17.3	1.57	98.4
1310	4/29/2010 5:31	12.32	40.83	26.10	8.98	7.95	19.5	1.39	98.8
1311	4/29/2010 5:46	12.41	40.17	25.64	9.00	7.95	22.2	1.24	99.0
1312	4/29/2010 6:01	12.49	39.89	25.44	8.97	7.93	19.5	1.09	98.7
1313	4/29/2010 6:16	12.51	40.34	25.76	8.88	7.92	16.7	0.94	97.9
1314	4/29/2010 6:31	12.52	40.18	25.64	8.83	7.92	16.5	0.83	97.3
1315	4/29/2010 6:46	12.54	39.72	25.32	8.75	7.91	11.0	0.73	96.3
1316	4/29/2010 7:01	12.49	39.40	25.10	8.58	7.90	10.4	0.68	94.1
1317	4/29/2010 7:16	12.50	39.89	25.44	8.80	7.94	10.6	0.71	96.8
1318	4/29/2010 7:31	12.48	40.08	25.57	8.83	7.94	12.4	0.77	97.2
1319	4/29/2010 7:46	12.46	39.72	25.32	8.83	7.91	16.7	0.86	97.0
1320	4/29/2010 8:01	12.44	39.76	25.35	8.86	7.92	13.7	0.94	97.3
1321	4/29/2010 8:16	12.40	39.49	25.15	8.84	7.91	12.1	1.03	96.9
1322	4/29/2010 8:31	12.35	39.43	25.11	8.84	7.92	11.6	1.11	96.8
1323	4/29/2010 8:46	12.38	39.66	25.28	8.82	7.92	10.1	1.18	96.7
1324	4/29/2010 9:01	12.35	39.78	25.36	8.85	7.92	10.1	1.28	97.1

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		
1325	4/29/2010 9:16	12.35	39.88	25.43	8.86	7.92	8.9	1.37	97.2
1326	4/29/2010 9:31	12.32	39.39	25.08	8.88	7.90	8.6	1.45	97.2
1327	4/29/2010 9:46	12.27	39.75	25.34	8.90	7.92	8.9	1.54	97.4
1328	4/29/2010 10:01	12.16	39.94	25.47	8.96	7.92	9.0	1.65	97.9
1329	4/29/2010 10:16	12.11	39.81	25.37	9.00	7.92	10.4	1.77	98.2
1330	4/29/2010 10:31	12.05	39.85	25.40	9.01	7.89	10.4	1.88	98.1
1331	4/29/2010 10:46	12.05	40.66	25.97	8.96	7.90	11.7	2.00	98.0
1332	4/29/2010 11:01	12.06	41.35	26.46	8.98	7.92	13.4	2.11	98.5
1333	4/29/2010 11:16	12.07	40.64	25.96	9.04	7.89	10.3	2.22	98.9
1334	4/29/2010 11:31	12.16	40.53	25.88	9.10	7.89	12.8	2.34	99.7
1335	4/29/2010 11:46	12.19	40.54	25.89	9.11	7.89	10.6	2.43	99.9
1336	4/29/2010 12:01	11.85	42.50	27.26	9.03	7.90	24.0	2.52	99.2
1337	4/29/2010 12:16	11.74	42.65	27.36	9.06	7.90	25.2	2.62	99.3
1338	4/29/2010 12:31	11.75	42.66	27.37	9.06	7.90	26.5	2.71	99.3
1339	4/29/2010 12:46	11.48	43.11	27.68	9.18	7.90	32.4	2.78	100.3
1340	4/29/2010 13:01	11.30	43.73	28.12	9.23	7.92	26.7	2.87	100.7
1341	4/29/2010 13:16	11.23	44.62	28.75	9.21	7.90	23.7	2.94	100.8
1342	4/29/2010 13:31	11.06	45.51	29.37	9.17	7.90	24.5	3.01	100.3
1343	4/29/2010 13:46	10.92	45.73	29.52	9.14	7.92	17.8	3.05	99.8
1344	4/29/2010 14:01	10.94	45.55	29.40	9.10	7.90	11.5	3.09	99.3
Mean		12.50	44.65	28.81	8.91	7.98	9.0	2.33	100.2
Minimum		9.80	39.39	25.08	7.96	7.84	1.4	0.68	89.7
Maximum		15.28	50.31	32.79	10.41	8.14	41.1	3.76	118.9

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	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
1	4/29/2010 14:31	10.81	46.64	30.17	8.96	7.90	12.4	3.16	98.0
2	4/29/2010 14:46	11.06	45.96	29.69	9.03	7.91	10.8	3.12	99.0
3	4/29/2010 15:01	11.18	45.47	29.35	9.14	7.93	14.2	3.07	100.3
4	4/29/2010 15:16	11.68	44.67	28.80	9.31	7.96	12.5	2.98	102.8
5	4/29/2010 15:31	12.22	43.94	28.30	9.45	7.98	15.4	2.89	105.3
6	4/29/2010 15:46	11.58	44.00	28.32	9.14	7.95	26.0	2.81	100.5
7	4/29/2010 16:01	12.67	43.35	27.90	9.53	8.01	11.8	2.72	106.8
8	4/29/2010 16:16	12.92	43.22	27.81	9.90	7.95	9.9	2.64	111.5
9	4/29/2010 16:31	12.98	43.08	27.72	9.86	8.06	9.3	2.56	111.2
10	4/29/2010 16:46	13.03	42.45	27.27	9.81	7.94	10.9	2.47	110.4
11	4/29/2010 17:01	13.09	42.25	27.13	9.70	8.05	11.0	2.37	109.2
12	4/29/2010 17:16	13.17	41.12	26.33	9.58	7.91	11.0	2.30	107.5
13	4/29/2010 17:31	13.25	41.01	26.25	9.60	8.03	9.4	2.23	107.9
14	4/29/2010 17:46	13.37	41.06	26.29	9.73	8.06	8.7	2.17	109.6
15	4/29/2010 18:01	13.42	40.99	26.24	9.75	8.07	9.3	2.09	109.9
16	4/29/2010 18:16	13.49	40.94	26.21	9.75	8.08	8.5	2.04	110.1
17	4/29/2010 18:31	13.47	40.70	26.04	9.66	7.94	9.0	2.01	108.8
18	4/29/2010 18:46	13.52	40.67	26.02	9.60	8.06	7.5	1.95	108.4
19	4/29/2010 19:01	13.54	40.39	25.82	9.49	7.94	6.5	1.96	107.0
20	4/29/2010 19:16	13.50	40.63	25.99	9.60	8.06	7.1	1.95	108.3
21	4/29/2010 19:31	13.39	40.76	26.08	9.55	7.92	6.2	1.98	107.5
22	4/29/2010 19:46	13.56	40.18	25.67	9.69	8.06	5.9	2.03	109.1
23	4/29/2010 20:01	13.45	40.45	25.86	9.61	8.05	6.3	2.07	108.2
24	4/29/2010 20:16	13.33	40.70	26.03	9.56	7.92	7.7	2.14	107.4
25	4/29/2010 20:31	13.52	39.67	25.31	9.61	7.91	8.0	2.23	108.0
26	4/29/2010 20:46	13.34	40.38	25.81	9.50	8.01	7.4	2.30	106.7
27	4/29/2010 21:01	13.16	40.75	26.06	9.41	7.89	8.6	2.40	105.4
28	4/29/2010 21:16	13.17	40.77	26.08	9.48	7.89	8.5	2.48	106.3
29	4/29/2010 21:31	12.93	41.46	26.57	9.38	7.88	8.8	2.56	104.9
30	4/29/2010 21:46	12.69	41.93	26.89	9.28	7.98	8.9	2.65	103.4
31	4/29/2010 22:01	12.36	42.52	27.30	9.22	7.96	9.5	2.73	102.4
32	4/29/2010 22:16	12.31	42.54	27.31	9.21	7.97	8.5	2.83	102.1
33	4/29/2010 22:31	12.17	42.97	27.61	9.22	7.87	10.1	2.91	102.2
34	4/29/2010 22:46	11.90	43.82	28.20	9.13	7.86	7.8	3.01	100.9
35	4/29/2010 23:01	11.61	44.87	28.94	9.02	7.95	10.4	3.11	99.6
36	4/29/2010 23:16	11.39	45.82	29.61	8.95	7.94	16.1	3.21	98.7
37	4/29/2010 23:31	11.27	46.12	29.82	8.93	7.94	30.1	3.30	98.4
38	4/29/2010 23:46	11.10	46.42	30.02	8.88	7.84	23.6	3.39	97.6
39	4/30/2010 0:01	10.98	46.89	30.36	8.84	7.84	19.5	3.47	97.1
40	4/30/2010 0:16	10.89	47.10	30.50	8.86	7.84	18.6	3.55	97.3
41	4/30/2010 0:31	10.84	47.28	30.63	8.92	7.84	16.1	3.61	97.9
42	4/30/2010 0:46	10.78	47.65	30.90	8.95	7.85	10.0	3.66	98.2
43	4/30/2010 1:01	10.75	47.79	30.99	8.92	7.85	8.2	3.70	97.9
44	4/30/2010 1:16	10.74	47.82	31.02	8.83	7.84	6.5	3.71	97.0
45	4/30/2010 1:31	10.80	47.74	30.96	8.81	7.94	7.8	3.70	96.8
46	4/30/2010 1:46	10.80	47.63	30.88	8.82	7.94	8.1	3.68	96.8
47	4/30/2010 2:01	10.94	46.50	30.08	8.89	7.95	12.9	3.62	97.5
48	4/30/2010 2:16	10.91	46.60	30.15	8.90	7.95	11.0	3.54	97.5
49	4/30/2010 2:31	11.01	46.06	29.76	8.95	7.96	9.9	3.45	98.0
50	4/30/2010 2:46	11.30	45.09	29.08	8.96	7.96	8.4	3.32	98.3
51	4/30/2010 3:01	11.36	44.92	28.96	8.91	7.96	9.0	3.21	97.8
52	4/30/2010 3:16	11.38	44.74	28.84	8.86	7.95	9.3	3.10	97.3
53	4/30/2010 3:31	11.20	45.15	29.12	8.86	7.83	9.3	2.96	97.0

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	
54	4/30/2010 3:46	11.43	44.40	28.60	8.87	7.84	9.8	2.84	97.3
55	4/30/2010 4:01	11.59	43.68	28.09	8.93	7.85	9.5	2.69	98.0
56	4/30/2010 4:16	11.79	42.96	27.59	8.94	7.85	10.4	2.58	98.2
57	4/30/2010 4:31	12.03	42.46	27.24	8.92	7.97	10.2	2.44	98.3
58	4/30/2010 4:46	12.21	42.01	26.93	8.91	7.85	14.6	2.28	98.3
59	4/30/2010 5:01	12.08	41.96	26.89	8.87	7.97	12.6	2.13	97.6
60	4/30/2010 5:16	12.33	41.27	26.41	8.85	7.98	15.1	1.98	97.6
61	4/30/2010 5:31	12.12	41.26	26.39	8.81	7.86	14.9	1.83	96.8
62	4/30/2010 5:46	12.36	40.94	26.18	8.76	7.98	15.8	1.67	96.5
63	4/30/2010 6:01	12.43	40.41	25.81	8.75	7.87	18.5	1.50	96.4
64	4/30/2010 6:16	12.61	39.94	25.48	8.71	7.87	20.0	1.33	96.1
65	4/30/2010 6:31	12.66	39.88	25.44	8.67	7.98	17.8	1.20	95.7
66	4/30/2010 6:46	12.74	39.73	25.34	8.62	7.87	16.5	1.05	95.3
67	4/30/2010 7:01	12.76	39.75	25.35	8.57	7.87	17.5	0.89	94.7
68	4/30/2010 7:16	12.78	39.68	25.30	8.49	7.97	19.2	0.79	93.9
69	4/30/2010 7:31	12.73	39.66	25.28	8.57	7.97	14.5	0.75	94.7
70	4/30/2010 7:46	12.75	39.54	25.20	8.60	7.86	12.2	0.74	95.0
71	4/30/2010 8:01	12.73	39.73	25.34	8.58	7.97	10.7	0.77	94.8
72	4/30/2010 8:16	12.72	39.76	25.36	8.58	7.86	11.4	0.84	94.8
73	4/30/2010 8:31	12.72	39.98	25.51	8.61	7.96	12.0	0.93	95.2
74	4/30/2010 8:46	12.68	39.68	25.30	8.63	7.96	10.4	0.98	95.2
75	4/30/2010 9:01	12.69	39.69	25.31	8.61	7.96	8.4	1.07	95.0
76	4/30/2010 9:16	12.66	39.74	25.34	8.63	7.95	9.2	1.15	95.2
77	4/30/2010 9:31	12.64	39.78	25.36	8.61	7.95	9.0	1.19	95.0
78	4/30/2010 9:46	12.63	39.82	25.39	8.65	7.86	8.2	1.25	95.5
79	4/30/2010 10:01	12.63	39.92	25.47	8.65	7.96	8.6	1.36	95.5
80	4/30/2010 10:16	12.61	39.86	25.42	8.70	7.85	8.3	1.44	96.0
81	4/30/2010 10:31	12.57	39.71	25.32	8.74	7.95	8.1	1.53	96.2
82	4/30/2010 10:46	12.36	40.72	26.03	8.72	7.94	8.5	1.65	96.1
83	4/30/2010 11:01	12.27	40.75	26.04	8.79	7.94	8.7	1.75	96.6
84	4/30/2010 11:16	12.24	40.83	26.10	8.82	7.85	9.2	1.86	96.9
85	4/30/2010 11:31	12.22	40.83	26.09	8.84	7.85	10.8	1.96	97.1
86	4/30/2010 11:46	12.21	41.12	26.30	8.85	7.94	11.4	2.08	97.3
87	4/30/2010 12:01	12.14	41.38	26.48	8.87	7.94	9.3	2.19	97.5
88	4/30/2010 12:16	12.12	41.61	26.64	8.86	7.85	9.4	2.30	97.4
89	4/30/2010 12:31	12.21	41.60	26.64	8.90	7.85	9.0	2.40	98.1
90	4/30/2010 12:46	12.26	41.93	26.87	8.93	7.95	9.3	2.49	98.6
91	4/30/2010 13:01	11.93	42.67	27.39	8.86	7.94	16.5	2.57	97.5
92	4/30/2010 13:16	11.85	43.02	27.63	8.84	7.94	18.3	2.65	97.2
93	4/30/2010 13:31	11.72	43.40	27.90	8.87	7.84	21.1	2.73	97.5
94	4/30/2010 13:46	11.48	44.22	28.47	8.89	7.84	24.0	2.80	97.6
95	4/30/2010 14:01	11.40	44.74	28.84	8.97	7.94	18.6	2.85	98.5
96	4/30/2010 14:16	11.34	45.05	29.06	8.97	7.94	13.6	2.91	98.5
97	4/30/2010 14:31	11.42	45.02	29.04	8.98	7.94	9.0	2.95	98.8
98	4/30/2010 14:46	11.37	45.23	29.19	8.93	7.85	7.1	2.98	98.2
99	4/30/2010 15:01	11.39	45.28	29.22	8.68	7.93	7.7	2.99	95.5
100	4/30/2010 15:16	11.61	44.70	28.82	8.85	7.84	9.0	2.99	97.6
101	4/30/2010 15:31	11.93	44.68	28.82	9.05	7.97	11.0	2.97	100.5
102	4/30/2010 15:46	12.31	44.52	28.72	9.33	7.88	13.1	2.92	104.3
103	4/30/2010 16:01	12.39	44.05	28.39	9.32	7.88	13.8	2.86	104.3
104	4/30/2010 16:16	12.27	44.62	28.79	9.30	7.99	13.1	2.80	104.0
105	4/30/2010 16:31	12.62	43.57	28.05	9.30	7.88	17.2	2.73	104.2
106	4/30/2010 16:46	12.86	43.45	27.98	9.29	7.89	13.9	2.66	104.7

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	
107	4/30/2010 17:01	12.92	42.90	27.58	9.32	7.90	17.1	2.57	104.9
108	4/30/2010 17:16	12.90	42.71	27.45	9.33	8.02	18.0	2.48	104.8
109	4/30/2010 17:31	13.00	41.96	26.92	9.25	8.00	17.7	2.42	103.8
110	4/30/2010 17:46	13.07	41.64	26.70	9.19	8.00	15.4	2.34	103.2
111	4/30/2010 18:01	13.25	41.35	26.50	9.24	7.89	18.2	2.27	104.0
112	4/30/2010 18:16	13.31	41.32	26.47	9.20	8.00	18.2	2.21	103.6
113	4/30/2010 18:31	13.43	40.88	26.16	9.13	8.00	18.9	2.15	102.9
114	4/30/2010 18:46	13.46	40.70	26.04	9.07	7.88	18.4	2.10	102.2
115	4/30/2010 19:01	13.50	40.68	26.03	9.08	8.00	18.1	2.06	102.4
116	4/30/2010 19:16	13.56	40.64	26.00	8.97	7.99	16.1	2.01	101.3
117	4/30/2010 19:31	13.58	40.42	25.84	8.90	7.99	13.0	2.00	100.4
118	4/30/2010 19:46	13.51	40.48	25.88	8.94	7.87	10.3	1.99	100.7
119	4/30/2010 20:01	13.47	40.68	26.02	8.96	7.98	11.0	1.99	100.9
120	4/30/2010 20:16	13.45	40.56	25.94	9.02	7.88	11.4	2.02	101.6
121	4/30/2010 20:31	13.59	40.18	25.67	8.98	7.87	12.1	2.07	101.2
122	4/30/2010 20:46	13.39	40.74	26.06	8.97	7.97	12.6	2.10	101.0
123	4/30/2010 21:01	13.37	40.76	26.08	8.97	7.97	12.8	2.17	100.9
124	4/30/2010 21:16	13.47	40.16	25.66	9.00	7.87	13.9	2.24	101.2
125	4/30/2010 21:31	13.55	40.05	25.58	9.04	7.88	10.9	2.31	101.8
126	4/30/2010 21:46	13.38	40.58	25.95	9.03	7.87	11.5	2.39	101.6
127	4/30/2010 22:01	12.97	41.68	26.72	9.01	7.86	13.9	2.46	100.9
128	4/30/2010 22:16	12.81	42.22	27.10	8.96	7.96	12.3	2.54	100.3
129	4/30/2010 22:31	12.35	43.53	28.01	8.88	7.86	11.2	2.62	99.0
130	4/30/2010 22:46	12.08	44.39	28.62	8.82	7.94	9.3	2.70	98.1
131	4/30/2010 23:01	12.18	43.95	28.31	8.89	7.96	11.2	2.79	99.0
132	4/30/2010 23:16	11.84	45.03	29.06	8.76	7.85	10.1	2.86	97.3
133	4/30/2010 23:31	11.89	44.65	28.79	8.81	7.86	11.2	2.95	97.7
134	4/30/2010 23:46	11.76	44.92	28.99	8.81	7.85	10.2	3.04	97.5
135	5/1/2010 0:01	11.47	45.79	29.59	8.63	7.93	8.6	3.12	95.4
136	5/1/2010 0:16	11.02	47.38	30.71	8.40	7.91	10.6	3.20	92.5
137	5/1/2010 0:31	10.96	47.55	30.83	8.36	7.91	10.1	3.30	92.1
138	5/1/2010 0:46	10.86	47.66	30.90	8.33	7.91	15.9	3.36	91.6
139	5/1/2010 1:01	10.76	47.80	31.00	8.29	7.82	11.3	3.43	91.0
140	5/1/2010 1:16	10.69	48.02	31.15	8.25	7.91	9.6	3.48	90.5
141	5/1/2010 1:31	10.66	48.11	31.22	8.23	7.82	7.4	3.52	90.3
142	5/1/2010 1:46	10.67	48.29	31.35	8.13	7.91	5.1	3.54	89.3
143	5/1/2010 2:01	10.72	48.15	31.25	8.03	7.91	5.1	3.56	88.2
144	5/1/2010 2:16	10.72	48.02	31.15	8.03	7.90	5.0	3.53	88.2
145	5/1/2010 2:31	10.86	47.77	30.98	8.10	7.92	5.6	3.49	89.1
146	5/1/2010 2:46	11.20	46.50	30.09	8.30	7.93	9.2	3.44	91.5
147	5/1/2010 3:01	11.50	45.28	29.23	8.58	7.94	7.8	3.35	94.6
148	5/1/2010 3:16	11.63	44.90	28.96	8.56	7.95	7.2	3.27	94.6
149	5/1/2010 3:31	11.74	44.45	28.65	8.59	7.95	7.1	3.16	94.9
150	5/1/2010 3:46	11.72	44.69	28.82	8.57	7.94	7.4	3.03	94.8
151	5/1/2010 4:01	11.81	44.51	28.69	8.53	7.94	7.7	2.95	94.5
152	5/1/2010 4:16	11.86	44.19	28.47	8.55	7.83	7.4	2.83	94.6
153	5/1/2010 4:31	11.86	44.38	28.60	8.59	7.83	22.8	2.70	95.1
154	5/1/2010 4:46	11.93	44.07	28.39	8.53	7.93	11.5	2.59	94.5
155	5/1/2010 5:01	12.08	43.48	27.97	8.55	7.94	9.1	2.46	94.7
156	5/1/2010 5:16	12.26	42.87	27.54	8.54	7.83	8.9	2.33	94.7
157	5/1/2010 5:31	12.38	42.72	27.44	8.47	7.94	9.7	2.19	94.2
158	5/1/2010 5:46	12.52	42.41	27.22	8.44	7.94	12.2	2.05	93.9
159	5/1/2010 6:01	12.54	42.21	27.09	8.35	7.93	13.6	1.89	93.0

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	
160	5/1/2010 6:16	12.78	41.41	26.52	8.31	7.93	13.8	1.74	92.6
161	5/1/2010 6:31	12.86	41.40	26.52	8.25	7.82	12.8	1.59	92.1
162	5/1/2010 6:46	12.96	41.15	26.34	8.25	7.82	13.3	1.44	92.2
163	5/1/2010 7:01	13.11	40.73	26.05	8.23	7.82	14.4	1.30	92.1
164	5/1/2010 7:16	13.19	40.62	25.98	8.17	7.82	17.5	1.17	91.5
165	5/1/2010 7:31	13.25	40.46	25.86	8.09	7.93	14.5	1.05	90.7
166	5/1/2010 7:46	13.30	40.22	25.69	8.00	7.92	11.7	0.93	89.7
167	5/1/2010 8:01	13.31	40.18	25.67	7.84	7.81	8.7	0.83	87.9
168	5/1/2010 8:16	13.31	40.28	25.74	8.08	7.92	9.8	0.79	90.7
169	5/1/2010 8:31	13.22	40.40	25.82	8.14	7.82	10.2	0.80	91.2
170	5/1/2010 8:46	13.18	40.61	25.97	8.17	7.92	9.9	0.84	91.5
171	5/1/2010 9:01	13.18	40.55	25.93	8.22	7.82	9.2	0.89	92.0
172	5/1/2010 9:16	13.21	40.71	26.04	8.22	7.92	8.7	0.96	92.2
173	5/1/2010 9:31	13.27	40.71	26.04	8.28	7.93	8.1	1.02	93.0
174	5/1/2010 9:46	13.26	40.24	25.71	8.26	7.92	8.7	1.08	92.5
175	5/1/2010 10:01	13.21	40.37	25.80	8.26	7.82	8.4	1.13	92.5
176	5/1/2010 10:16	13.18	40.33	25.77	8.28	7.92	8.9	1.21	92.6
177	5/1/2010 10:31	13.14	40.41	25.82	8.24	7.82	8.5	1.27	92.1
178	5/1/2010 10:46	13.11	40.56	25.93	8.23	7.91	8.1	1.35	92.0
179	5/1/2010 11:01	13.10	40.47	25.87	8.22	7.82	8.1	1.44	91.8
180	5/1/2010 11:16	12.86	41.16	26.35	8.27	7.82	7.7	1.52	92.2
181	5/1/2010 11:31	12.75	41.61	26.67	8.30	7.91	8.2	1.63	92.5
182	5/1/2010 11:46	12.71	41.50	26.59	8.40	7.92	8.7	1.73	93.5
183	5/1/2010 12:01	12.51	42.27	27.12	8.46	7.83	8.5	1.83	94.1
184	5/1/2010 12:16	12.43	42.50	27.28	8.49	7.93	8.2	1.94	94.4
185	5/1/2010 12:31	12.43	42.57	27.33	8.51	7.84	8.6	2.05	94.6
186	5/1/2010 12:46	12.41	42.84	27.53	8.51	7.93	8.2	2.14	94.7
187	5/1/2010 13:01	12.55	42.59	27.35	8.60	7.84	7.7	2.25	95.8
188	5/1/2010 13:16	12.23	43.48	27.98	8.53	7.92	10.4	2.33	94.8
189	5/1/2010 13:31	12.20	43.67	28.11	8.51	7.93	11.2	2.42	94.6
190	5/1/2010 13:46	12.14	43.73	28.15	8.51	7.93	14.5	2.50	94.5
191	5/1/2010 14:01	12.10	43.90	28.27	8.52	7.83	12.6	2.57	94.6
192	5/1/2010 14:16	12.00	44.13	28.43	8.51	7.92	13.3	2.64	94.5
193	5/1/2010 14:31	11.88	44.52	28.70	8.48	7.92	13.8	2.71	94.0
194	5/1/2010 14:46	12.16	44.46	28.67	8.57	7.83	7.1	2.76	95.5
195	5/1/2010 15:01	11.68	45.21	29.19	8.41	7.83	8.2	2.81	93.1
196	5/1/2010 15:16	11.58	45.57	29.44	8.37	7.82	8.2	2.86	92.6
197	5/1/2010 15:31	11.56	45.97	29.73	8.26	7.91	5.9	2.89	91.5
198	5/1/2010 15:46	11.62	45.72	29.55	8.28	7.92	6.3	2.89	91.8
199	5/1/2010 16:01	12.34	44.85	28.95	8.48	7.84	6.2	2.92	95.1
200	5/1/2010 16:16	11.89	45.46	29.38	8.42	7.93	6.5	2.88	93.8
201	5/1/2010 16:31	12.12	45.32	29.28	8.51	7.95	8.7	2.83	95.2
202	5/1/2010 16:46	12.60	44.80	28.93	9.02	7.99	10.4	2.80	101.7
203	5/1/2010 17:01	12.49	44.89	28.99	9.06	7.88	10.2	2.75	101.9
204	5/1/2010 17:16	12.50	44.99	29.06	9.09	7.99	9.9	2.66	102.3
205	5/1/2010 17:31	12.72	44.75	28.90	9.16	8.01	11.4	2.60	103.5
206	5/1/2010 17:46	13.24	43.87	28.29	9.06	8.02	9.0	2.54	103.1
207	5/1/2010 18:01	13.22	43.37	27.93	9.17	7.91	11.2	2.48	104.0
208	5/1/2010 18:16	13.15	43.39	27.94	9.15	8.03	11.5	2.41	103.6
209	5/1/2010 18:31	13.26	42.82	27.54	9.20	7.92	12.4	2.34	104.2
210	5/1/2010 18:46	13.24	42.84	27.55	9.20	7.92	11.3	2.29	104.2
211	5/1/2010 19:01	13.31	42.35	27.20	9.14	7.91	12.3	2.22	103.4
212	5/1/2010 19:16	13.34	42.35	27.20	9.24	7.93	12.6	2.17	104.7

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	
213	5/1/2010 19:31	13.37	42.21	27.11	9.10	8.02	12.1	2.13	103.0
214	5/1/2010 19:46	13.45	41.88	26.87	9.02	8.01	12.1	2.10	102.2
215	5/1/2010 20:01	13.43	41.63	26.70	9.01	7.91	10.6	2.06	101.9
216	5/1/2010 20:16	13.46	41.94	26.91	8.54	7.99	6.7	2.06	96.7
217	5/1/2010 20:31	13.51	41.79	26.81	8.73	7.98	7.4	2.07	99.0
218	5/1/2010 20:46	13.58	41.56	26.65	8.77	7.99	7.7	2.06	99.5
219	5/1/2010 21:01	13.64	41.33	26.49	8.85	7.88	6.7	2.09	100.4
220	5/1/2010 21:16	13.61	41.35	26.50	8.97	7.89	9.1	2.14	101.7
221	5/1/2010 21:31	13.40	41.95	26.92	8.92	7.99	8.7	2.17	101.0
222	5/1/2010 21:46	13.39	41.96	26.93	8.91	7.99	7.9	2.20	100.8
223	5/1/2010 22:01	13.32	42.16	27.07	8.93	7.99	7.6	2.28	101.0
224	5/1/2010 22:16	13.39	41.81	26.83	8.93	7.88	8.1	2.34	101.0
225	5/1/2010 22:31	13.22	42.41	27.25	8.87	7.98	8.9	2.39	100.2
226	5/1/2010 22:46	12.93	43.34	27.90	8.82	7.97	8.4	2.46	99.5
227	5/1/2010 23:01	12.75	43.65	28.11	8.76	7.96	7.6	2.53	98.5
228	5/1/2010 23:16	12.56	44.19	28.49	8.69	7.95	7.9	2.60	97.6
229	5/1/2010 23:31	12.21	45.19	29.19	8.60	7.94	7.6	2.66	96.3
230	5/1/2010 23:46	11.84	46.06	29.80	8.52	7.92	6.7	2.74	95.0
231	5/2/2010 0:01	11.91	45.86	29.67	8.57	7.93	8.5	2.82	95.7
232	5/2/2010 0:16	11.76	46.11	29.83	8.54	7.93	7.6	2.88	95.1
233	5/2/2010 0:31	11.60	46.47	30.09	8.44	7.83	6.8	2.97	93.8
234	5/2/2010 0:46	11.56	46.53	30.13	8.43	7.92	7.0	3.04	93.7
235	5/2/2010 1:01	11.34	46.96	30.42	8.34	7.82	5.6	3.11	92.4
236	5/2/2010 1:16	11.22	47.38	30.72	8.29	7.90	5.6	3.19	91.7
237	5/2/2010 1:31	11.05	47.67	30.92	8.21	7.89	5.0	3.24	90.7
238	5/2/2010 1:46	10.97	47.80	31.01	8.18	7.89	4.6	3.28	90.3
239	5/2/2010 2:01	10.88	47.94	31.10	8.13	7.89	4.8	3.32	89.5
240	5/2/2010 2:16	10.87	48.06	31.19	8.10	7.89	4.5	3.36	89.3
241	5/2/2010 2:31	11.03	47.55	30.84	8.05	7.89	3.8	3.36	88.8
242	5/2/2010 2:46	10.96	47.76	30.98	7.82	7.88	4.8	3.35	86.2
243	5/2/2010 3:01	11.30	46.78	30.30	8.23	7.91	5.2	3.36	91.0
244	5/2/2010 3:16	11.41	46.19	29.88	8.51	7.93	8.9	3.30	94.1
245	5/2/2010 3:31	11.42	46.13	29.83	8.49	7.93	8.9	3.23	93.9
246	5/2/2010 3:46	11.35	46.18	29.87	8.50	7.92	7.1	3.17	93.9
247	5/2/2010 4:01	11.26	46.36	29.99	8.47	7.92	7.3	3.10	93.5
248	5/2/2010 4:16	11.51	45.65	29.50	8.52	7.93	7.4	3.00	94.2
249	5/2/2010 4:31	11.63	45.73	29.56	8.42	7.82	11.4	2.89	93.3
250	5/2/2010 4:46	11.82	44.90	28.97	8.52	7.94	8.2	2.81	94.4
251	5/2/2010 5:01	11.92	44.63	28.78	8.55	7.95	8.8	2.69	94.9
252	5/2/2010 5:16	12.20	44.09	28.41	8.56	7.95	10.7	2.58	95.3
253	5/2/2010 5:31	12.19	43.95	28.31	8.55	7.95	12.0	2.48	95.2
254	5/2/2010 5:46	12.26	43.55	28.02	8.51	7.84	8.6	2.36	94.6
255	5/2/2010 6:01	12.18	43.69	28.12	8.49	7.94	8.5	2.23	94.3
256	5/2/2010 6:16	12.20	43.26	27.81	8.47	7.84	8.4	2.12	94.0
257	5/2/2010 6:31	12.39	42.94	27.59	8.43	7.94	10.1	1.98	93.8
258	5/2/2010 6:46	12.76	42.11	27.02	8.37	7.84	11.1	1.83	93.5
259	5/2/2010 7:01	12.90	41.81	26.81	8.36	7.85	12.8	1.70	93.6
260	5/2/2010 7:16	12.98	41.80	26.80	8.32	7.96	11.7	1.58	93.3
261	5/2/2010 7:31	13.07	41.48	26.58	8.31	7.96	11.7	1.44	93.2
262	5/2/2010 7:46	13.23	41.19	26.38	8.23	7.85	12.8	1.30	92.6
263	5/2/2010 8:01	13.35	41.05	26.28	8.13	7.96	13.8	1.19	91.6
264	5/2/2010 8:16	13.42	41.03	26.27	8.06	7.96	12.5	1.10	90.9
265	5/2/2010 8:31	13.45	40.92	26.19	7.99	7.85	11.4	1.00	90.1

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	
266	5/2/2010 8:46	13.49	40.83	26.13	7.99	7.95	11.3	0.93	90.1
267	5/2/2010 9:01	13.50	40.91	26.19	8.06	7.96	13.0	0.90	91.0
268	5/2/2010 9:16	13.31	41.24	26.42	8.14	7.95	10.9	0.92	91.6
269	5/2/2010 9:31	13.31	41.28	26.44	8.15	7.95	9.6	0.92	91.7
270	5/2/2010 9:46	13.32	41.31	26.47	8.17	7.95	9.3	0.96	92.0
271	5/2/2010 10:01	13.39	41.26	26.43	8.23	7.96	9.6	1.04	92.8
272	5/2/2010 10:16	13.45	41.20	26.39	8.26	7.86	8.9	1.07	93.2
273	5/2/2010 10:31	13.43	41.29	26.46	8.25	7.96	9.0	1.14	93.2
274	5/2/2010 10:46	13.50	40.84	26.14	8.33	7.96	9.3	1.21	94.0
275	5/2/2010 11:01	13.42	40.99	26.25	8.24	7.95	8.5	1.25	92.9
276	5/2/2010 11:16	13.36	40.99	26.24	8.25	7.85	8.6	1.33	92.9
277	5/2/2010 11:31	13.33	40.82	26.12	8.22	7.85	7.8	1.39	92.5
278	5/2/2010 11:46	13.28	41.25	26.42	8.18	7.85	7.8	1.46	92.1
279	5/2/2010 12:01	13.00	41.83	26.83	8.17	7.93	7.3	1.55	91.7
280	5/2/2010 12:16	12.71	42.65	27.40	8.26	7.93	7.8	1.65	92.5
281	5/2/2010 12:31	12.75	42.52	27.31	8.33	7.84	10.8	1.71	93.3
282	5/2/2010 12:46	12.61	42.97	27.63	8.36	7.85	9.5	1.82	93.5
283	5/2/2010 13:01	12.36	43.75	28.17	8.36	7.93	9.0	1.93	93.3
284	5/2/2010 13:16	12.33	43.78	28.19	8.37	7.93	7.0	2.02	93.4
285	5/2/2010 13:31	12.62	43.23	27.81	8.52	7.94	6.4	2.11	95.3
286	5/2/2010 13:46	12.47	43.48	27.98	8.47	7.85	6.7	2.21	94.6
287	5/2/2010 14:01	12.50	43.76	28.19	8.47	7.93	6.3	2.29	94.9
288	5/2/2010 14:16	12.76	43.45	27.97	8.58	7.94	6.8	2.37	96.4
289	5/2/2010 14:31	12.77	43.69	28.14	8.60	7.94	6.3	2.44	96.9
290	5/2/2010 14:46	12.73	43.61	28.09	8.61	7.94	5.9	2.51	96.9
291	5/2/2010 15:01	12.64	43.88	28.27	8.59	7.94	5.5	2.57	96.5
292	5/2/2010 15:16	12.40	44.44	28.66	8.52	7.93	5.6	2.62	95.5
293	5/2/2010 15:31	12.38	44.80	28.92	8.54	7.93	6.0	2.68	95.8
294	5/2/2010 15:46	12.20	45.01	29.07	8.51	7.92	5.5	2.74	95.2
295	5/2/2010 16:01	11.99	45.30	29.27	8.44	7.82	5.4	2.77	94.2
296	5/2/2010 16:16	12.07	45.33	29.29	8.41	7.82	4.4	2.79	93.9
297	5/2/2010 16:31	11.77	45.67	29.52	8.21	7.81	4.2	2.82	91.3
298	5/2/2010 16:46	11.76	45.98	29.75	7.95	7.89	4.6	2.82	88.5
299	5/2/2010 17:01	12.34	45.04	29.09	8.51	7.83	4.9	2.82	95.5
300	5/2/2010 17:16	12.28	45.07	29.11	8.41	7.93	4.3	2.78	94.3
301	5/2/2010 17:31	12.46	44.98	29.05	8.48	7.95	5.2	2.76	95.4
302	5/2/2010 17:46	13.11	44.89	29.01	9.25	8.02	6.0	2.71	105.5
303	5/2/2010 18:01	13.00	44.83	28.97	9.26	8.01	5.7	2.65	105.2
304	5/2/2010 18:16	13.04	44.62	28.82	9.33	7.91	6.8	2.58	106.1
305	5/2/2010 18:31	13.04	44.31	28.60	9.34	7.91	7.1	2.52	106.0
306	5/2/2010 18:46	13.19	44.29	28.58	9.30	7.92	8.4	2.47	105.8
307	5/2/2010 19:01	13.34	43.67	28.15	9.39	7.94	7.7	2.40	107.0
308	5/2/2010 19:16	13.39	43.97	28.36	9.42	7.95	7.6	2.34	107.6
309	5/2/2010 19:31	13.45	43.67	28.15	9.40	8.06	7.4	2.29	107.3
310	5/2/2010 19:46	13.47	43.50	28.03	9.37	8.06	7.0	2.25	106.9
311	5/2/2010 20:01	13.46	43.36	27.93	9.37	8.06	6.5	2.20	106.8
312	5/2/2010 20:16	13.43	43.26	27.86	9.37	7.96	6.4	2.16	106.7
313	5/2/2010 20:31	13.45	43.08	27.73	9.06	8.04	5.2	2.15	103.1
314	5/2/2010 20:46	13.52	42.78	27.52	8.82	8.02	3.1	2.13	100.5
315	5/2/2010 21:01	13.57	42.75	27.50	8.88	8.03	5.1	2.10	101.3
316	5/2/2010 21:16	13.61	42.71	27.47	8.47	8.00	4.3	2.12	96.6
317	5/2/2010 21:31	13.63	42.47	27.30	8.97	8.02	5.2	2.15	102.3
318	5/2/2010 21:46	13.64	42.37	27.22	8.90	8.02	5.1	2.15	101.4

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	
319	5/2/2010 22:01	13.43	43.01	27.68	9.10	7.92	4.6	2.17	103.5
320	5/2/2010 22:16	13.52	42.72	27.47	9.20	8.03	5.1	2.22	104.7
321	5/2/2010 22:31	13.42	43.09	27.74	9.09	8.02	5.1	2.26	103.5
322	5/2/2010 22:46	13.44	42.93	27.62	9.08	8.01	4.6	2.30	103.3
323	5/2/2010 23:01	13.36	43.21	27.82	9.04	8.01	5.0	2.35	102.8
324	5/2/2010 23:16	13.12	43.89	28.30	8.98	7.99	5.4	2.41	102.0
325	5/2/2010 23:31	12.78	44.61	28.80	8.82	7.93	4.8	2.46	99.8
326	5/2/2010 23:46	12.65	44.96	29.05	8.75	7.92	5.2	2.52	98.7
327	5/3/2010 0:01	12.48	45.22	29.23	8.67	7.94	4.8	2.58	97.7
328	5/3/2010 0:16	12.23	45.83	29.65	8.62	7.93	5.1	2.63	96.8
329	5/3/2010 0:31	12.01	46.11	29.84	8.60	7.92	4.8	2.69	96.3
330	5/3/2010 0:46	11.78	46.67	30.24	8.52	7.83	4.8	2.75	95.1
331	5/3/2010 1:01	11.65	47.16	30.58	8.46	7.91	4.9	2.81	94.5
332	5/3/2010 1:16	11.57	47.29	30.68	8.44	7.90	5.1	2.86	94.1
333	5/3/2010 1:31	11.39	47.54	30.84	8.31	7.89	4.6	2.93	92.4
334	5/3/2010 1:46	11.31	47.71	30.97	8.23	7.89	4.8	2.99	91.4
335	5/3/2010 2:01	11.32	47.61	30.89	8.17	7.89	4.5	3.04	90.8
336	5/3/2010 2:16	11.26	47.63	30.91	8.06	7.80	4.2	3.10	89.4
337	5/3/2010 2:31	10.97	48.01	31.17	7.95	7.79	4.0	3.13	87.8
338	5/3/2010 2:46	10.69	48.80	31.71	7.66	7.84	4.2	3.17	84.3
339	5/3/2010 3:01	10.58	49.04	31.88	7.49	7.83	3.1	3.20	82.4
340	5/3/2010 3:16	10.96	48.42	31.45	7.72	7.86	3.4	3.20	85.4
341	5/3/2010 3:31	10.95	48.15	31.26	7.50	7.85	3.0	3.21	82.8
342	5/3/2010 3:46	11.34	47.34	30.70	7.92	7.89	3.4	3.20	87.9
343	5/3/2010 4:01	10.95	48.20	31.30	7.61	7.86	3.3	3.17	84.1
344	5/3/2010 4:16	12.24	44.59	28.77	8.35	7.94	5.1	3.11	93.3
345	5/3/2010 4:31	12.11	44.81	28.92	8.10	7.92	4.8	3.04	90.4
346	5/3/2010 4:46	11.65	46.36	30.01	8.05	7.86	4.4	2.98	89.6
347	5/3/2010 5:01	11.68	46.26	29.94	8.04	7.89	5.4	2.88	89.5
348	5/3/2010 5:16	12.00	45.46	29.38	8.22	7.82	6.0	2.80	91.7
349	5/3/2010 5:31	12.11	45.10	29.13	8.31	7.93	6.1	2.69	92.8
350	5/3/2010 5:46	12.13	45.20	29.20	8.34	7.93	5.5	2.62	93.2
351	5/3/2010 6:01	12.22	44.96	29.03	8.34	7.93	4.9	2.52	93.3
352	5/3/2010 6:16	12.20	45.09	29.12	8.32	7.93	5.1	2.40	93.1
353	5/3/2010 6:31	12.44	44.42	28.65	8.34	7.94	7.2	2.29	93.5
354	5/3/2010 6:46	12.69	43.97	28.34	8.29	7.95	6.2	2.20	93.3
355	5/3/2010 7:01	12.52	44.10	28.43	8.27	7.94	5.6	2.08	92.7
356	5/3/2010 7:16	12.71	43.62	28.09	8.28	7.95	5.4	1.95	93.1
357	5/3/2010 7:31	12.80	43.21	27.80	8.28	7.96	5.3	1.83	93.1
358	5/3/2010 7:46	13.04	42.82	27.53	8.24	7.87	5.3	1.71	93.0
359	5/3/2010 8:01	13.29	42.38	27.22	8.25	7.89	5.9	1.59	93.3
360	5/3/2010 8:16	13.34	42.50	27.31	8.30	8.00	6.2	1.46	94.1
361	5/3/2010 8:31	13.48	42.13	27.05	8.22	8.01	5.5	1.36	93.2
362	5/3/2010 8:46	13.54	42.13	27.06	8.16	8.00	5.2	1.27	92.7
363	5/3/2010 9:01	13.56	42.06	27.00	8.16	8.00	4.6	1.19	92.7
364	5/3/2010 9:16	13.56	41.96	26.93	8.03	7.99	3.9	1.13	91.2
365	5/3/2010 9:31	13.56	41.90	26.89	7.87	7.98	2.7	1.09	89.3
366	5/3/2010 9:46	13.69	41.85	26.86	7.99	8.00	4.8	1.07	91.0
367	5/3/2010 10:01	13.74	42.10	27.04	8.36	8.01	4.6	1.07	95.3
368	5/3/2010 10:16	13.79	41.98	26.95	8.37	8.01	4.0	1.08	95.5
369	5/3/2010 10:31	13.83	42.22	27.13	8.41	8.00	4.5	1.10	96.2
370	5/3/2010 10:46	13.87	41.76	26.80	8.44	7.91	4.2	1.16	96.3
371	5/3/2010 11:01	13.67	42.41	27.26	8.30	7.99	4.3	1.19	94.7

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	
372	5/3/2010 11:16	13.87	41.67	26.73	8.44	8.00	4.4	1.24	96.3
373	5/3/2010 11:31	13.49	42.45	27.28	8.23	7.97	4.4	1.30	93.5
374	5/3/2010 11:46	13.48	42.54	27.34	8.20	7.97	4.2	1.35	93.3
375	5/3/2010 12:01	13.43	42.25	27.14	8.25	7.97	4.4	1.42	93.6
376	5/3/2010 12:16	13.28	42.78	27.51	8.15	7.95	4.5	1.47	92.4
377	5/3/2010 12:31	13.25	42.62	27.40	8.19	7.86	4.0	1.54	92.7
378	5/3/2010 12:46	13.19	42.55	27.34	8.22	7.86	4.5	1.62	92.9
379	5/3/2010 13:01	12.97	43.25	27.83	8.16	7.94	4.6	1.69	92.1
380	5/3/2010 13:16	12.84	43.43	27.96	8.21	7.94	4.3	1.78	92.4
381	5/3/2010 13:31	12.73	43.76	28.19	8.27	7.85	4.9	1.85	93.0
382	5/3/2010 13:46	12.79	43.85	28.26	8.37	7.95	4.7	1.95	94.3
383	5/3/2010 14:01	12.68	43.86	28.26	8.45	7.95	4.9	2.04	95.0
384	5/3/2010 14:16	12.67	44.10	28.43	8.49	7.95	4.4	2.12	95.5
385	5/3/2010 14:31	12.51	44.37	28.62	8.42	7.94	4.2	2.21	94.5
386	5/3/2010 14:46	12.37	44.91	29.00	8.35	7.93	4.2	2.28	93.7
387	5/3/2010 15:01	12.50	44.67	28.83	8.42	7.85	4.1	2.36	94.7
388	5/3/2010 15:16	12.42	45.00	29.07	8.37	7.93	4.0	2.42	94.1
389	5/3/2010 15:31	12.55	45.05	29.10	8.41	7.93	3.7	2.48	94.8
390	5/3/2010 15:46	12.51	45.06	29.11	8.43	7.93	3.7	2.54	95.0
391	5/3/2010 16:01	12.51	45.31	29.29	8.39	7.83	3.4	2.59	94.6
392	5/3/2010 16:16	12.23	45.69	29.55	8.33	7.92	3.4	2.65	93.6
393	5/3/2010 16:31	12.09	45.64	29.51	8.17	7.82	3.1	2.69	91.4
394	5/3/2010 16:46	11.96	46.06	29.81	8.07	7.90	3.2	2.74	90.3
395	5/3/2010 17:01	11.87	46.02	29.78	8.00	7.81	2.5	2.76	89.2
396	5/3/2010 17:16	11.84	46.22	29.92	7.76	7.79	2.6	2.78	86.7
397	5/3/2010 17:31	11.91	46.16	29.88	7.70	7.87	2.9	2.79	86.0
398	5/3/2010 17:46	12.48	45.63	29.52	8.32	7.93	3.1	2.77	93.9
399	5/3/2010 18:01	12.21	45.90	29.70	8.23	7.91	3.1	2.75	92.4
400	5/3/2010 18:16	13.02	45.44	29.40	8.83	7.99	8.7	2.73	100.7
401	5/3/2010 18:31	13.03	45.47	29.42	9.03	8.00	8.9	2.67	103.1
402	5/3/2010 18:46	12.77	45.42	29.38	8.81	7.98	8.4	2.63	99.9
403	5/3/2010 19:01	12.81	45.38	29.35	9.06	7.90	9.8	2.58	102.8
404	5/3/2010 19:16	12.78	45.24	29.25	9.08	8.00	9.6	2.52	102.9
405	5/3/2010 19:31	12.75	45.03	29.10	9.10	7.91	10.6	2.46	103.0
406	5/3/2010 19:46	12.85	44.73	28.89	8.99	7.90	10.8	2.40	101.8
407	5/3/2010 20:01	12.95	44.41	28.66	9.03	7.91	12.1	2.37	102.3
408	5/3/2010 20:16	12.89	44.39	28.65	9.06	7.93	12.1	2.31	102.6
409	5/3/2010 20:31	12.91	44.07	28.42	9.03	7.92	12.2	2.27	102.1
410	5/3/2010 20:46	12.90	43.99	28.36	8.98	7.94	12.6	2.23	101.5
411	5/3/2010 21:01	12.99	43.82	28.24	8.88	8.01	11.3	2.21	100.5
412	5/3/2010 21:16	13.13	43.72	28.18	8.68	7.90	7.3	2.19	98.5
413	5/3/2010 21:31	13.04	43.73	28.18	8.56	7.90	7.6	2.16	96.9
414	5/3/2010 21:46	13.06	43.75	28.19	8.23	7.98	4.3	2.15	93.2
415	5/3/2010 22:01	13.16	43.67	28.14	7.98	7.95	4.4	2.16	90.5
416	5/3/2010 22:16	13.23	43.39	27.95	7.86	7.93	4.8	2.16	89.2
417	5/3/2010 22:31	13.32	43.33	27.90	8.26	7.98	6.2	2.16	93.9
418	5/3/2010 22:46	13.26	43.29	27.87	8.67	8.01	6.6	2.18	98.5
419	5/3/2010 23:01	13.32	43.04	27.70	8.74	7.92	6.1	2.21	99.3
420	5/3/2010 23:16	13.30	43.20	27.81	8.87	8.02	6.9	2.24	100.7
421	5/3/2010 23:31	13.19	43.28	27.87	8.81	8.01	6.7	2.26	99.8
422	5/3/2010 23:46	12.99	44.13	28.46	8.67	7.98	5.6	2.29	98.2
423	5/4/2010 0:01	13.06	43.72	28.18	8.77	7.90	5.9	2.34	99.4
424	5/4/2010 0:16	12.88	44.49	28.72	8.65	7.96	5.6	2.38	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		
425	5/4/2010 0:31	12.74	44.76	28.91	8.57	7.95	5.2	2.42	96.9
426	5/4/2010 0:46	12.60	45.14	29.18	8.55	7.86	5.2	2.48	96.5
427	5/4/2010 1:01	12.37	45.72	29.58	8.36	7.93	4.7	2.53	94.1
428	5/4/2010 1:16	12.22	45.96	29.75	8.28	7.92	4.6	2.57	93.1
429	5/4/2010 1:31	12.07	46.02	29.78	8.19	7.83	4.7	2.62	91.8
430	5/4/2010 1:46	12.07	46.29	29.98	8.24	7.92	4.2	2.66	92.4
431	5/4/2010 2:01	11.98	46.43	30.08	8.18	7.91	4.3	2.72	91.6
432	5/4/2010 2:16	11.83	46.57	30.17	8.21	7.91	4.3	2.76	91.7
433	5/4/2010 2:31	11.84	46.68	30.25	8.16	7.91	3.8	2.80	91.3
434	5/4/2010 2:46	11.69	47.10	30.54	8.06	7.90	3.7	2.85	90.0
435	5/4/2010 3:01	11.68	47.01	30.48	8.01	7.90	4.0	2.90	89.4
436	5/4/2010 3:16	11.86	46.56	30.16	8.14	7.92	3.9	2.93	91.0
437	5/4/2010 3:31	11.81	46.45	30.08	8.13	7.92	3.2	2.97	90.8
438	5/4/2010 3:46	11.64	46.89	30.39	8.07	7.91	3.0	2.99	90.0
439	5/4/2010 4:01	11.59	46.70	30.25	8.00	7.90	3.1	3.01	89.0
440	5/4/2010 4:16	11.56	46.80	30.32	7.95	7.81	2.3	3.02	88.4
441	5/4/2010 4:31	11.50	47.51	30.83	7.48	7.86	2.2	3.01	83.3
442	5/4/2010 4:46	11.67	46.81	30.33	7.67	7.90	2.7	2.99	85.5
443	5/4/2010 5:01	12.13	44.45	28.66	8.29	7.99	6.5	2.96	92.4
444	5/4/2010 5:16	12.04	44.31	28.56	8.33	7.87	5.4	2.90	92.6
445	5/4/2010 5:31	11.72	45.49	29.39	8.08	7.85	4.8	2.83	89.7
446	5/4/2010 5:46	11.58	46.40	30.04	7.83	7.82	5.3	2.77	87.0
447	5/4/2010 6:01	11.92	45.17	29.17	8.23	7.94	5.6	2.70	91.6
448	5/4/2010 6:16	11.75	45.38	29.31	8.12	7.92	5.5	2.61	90.1
449	5/4/2010 6:31	11.89	44.92	28.98	8.27	7.95	4.5	2.53	91.8
450	5/4/2010 6:46	12.06	45.30	29.27	8.09	7.93	5.1	2.45	90.3
451	5/4/2010 7:01	12.07	44.41	28.63	8.32	7.87	4.8	2.37	92.5
452	5/4/2010 7:16	12.25	44.53	28.72	8.31	7.95	6.1	2.26	92.8
453	5/4/2010 7:31	12.25	44.16	28.46	8.34	7.97	5.9	2.16	93.0
454	5/4/2010 7:46	12.12	44.24	28.51	8.44	7.97	4.8	2.07	93.9
455	5/4/2010 8:01	12.22	44.16	28.46	8.49	7.98	5.0	1.97	94.6
456	5/4/2010 8:16	12.29	44.01	28.35	8.51	8.00	5.2	1.85	94.9
457	5/4/2010 8:31	12.45	43.74	28.17	8.72	8.03	5.1	1.75	97.5
458	5/4/2010 8:46	12.65	43.49	28.00	8.63	8.04	5.2	1.65	96.8
459	5/4/2010 9:01	12.73	43.26	27.83	8.72	8.05	4.9	1.56	97.9
460	5/4/2010 9:16	12.72	43.56	28.05	8.39	8.02	4.2	1.48	94.3
461	5/4/2010 9:31	12.78	43.26	27.84	8.39	8.02	4.3	1.39	94.3
462	5/4/2010 9:46	12.76	43.45	27.97	8.13	7.99	3.4	1.32	91.4
463	5/4/2010 10:01	12.78	43.36	27.91	8.27	7.92	3.7	1.28	93.0
464	5/4/2010 10:16	12.80	43.18	27.78	8.15	7.99	3.3	1.24	91.6
465	5/4/2010 10:31	12.83	43.14	27.76	7.92	7.99	2.7	1.21	89.1
466	5/4/2010 10:46	12.96	43.06	27.70	8.52	7.93	3.8	1.21	96.0
467	5/4/2010 11:01	13.02	43.16	27.77	8.57	7.94	3.7	1.21	96.7
468	5/4/2010 11:16	13.10	43.21	27.81	8.61	8.02	3.8	1.23	97.4
469	5/4/2010 11:31	13.11	43.09	27.73	8.60	8.03	3.8	1.26	97.3
470	5/4/2010 11:46	13.19	43.25	27.84	8.59	8.02	3.5	1.29	97.4
471	5/4/2010 12:01	12.97	43.41	27.95	8.55	8.01	3.5	1.33	96.5
472	5/4/2010 12:16	12.69	43.52	28.02	8.29	7.98	3.2	1.38	93.0
473	5/4/2010 12:31	12.77	43.60	28.08	8.32	7.90	3.0	1.41	93.6
474	5/4/2010 12:46	12.79	43.60	28.08	8.29	7.90	3.4	1.46	93.3
475	5/4/2010 13:01	13.14	43.42	27.96	8.59	8.01	3.9	1.52	97.4
476	5/4/2010 13:16	12.99	43.47	27.99	8.45	8.00	3.7	1.58	95.5
477	5/4/2010 13:31	12.75	43.86	28.26	8.27	7.98	3.3	1.64	93.1

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		
478	5/4/2010 13:46	12.53	43.99	28.35	8.19	7.96	3.4	1.71	91.8
479	5/4/2010 14:01	12.38	44.57	28.76	8.09	7.94	3.6	1.78	90.7
480	5/4/2010 14:16	12.25	44.82	28.93	8.16	7.94	3.4	1.86	91.3
481	5/4/2010 14:31	12.27	44.87	28.97	8.20	7.94	3.7	1.94	91.8
482	5/4/2010 14:46	12.14	45.22	29.21	8.20	7.94	3.7	2.01	91.6
483	5/4/2010 15:01	12.10	45.29	29.26	8.17	7.93	3.5	2.09	91.4
484	5/4/2010 15:16	12.04	45.43	29.36	8.15	7.86	3.5	2.17	91.0
485	5/4/2010 15:31	12.08	45.75	29.59	8.23	7.93	3.7	2.23	92.2
486	5/4/2010 15:46	12.07	45.47	29.39	8.24	7.86	3.2	2.31	92.1
487	5/4/2010 16:01	12.05	45.79	29.62	8.27	7.93	3.5	2.37	92.5
488	5/4/2010 16:16	12.10	45.89	29.69	8.29	7.93	3.6	2.44	92.9
489	5/4/2010 16:31	12.04	46.06	29.81	8.19	7.92	3.3	2.49	91.7
490	5/4/2010 16:46	11.88	46.16	29.88	8.03	7.91	2.9	2.54	89.7
491	5/4/2010 17:01	11.83	46.44	30.07	7.98	7.90	2.7	2.60	89.1
492	5/4/2010 17:16	11.89	46.15	29.87	8.00	7.84	2.7	2.63	89.4
493	5/4/2010 17:31	11.92	46.27	29.96	8.00	7.84	3.0	2.67	89.5
494	5/4/2010 17:46	12.12	46.14	29.87	8.15	7.92	3.0	2.70	91.5
495	5/4/2010 18:01	11.97	46.45	30.09	8.05	7.91	2.7	2.73	90.2
496	5/4/2010 18:16	11.97	46.24	29.94	7.71	7.81	2.1	2.74	86.3
497	5/4/2010 18:31	11.72	46.77	30.31	7.30	7.84	1.3	2.75	81.4
498	5/4/2010 18:46	11.96	46.48	30.11	7.20	7.87	1.8	2.75	80.6
499	5/4/2010 19:01	12.12	46.45	30.09	7.86	7.91	2.3	2.73	88.4
500	5/4/2010 19:16	12.15	46.25	29.95	8.04	7.93	2.9	2.70	90.3
501	5/4/2010 19:31	12.36	45.99	29.77	8.63	7.98	4.2	2.68	97.3
502	5/4/2010 19:46	12.26	46.05	29.81	9.04	7.99	5.4	2.63	101.7
503	5/4/2010 20:01	12.01	46.26	29.95	8.45	7.95	4.6	2.60	94.7
504	5/4/2010 20:16	12.14	45.85	29.67	8.94	7.99	7.3	2.54	100.3
505	5/4/2010 20:31	12.15	45.73	29.58	8.86	7.99	7.1	2.50	99.3
506	5/4/2010 20:46	12.27	45.50	29.42	8.84	7.99	7.3	2.45	99.3
507	5/4/2010 21:01	12.28	45.18	29.19	8.86	7.92	7.4	2.40	99.3
508	5/4/2010 21:16	12.30	45.38	29.33	8.81	8.00	7.8	2.36	98.9
509	5/4/2010 21:31	12.47	45.09	29.13	8.85	8.02	8.5	2.31	99.6
510	5/4/2010 21:46	12.59	44.78	28.92	8.80	8.02	7.9	2.29	99.1
511	5/4/2010 22:01	12.52	44.86	28.97	8.77	8.02	7.8	2.24	98.7
512	5/4/2010 22:16	12.45	44.80	28.92	8.67	8.01	6.8	2.22	97.4
513	5/4/2010 22:31	12.57	44.73	28.88	8.49	7.93	4.4	2.21	95.6
514	5/4/2010 22:46	12.53	44.75	28.89	8.03	7.96	3.6	2.18	90.4
515	5/4/2010 23:01	12.56	44.34	28.60	7.80	7.86	3.8	2.18	87.6
516	5/4/2010 23:16	12.61	44.48	28.70	7.39	7.90	4.4	2.18	83.2
517	5/4/2010 23:31	12.62	44.44	28.67	8.52	8.00	5.6	2.19	96.0
518	5/4/2010 23:46	12.61	44.58	28.77	8.59	7.98	5.6	2.20	96.8
519	5/5/2010 0:01	12.64	44.47	28.70	8.51	7.98	4.5	2.21	95.9
520	5/5/2010 0:16	12.57	44.50	28.72	8.53	8.00	5.4	2.24	96.0
521	5/5/2010 0:31	12.43	44.98	29.05	8.60	7.98	5.2	2.27	96.6
522	5/5/2010 0:46	12.44	44.93	29.02	8.50	7.98	4.4	2.29	95.5
523	5/5/2010 1:01	12.39	45.20	29.21	8.44	7.97	4.1	2.32	94.8
524	5/5/2010 1:16	12.28	45.30	29.28	8.36	7.95	4.2	2.36	93.7
525	5/5/2010 1:31	12.14	45.70	29.56	8.20	7.93	4.3	2.39	91.9
526	5/5/2010 1:46	12.06	45.83	29.64	8.18	7.93	4.0	2.43	91.6
527	5/5/2010 2:01	11.97	46.08	29.82	8.16	7.92	3.9	2.47	91.3
528	5/5/2010 2:16	11.95	46.22	29.92	8.23	7.93	4.2	2.50	92.1
529	5/5/2010 2:31	11.79	46.39	30.04	8.16	7.85	3.6	2.55	91.1
530	5/5/2010 2:46	11.70	46.75	30.29	8.19	7.85	3.8	2.59	91.4

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		
531	5/5/2010 3:01	11.59	47.05	30.50	8.27	7.85	3.8	2.63	92.1
532	5/5/2010 3:16	11.61	46.94	30.43	8.30	7.85	3.4	2.67	92.5
533	5/5/2010 3:31	11.66	47.08	30.53	8.32	7.91	3.1	2.71	92.8
534	5/5/2010 3:46	11.43	47.55	30.86	8.35	7.90	3.3	2.74	92.9
535	5/5/2010 4:01	11.50	47.48	30.81	8.29	7.91	3.8	2.78	92.4
536	5/5/2010 4:16	11.66	46.69	30.24	8.33	7.93	3.1	2.82	92.9
537	5/5/2010 4:31	11.50	47.27	30.65	8.33	7.92	2.6	2.84	92.7
538	5/5/2010 4:46	11.61	46.96	30.44	8.43	7.93	2.6	2.86	93.9
539	5/5/2010 5:01	11.62	46.94	30.42	8.33	7.93	2.6	2.86	92.8
540	5/5/2010 5:16	11.44	47.23	30.63	7.98	7.89	2.4	2.85	88.6
541	5/5/2010 5:31	11.42	47.51	30.82	7.83	7.88	2.3	2.85	87.1
542	5/5/2010 5:46	11.40	47.41	30.75	7.82	7.87	2.6	2.83	87.0
543	5/5/2010 6:01	11.81	44.88	28.96	8.24	7.98	5.3	2.80	91.3
544	5/5/2010 6:16	11.54	45.61	29.47	8.18	7.87	4.0	2.74	90.5
545	5/5/2010 6:31	11.50	46.43	30.05	8.15	7.91	3.7	2.68	90.4
546	5/5/2010 6:46	11.61	46.24	29.92	8.03	7.91	4.0	2.63	89.2
547	5/5/2010 7:01	11.47	46.40	30.03	8.07	7.91	3.8	2.55	89.4
548	5/5/2010 7:16	11.53	46.16	29.86	8.12	7.92	4.6	2.47	90.0
549	5/5/2010 7:31	11.64	45.83	29.63	8.21	7.87	4.1	2.41	91.1
550	5/5/2010 7:46	11.78	45.76	29.59	8.01	7.92	3.4	2.33	89.2
551	5/5/2010 8:01	11.89	45.23	29.21	8.35	7.89	5.2	2.25	92.8
552	5/5/2010 8:16	11.78	45.25	29.22	8.61	7.97	5.1	2.16	95.5
553	5/5/2010 8:31	11.88	44.95	29.01	8.78	7.99	4.5	2.08	97.6
554	5/5/2010 8:46	11.93	45.12	29.13	8.86	8.00	4.5	2.01	98.6
555	5/5/2010 9:01	11.99	45.22	29.21	8.73	7.99	4.5	1.91	97.4
556	5/5/2010 9:16	12.07	45.03	29.07	8.77	7.99	5.1	1.82	97.9
557	5/5/2010 9:31	12.24	44.84	28.94	8.78	8.01	4.7	1.74	98.2
558	5/5/2010 9:46	12.33	44.59	28.77	8.83	8.03	4.5	1.66	98.9
559	5/5/2010 10:01	12.43	44.64	28.81	8.75	8.03	4.6	1.58	98.3
560	5/5/2010 10:16	12.34	44.65	28.82	8.34	7.98	4.3	1.51	93.5
561	5/5/2010 10:31	12.42	44.55	28.75	8.41	8.01	4.0	1.47	94.4
562	5/5/2010 10:46	12.45	44.46	28.68	8.42	8.00	3.5	1.41	94.5
563	5/5/2010 11:01	12.39	44.24	28.52	8.22	7.93	2.4	1.37	92.0
564	5/5/2010 11:16	12.47	44.40	28.64	8.27	7.99	2.3	1.36	92.8
565	5/5/2010 11:31	12.53	44.08	28.41	7.89	7.91	3.0	1.33	88.5
566	5/5/2010 11:46	12.74	44.10	28.43	8.14	8.00	3.3	1.33	91.7
567	5/5/2010 12:01	12.78	43.83	28.24	8.56	8.02	3.3	1.33	96.4
568	5/5/2010 12:16	12.89	43.97	28.34	8.73	7.97	3.1	1.34	98.6
569	5/5/2010 12:31	12.85	43.95	28.33	8.75	7.97	3.5	1.37	98.8
570	5/5/2010 12:46	12.89	43.99	28.36	8.74	7.97	3.5	1.40	98.8
571	5/5/2010 13:01	12.83	44.17	28.48	8.79	7.97	3.0	1.44	99.3
572	5/5/2010 13:16	12.41	44.72	28.87	8.49	7.99	3.3	1.48	95.2
573	5/5/2010 13:31	12.34	44.84	28.95	8.29	7.97	3.1	1.52	93.0
574	5/5/2010 13:46	12.47	44.73	28.87	8.37	7.98	3.1	1.57	94.0
575	5/5/2010 14:01	12.70	44.51	28.72	8.55	8.00	3.6	1.64	96.4
576	5/5/2010 14:16	12.63	44.46	28.69	8.52	7.99	3.5	1.70	96.0
577	5/5/2010 14:31	12.33	44.98	29.05	8.24	7.96	3.5	1.76	92.4
578	5/5/2010 14:46	12.21	45.29	29.26	8.28	7.95	4.0	1.83	92.8
579	5/5/2010 15:01	12.07	45.48	29.40	8.31	7.94	3.3	1.90	92.9
580	5/5/2010 15:16	11.97	45.77	29.60	8.35	7.94	3.5	1.97	93.3
581	5/5/2010 15:31	11.96	45.69	29.54	8.37	7.94	3.5	2.05	93.4
582	5/5/2010 15:46	11.94	45.87	29.67	8.41	7.94	3.9	2.11	94.0
583	5/5/2010 16:01	11.86	46.04	29.79	8.46	7.94	3.7	2.18	94.4

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		
584	5/5/2010 16:16	11.79	46.62	30.20	8.44	7.93	4.0	2.26	94.3
585	5/5/2010 16:31	11.94	46.37	30.03	8.57	7.94	4.0	2.32	95.9
586	5/5/2010 16:46	11.83	46.66	30.23	8.56	7.94	3.9	2.38	95.7
587	5/5/2010 17:01	11.84	46.55	30.15	8.56	7.93	3.5	2.44	95.6
588	5/5/2010 17:16	11.96	46.44	30.08	8.61	7.94	3.8	2.50	96.4
589	5/5/2010 17:31	11.94	46.27	29.96	8.69	7.94	3.6	2.57	97.2
590	5/5/2010 17:46	12.04	46.33	30.00	8.70	7.89	3.6	2.60	97.6
591	5/5/2010 18:01	11.78	46.50	30.11	8.58	7.93	3.1	2.65	95.8
592	5/5/2010 18:16	11.80	46.64	30.22	8.56	7.93	3.1	2.70	95.6
593	5/5/2010 18:31	12.08	46.67	30.25	8.68	7.94	3.2	2.72	97.5
594	5/5/2010 18:46	12.10	46.52	30.15	8.61	7.95	3.0	2.75	96.7
595	5/5/2010 19:01	12.33	46.21	29.93	8.46	7.89	2.8	2.77	95.3
596	5/5/2010 19:16	12.16	46.58	30.19	7.95	7.91	2.6	2.78	89.5
597	5/5/2010 19:31	12.36	46.53	30.16	7.69	7.92	2.9	2.78	86.9
598	5/5/2010 19:46	12.24	46.52	30.15	8.46	7.95	3.5	2.76	95.4
599	5/5/2010 20:01	12.22	46.51	30.14	8.90	7.99	4.3	2.75	100.2
600	5/5/2010 20:16	12.00	46.57	30.18	9.06	7.99	5.1	2.73	101.6
601	5/5/2010 20:31	11.92	46.56	30.17	9.11	7.99	5.2	2.70	102.0
602	5/5/2010 20:46	11.85	46.76	30.31	9.03	7.98	6.7	2.63	101.0
603	5/5/2010 21:01	11.85	46.67	30.24	8.93	7.97	6.2	2.59	99.9
604	5/5/2010 21:16	11.97	46.44	30.08	8.91	7.98	6.2	2.57	99.9
605	5/5/2010 21:31	12.02	46.28	29.96	8.81	7.98	7.0	2.50	98.7
606	5/5/2010 21:46	11.89	46.36	30.02	8.84	7.97	6.2	2.45	98.8
607	5/5/2010 22:01	12.03	46.01	29.77	8.83	7.99	7.0	2.42	98.8
608	5/5/2010 22:16	12.18	45.71	29.56	8.80	8.00	7.4	2.37	98.7
609	5/5/2010 22:31	12.23	45.57	29.47	8.83	8.01	7.2	2.31	99.1
610	5/5/2010 22:46	12.14	45.67	29.53	8.77	8.00	6.5	2.27	98.3
611	5/5/2010 23:01	11.99	45.76	29.60	8.72	7.99	6.3	2.22	97.5
612	5/5/2010 23:16	12.10	45.34	29.30	8.74	7.94	5.9	2.19	97.7
613	5/5/2010 23:31	12.12	45.63	29.50	8.69	7.99	6.4	2.16	97.3
614	5/5/2010 23:46	12.23	45.15	29.17	8.72	7.94	6.0	2.12	97.7
615	5/6/2010 0:01	12.41	45.11	29.14	8.62	7.95	4.8	2.12	96.9
616	5/6/2010 0:16	12.41	45.01	29.07	8.58	8.02	4.3	2.10	96.3
617	5/6/2010 0:31	12.21	45.10	29.13	8.55	7.94	4.5	2.11	95.7
618	5/6/2010 0:46	12.21	45.30	29.27	8.58	7.99	5.0	2.11	96.1
619	5/6/2010 1:01	12.08	45.72	29.57	8.42	7.97	4.0	2.13	94.2
620	5/6/2010 1:16	12.21	45.37	29.32	8.58	7.99	5.2	2.15	96.1
621	5/6/2010 1:31	12.20	45.13	29.15	8.65	8.00	5.9	2.16	96.9
622	5/6/2010 1:46	12.16	45.60	29.48	8.56	7.98	4.6	2.19	95.9
623	5/6/2010 2:01	12.15	45.82	29.64	8.53	7.97	4.3	2.22	95.6
624	5/6/2010 2:16	12.06	45.84	29.66	8.49	7.96	4.2	2.26	95.0
625	5/6/2010 2:31	11.97	45.93	29.72	8.41	7.94	3.9	2.29	94.0
626	5/6/2010 2:46	11.92	46.25	29.94	8.40	7.94	4.3	2.32	94.0
627	5/6/2010 3:01	11.90	46.29	29.97	8.47	7.94	4.5	2.37	94.7
628	5/6/2010 3:16	11.76	46.54	30.15	8.40	7.93	4.0	2.40	93.8
629	5/6/2010 3:31	11.71	46.95	30.44	8.39	7.92	3.9	2.44	93.7
630	5/6/2010 3:46	11.58	47.18	30.60	8.42	7.92	3.8	2.49	93.9
631	5/6/2010 4:01	11.50	47.43	30.78	8.37	7.91	3.5	2.52	93.3
632	5/6/2010 4:16	11.45	47.49	30.81	8.48	7.92	3.4	2.57	94.4
633	5/6/2010 4:31	11.32	47.92	31.12	8.45	7.91	3.4	2.60	94.0
634	5/6/2010 4:46	11.31	47.99	31.16	8.49	7.91	3.3	2.64	94.5
635	5/6/2010 5:01	11.49	47.44	30.78	8.46	7.93	3.3	2.66	94.2
636	5/6/2010 5:16	11.49	47.08	30.52	8.49	7.93	3.1	2.70	94.4

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	
637	5/6/2010 5:31	11.58	47.03	30.49	8.37	7.94	3.1	2.72	93.3
638	5/6/2010 5:46	11.35	47.68	30.94	8.34	7.91	2.7	2.74	92.7
639	5/6/2010 6:01	11.33	47.81	31.04	8.02	7.88	1.5	2.75	89.2
640	5/6/2010 6:16	11.37	47.52	30.83	7.38	7.85	2.4	2.76	82.1
641	5/6/2010 6:31	11.27	47.98	31.16	7.61	7.86	2.3	2.75	84.6
642	5/6/2010 6:46	11.34	47.49	30.81	7.93	7.89	3.3	2.72	88.1
643	5/6/2010 7:01	11.14	47.96	31.13	8.05	7.88	2.6	2.70	89.2
644	5/6/2010 7:16	11.26	46.49	30.09	8.20	7.94	3.7	2.67	90.5
645	5/6/2010 7:31	11.25	47.00	30.45	8.24	7.93	3.3	2.62	91.1
646	5/6/2010 7:46	11.38	46.80	30.32	8.31	7.94	3.8	2.56	92.0
647	5/6/2010 8:01	11.38	47.30	30.67	8.20	7.93	3.9	2.51	91.0
648	5/6/2010 8:16	11.42	47.24	30.63	8.23	7.91	4.9	2.44	91.5
649	5/6/2010 8:31	11.52	47.06	30.51	8.19	7.91	4.1	2.37	91.1
650	5/6/2010 8:46	11.59	46.38	30.02	8.25	7.94	4.0	2.30	91.6
651	5/6/2010 9:01	11.68	46.19	29.89	8.25	7.89	4.0	2.23	91.7
652	5/6/2010 9:16	11.84	45.79	29.61	8.52	7.97	4.3	2.16	94.9
653	5/6/2010 9:31	11.93	45.94	29.72	8.67	7.98	4.6	2.08	96.9
654	5/6/2010 9:46	12.02	45.79	29.62	9.04	8.02	4.1	2.00	101.1
655	5/6/2010 10:01	12.20	45.51	29.42	8.94	8.01	4.3	1.93	100.2
656	5/6/2010 10:16	12.18	45.62	29.50	8.91	8.02	4.0	1.86	99.9
657	5/6/2010 10:31	12.21	45.35	29.31	8.56	7.93	3.9	1.78	95.9
658	5/6/2010 10:46	12.06	45.76	29.60	8.68	7.98	3.2	1.72	97.1
659	5/6/2010 11:01	12.37	45.34	29.31	8.98	8.03	3.7	1.65	101.0
660	5/6/2010 11:16	12.15	45.05	29.09	8.54	7.95	2.9	1.59	95.5
661	5/6/2010 11:31	12.21	45.36	29.32	8.31	7.99	2.7	1.55	93.2
662	5/6/2010 11:46	12.44	44.87	28.97	8.43	8.01	3.0	1.51	94.7
663	5/6/2010 12:01	12.44	44.99	29.06	8.03	7.99	2.7	1.47	90.3
664	5/6/2010 12:16	12.46	45.06	29.11	8.13	7.98	2.6	1.47	91.5
665	5/6/2010 12:31	13.23	44.97	29.07	9.65	8.08	3.7	1.44	110.3
666	5/6/2010 12:46	13.32	44.71	28.89	9.69	8.02	3.6	1.44	110.8
667	5/6/2010 13:01	13.36	44.77	28.94	9.54	8.09	3.6	1.46	109.2
668	5/6/2010 13:16	13.18	44.91	29.02	9.50	8.09	3.7	1.46	108.5
669	5/6/2010 13:31	13.20	44.80	28.95	9.42	8.08	3.6	1.49	107.5
670	5/6/2010 13:46	13.06	44.91	29.02	9.41	8.07	3.6	1.52	107.2
671	5/6/2010 14:01	12.66	45.06	29.12	9.31	8.05	3.5	1.56	105.2
672	5/6/2010 14:16	12.10	45.63	29.51	8.74	7.99	2.9	1.59	97.9
673	5/6/2010 14:31	12.29	45.39	29.34	8.98	8.02	3.1	1.64	100.8
674	5/6/2010 14:46	12.34	45.37	29.33	8.81	8.01	3.7	1.69	99.0
675	5/6/2010 15:01	12.06	45.75	29.59	8.58	7.98	2.8	1.75	96.0
676	5/6/2010 15:16	12.03	45.82	29.64	8.63	7.98	3.2	1.81	96.6
677	5/6/2010 15:31	11.92	46.22	29.92	8.60	7.97	3.2	1.87	96.1
678	5/6/2010 15:46	11.78	46.42	30.06	8.53	7.96	3.6	1.94	95.1
679	5/6/2010 16:01	11.74	46.48	30.10	8.59	7.96	3.5	2.00	95.8
680	5/6/2010 16:16	11.69	46.60	30.18	8.60	7.96	3.2	2.08	95.8
681	5/6/2010 16:31	11.64	47.00	30.47	8.66	7.95	3.3	2.15	96.6
682	5/6/2010 16:46	11.59	46.86	30.37	8.73	7.95	3.4	2.22	97.2
683	5/6/2010 17:01	11.54	47.12	30.55	8.72	7.95	3.2	2.29	97.1
684	5/6/2010 17:16	11.64	47.30	30.69	8.80	7.96	3.5	2.36	98.2
685	5/6/2010 17:31	11.54	47.29	30.67	8.69	7.95	3.1	2.42	96.8
686	5/6/2010 17:46	11.35	47.43	30.76	8.60	7.93	3.1	2.48	95.5
687	5/6/2010 18:01	11.37	47.80	31.03	8.54	7.92	3.4	2.55	95.0
688	5/6/2010 18:16	11.25	48.03	31.19	8.49	7.92	3.3	2.60	94.4
689	5/6/2010 18:31	11.20	48.19	31.30	8.31	7.90	2.7	2.65	92.3

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	
690	5/6/2010 18:46	11.04	48.46	31.49	8.27	7.89	2.7	2.70	91.6
691	5/6/2010 19:01	11.05	48.31	31.39	8.18	7.88	2.7	2.75	90.6
692	5/6/2010 19:16	11.00	48.52	31.53	8.17	7.88	2.4	2.78	90.5
693	5/6/2010 19:31	11.13	48.41	31.46	8.25	7.89	2.6	2.82	91.5
694	5/6/2010 19:46	10.97	48.46	31.49	8.14	7.87	2.2	2.84	90.1
695	5/6/2010 20:01	10.90	48.44	31.47	7.78	7.85	1.6	2.86	86.0
696	5/6/2010 20:16	11.03	48.39	31.44	7.54	7.85	1.8	2.86	83.5
697	5/6/2010 20:31	10.88	48.73	31.68	7.41	7.83	1.6	2.85	81.9
698	5/6/2010 20:46	10.92	48.58	31.57	7.61	7.84	2.2	2.83	84.2
699	5/6/2010 21:01	11.06	47.93	31.11	7.77	7.86	3.1	2.81	86.0
700	5/6/2010 21:16	12.03	47.13	30.58	8.88	7.94	3.6	2.77	99.9
701	5/6/2010 21:31	11.79	47.51	30.84	8.50	7.94	3.3	2.71	95.3
702	5/6/2010 21:46	11.85	47.11	30.56	8.89	7.98	3.7	2.67	99.6
703	5/6/2010 22:01	11.83	47.28	30.68	8.76	7.96	3.4	2.60	98.2
704	5/6/2010 22:16	11.83	47.22	30.64	8.77	7.97	3.8	2.53	98.3
705	5/6/2010 22:31	11.98	47.18	30.61	8.93	7.99	3.3	2.47	100.4
706	5/6/2010 22:46	12.12	46.87	30.40	8.99	8.01	3.8	2.41	101.3
707	5/6/2010 23:01	12.14	46.87	30.40	8.93	8.00	2.9	2.37	100.6
708	5/6/2010 23:16	12.22	46.53	30.16	8.99	8.02	3.2	2.30	101.3
709	5/6/2010 23:31	12.26	46.56	30.18	9.03	8.03	3.2	2.24	101.8
710	5/6/2010 23:46	12.33	45.89	29.70	9.05	7.99	3.1	2.21	101.9
711	5/7/2010 0:01	12.31	46.36	30.03	8.96	8.03	3.0	2.16	101.1
712	5/7/2010 0:16	12.41	46.11	29.86	9.01	8.04	2.8	2.11	101.8
713	5/7/2010 0:31	12.44	46.23	29.95	8.98	8.05	2.8	2.07	101.5
714	5/7/2010 0:46	12.46	46.00	29.78	8.98	8.04	2.6	2.05	101.4
715	5/7/2010 1:01	12.52	45.64	29.53	8.89	7.99	2.6	2.03	100.3
716	5/7/2010 1:16	12.53	45.78	29.63	8.80	8.03	2.4	2.00	99.5
717	5/7/2010 1:31	12.58	45.79	29.64	8.87	8.03	2.2	1.98	100.4
718	5/7/2010 1:46	12.45	45.93	29.73	8.64	8.02	2.5	2.00	97.6
719	5/7/2010 2:01	12.44	45.73	29.59	8.91	8.03	3.1	2.00	100.6
720	5/7/2010 2:16	12.32	45.84	29.66	8.76	8.01	3.8	2.00	98.6
721	5/7/2010 2:31	12.34	45.85	29.67	8.81	8.02	3.4	2.02	99.2
722	5/7/2010 2:46	12.28	46.26	29.96	8.90	8.01	3.1	2.05	100.3
723	5/7/2010 3:01	12.19	46.28	29.97	8.75	7.99	3.2	2.08	98.4
724	5/7/2010 3:16	12.27	46.05	29.81	8.90	8.01	3.1	2.11	100.2
725	5/7/2010 3:31	12.22	46.21	29.92	8.75	8.00	3.5	2.15	98.4
726	5/7/2010 3:46	12.11	46.50	30.13	8.68	7.98	3.6	2.19	97.5
727	5/7/2010 4:01	11.97	46.76	30.31	8.61	7.97	2.7	2.23	96.6
728	5/7/2010 4:16	11.94	46.88	30.40	8.61	7.96	2.9	2.27	96.6
729	5/7/2010 4:31	11.91	46.90	30.41	8.61	7.97	3.1	2.32	96.5
730	5/7/2010 4:46	11.73	47.40	30.76	8.51	7.95	2.7	2.36	95.3
731	5/7/2010 5:01	11.74	47.46	30.80	8.49	7.95	3.3	2.40	95.1
732	5/7/2010 5:16	11.60	47.47	30.80	8.38	7.93	2.6	2.45	93.5
733	5/7/2010 5:31	11.49	47.78	31.02	8.35	7.93	2.4	2.48	93.1
734	5/7/2010 5:46	11.42	47.83	31.06	8.21	7.91	2.1	2.52	91.5
735	5/7/2010 6:01	11.30	48.02	31.19	8.16	7.90	2.4	2.55	90.7
736	5/7/2010 6:16	11.40	48.13	31.27	8.20	7.91	2.5	2.58	91.4
737	5/7/2010 6:31	11.37	48.00	31.17	8.29	7.92	2.4	2.61	92.3
738	5/7/2010 6:46	11.41	48.02	31.19	8.44	7.94	2.0	2.63	94.1
739	5/7/2010 7:01	11.46	47.79	31.03	8.07	7.91	2.2	2.65	89.9
740	5/7/2010 7:16	11.49	47.84	31.07	7.94	7.90	2.1	2.66	88.6
741	5/7/2010 7:31	11.47	47.59	30.89	7.99	7.91	1.9	2.66	89.0
742	5/7/2010 7:46	11.52	47.79	31.03	7.79	7.89	2.0	2.65	86.9

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	
743	5/7/2010 8:01	11.38	47.80	31.04	7.83	7.89	2.0	2.63	87.1
744	5/7/2010 8:16	11.48	47.74	30.99	8.01	7.92	3.5	2.61	89.3
745	5/7/2010 8:31	11.49	47.85	31.07	8.07	7.91	2.5	2.58	90.1
746	5/7/2010 8:46	11.55	47.64	30.92	8.33	7.93	2.9	2.52	93.0
747	5/7/2010 9:01	11.63	47.44	30.79	8.24	7.93	2.5	2.48	92.0
748	5/7/2010 9:16	11.59	47.45	30.79	8.15	7.92	3.3	2.42	90.9
749	5/7/2010 9:31	11.66	47.22	30.63	8.08	7.92	3.2	2.36	90.2
750	5/7/2010 9:46	11.76	47.38	30.75	8.07	7.92	2.3	2.29	90.4
751	5/7/2010 10:01	11.94	46.83	30.36	8.16	7.95	2.4	2.22	91.6
752	5/7/2010 10:16	12.23	46.66	30.25	8.36	7.97	2.4	2.17	94.3
753	5/7/2010 10:31	12.26	46.71	30.29	8.35	7.96	2.1	2.10	94.3
754	5/7/2010 10:46	12.27	46.62	30.23	8.38	7.97	2.2	2.01	94.6
755	5/7/2010 11:01	12.43	46.45	30.11	8.58	8.00	2.6	1.95	97.1
756	5/7/2010 11:16	12.41	46.42	30.08	8.42	7.98	1.8	1.89	95.2
757	5/7/2010 11:31	12.51	46.17	29.91	8.42	7.97	2.1	1.82	95.3
758	5/7/2010 11:46	12.57	46.29	30.00	8.03	7.96	1.8	1.75	91.0
759	5/7/2010 12:01	12.59	46.28	29.99	8.47	7.99	1.8	1.71	96.1
760	5/7/2010 12:16	12.64	46.26	29.98	7.93	7.96	1.5	1.66	90.0
761	5/7/2010 12:31	12.70	46.20	29.94	7.93	7.96	1.6	1.61	90.2
762	5/7/2010 12:46	12.87	45.97	29.78	8.67	7.99	1.7	1.58	98.7
763	5/7/2010 13:01	13.11	45.79	29.65	8.13	7.98	1.9	1.55	93.0
764	5/7/2010 13:16	13.29	45.47	29.44	8.66	7.99	1.7	1.53	99.3
765	5/7/2010 13:31	13.58	45.47	29.44	8.64	8.05	2.0	1.52	99.7
766	5/7/2010 13:46	14.43	45.60	29.56	10.17	8.06	2.6	1.53	119.5
767	5/7/2010 14:01	14.25	45.73	29.65	10.14	8.13	2.0	1.53	118.8
768	5/7/2010 14:16	14.23	45.63	29.58	10.02	8.14	1.9	1.55	117.3
769	5/7/2010 14:31	14.29	45.27	29.31	10.03	8.13	2.1	1.59	117.3
770	5/7/2010 14:46	13.45	45.73	29.62	9.88	8.05	2.1	1.63	113.8
771	5/7/2010 15:01	14.14	45.56	29.52	9.85	8.05	2.4	1.65	115.0
772	5/7/2010 15:16	12.90	46.01	29.81	9.39	8.05	1.9	1.70	107.1
773	5/7/2010 15:31	12.58	46.34	30.04	9.09	8.02	2.0	1.76	103.1
774	5/7/2010 15:46	12.70	46.13	29.89	9.14	8.02	2.5	1.82	103.9
775	5/7/2010 16:01	12.57	46.42	30.09	8.99	8.01	2.9	1.87	102.0
776	5/7/2010 16:16	12.52	46.42	30.09	9.08	8.01	3.1	1.94	102.9
777	5/7/2010 16:31	12.22	46.66	30.25	9.05	8.00	2.5	2.01	102.1
778	5/7/2010 16:46	12.26	46.85	30.39	9.16	8.01	2.6	2.07	103.4
779	5/7/2010 17:01	12.37	46.85	30.39	9.22	8.02	2.9	2.14	104.3
780	5/7/2010 17:16	12.26	47.03	30.52	9.24	8.01	2.6	2.21	104.5
781	5/7/2010 17:31	12.34	46.93	30.45	9.27	8.01	2.7	2.29	104.9
782	5/7/2010 17:46	12.39	47.19	30.64	9.25	8.01	3.1	2.36	105.0
783	5/7/2010 18:01	12.75	47.19	30.65	9.29	8.01	2.9	2.42	106.1
784	5/7/2010 18:16	12.61	47.41	30.81	9.27	8.01	3.1	2.48	105.7
785	5/7/2010 18:31	12.60	47.42	30.81	9.41	8.02	3.0	2.55	107.4
786	5/7/2010 18:46	12.62	47.29	30.72	9.43	8.01	3.8	2.61	107.5
787	5/7/2010 19:01	12.22	47.89	31.14	9.12	7.98	3.1	2.67	103.3
788	5/7/2010 19:16	11.99	47.98	31.19	8.99	7.97	2.3	2.73	101.4
789	5/7/2010 19:31	11.94	48.24	31.38	8.79	7.95	2.5	2.78	99.2
790	5/7/2010 19:46	11.66	48.54	31.58	8.54	7.93	2.2	2.82	96.0
791	5/7/2010 20:01	11.20	48.84	31.78	8.14	7.90	2.3	2.87	90.7
792	5/7/2010 20:16	11.27	48.70	31.68	8.15	7.90	1.6	2.90	90.9
793	5/7/2010 20:31	11.00	49.10	31.95	7.78	7.86	1.8	2.92	86.4
794	5/7/2010 20:46	10.91	49.13	31.97	7.52	7.85	1.5	2.94	83.4
795	5/7/2010 21:01	10.98	48.60	31.59	7.66	7.86	1.3	2.94	84.8

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	
796	5/7/2010 21:16	10.96	49.02	31.89	7.51	7.84	1.9	2.92	83.3
797	5/7/2010 21:31	10.95	49.21	32.03	7.79	7.87	2.4	2.90	86.5
798	5/7/2010 21:46	11.51	48.60	31.61	8.14	7.92	2.0	2.87	91.2
799	5/7/2010 22:01	11.40	48.54	31.57	8.11	7.90	2.2	2.81	90.6
800	5/7/2010 22:16	11.57	48.39	31.47	8.14	7.91	2.8	2.75	91.2
801	5/7/2010 22:31	11.68	48.13	31.29	8.28	7.92	3.2	2.68	92.9
802	5/7/2010 22:46	11.83	48.27	31.39	8.51	7.95	2.7	2.63	95.9
803	5/7/2010 23:01	12.11	47.77	31.05	8.65	7.96	2.5	2.55	97.8
804	5/7/2010 23:16	12.80	47.10	30.59	9.06	8.03	2.9	2.47	103.6
805	5/7/2010 23:31	12.73	47.31	30.74	9.23	8.03	2.5	2.42	105.5
806	5/7/2010 23:46	12.83	46.99	30.51	9.29	8.04	2.9	2.35	106.3
807	5/8/2010 0:01	12.86	46.78	30.36	9.42	8.05	3.3	2.27	107.6
808	5/8/2010 0:16	13.03	46.54	30.19	9.45	8.07	2.6	2.21	108.3
809	5/8/2010 0:31	13.13	46.57	30.22	9.42	8.07	2.5	2.16	108.2
810	5/8/2010 0:46	13.24	46.35	30.06	9.46	8.08	2.7	2.08	108.8
811	5/8/2010 1:01	13.29	46.54	30.20	9.42	8.08	2.9	2.01	108.5
812	5/8/2010 1:16	13.37	46.55	30.22	9.40	8.08	2.6	1.97	108.5
813	5/8/2010 1:31	13.43	46.42	30.12	9.41	8.08	2.4	1.92	108.7
814	5/8/2010 1:46	13.55	45.94	29.78	9.54	8.09	2.3	1.87	110.3
815	5/8/2010 2:01	13.71	46.00	29.82	9.53	8.06	1.8	1.83	110.5
816	5/8/2010 2:16	13.82	45.81	29.69	9.56	8.11	1.8	1.82	111.0
817	5/8/2010 2:31	13.32	46.28	30.01	9.14	8.06	2.7	1.82	105.4
818	5/8/2010 2:46	13.83	45.89	29.75	9.55	8.11	2.0	1.80	111.0
819	5/8/2010 3:01	13.47	46.28	30.02	9.44	8.10	3.0	1.82	109.1
820	5/8/2010 3:16	13.60	46.04	29.85	9.40	8.09	2.7	1.85	108.8
821	5/8/2010 3:31	13.11	46.67	30.29	9.30	8.06	3.5	1.88	106.9
822	5/8/2010 3:46	13.07	46.33	30.04	9.17	8.04	2.4	1.90	105.1
823	5/8/2010 4:01	13.08	46.41	30.10	9.16	8.04	3.4	1.93	105.0
824	5/8/2010 4:16	13.04	46.36	30.07	9.15	8.04	2.6	2.00	104.9
825	5/8/2010 4:31	13.13	46.55	30.21	9.16	8.05	2.4	2.03	105.2
826	5/8/2010 4:46	12.90	46.68	30.29	9.01	8.02	2.6	2.06	103.1
827	5/8/2010 5:01	12.60	47.18	30.64	8.81	8.00	2.1	2.11	100.4
828	5/8/2010 5:16	12.58	47.25	30.69	8.75	7.99	2.3	2.17	99.6
829	5/8/2010 5:31	12.51	47.13	30.60	8.75	7.99	2.7	2.22	99.4
830	5/8/2010 5:46	12.45	47.17	30.63	8.69	7.98	2.3	2.25	98.7
831	5/8/2010 6:01	12.35	47.29	30.71	8.59	7.97	2.3	2.30	97.4
832	5/8/2010 6:16	12.29	47.53	30.88	8.61	7.97	2.4	2.36	97.6
833	5/8/2010 6:31	12.24	47.69	30.99	8.67	7.97	2.4	2.39	98.2
834	5/8/2010 6:46	12.17	47.79	31.06	8.74	7.98	2.4	2.43	98.9
835	5/8/2010 7:01	12.04	47.83	31.09	8.61	7.97	2.1	2.48	97.2
836	5/8/2010 7:16	11.96	47.99	31.20	8.51	7.96	2.1	2.53	96.0
837	5/8/2010 7:31	11.91	48.17	31.32	8.50	7.96	2.0	2.55	95.9
838	5/8/2010 7:46	11.81	48.09	31.26	8.43	7.95	1.8	2.59	94.8
839	5/8/2010 8:01	11.62	48.42	31.49	8.13	7.92	1.8	2.62	91.2
840	5/8/2010 8:16	11.64	48.33	31.43	8.09	7.91	2.0	2.64	90.7
841	5/8/2010 8:31	11.67	48.41	31.49	8.08	7.92	1.6	2.66	90.8
842	5/8/2010 8:46	11.68	48.15	31.30	8.02	7.91	1.4	2.66	89.9
843	5/8/2010 9:01	11.79	48.22	31.36	7.94	7.92	1.6	2.65	89.4
844	5/8/2010 9:16	11.80	48.34	31.44	8.14	7.93	1.7	2.65	91.7
845	5/8/2010 9:31	11.73	48.41	31.49	8.02	7.91	2.6	2.62	90.2
846	5/8/2010 9:46	11.76	48.55	31.59	7.99	7.91	3.4	2.57	89.9
847	5/8/2010 10:01	12.17	48.05	31.25	8.51	7.96	3.7	2.52	96.5
848	5/8/2010 10:16	12.11	47.83	31.09	8.45	7.95	2.1	2.47	95.5

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	
849	5/8/2010 10:31	12.42	47.37	30.77	8.89	8.00	2.7	2.41	101.0
850	5/8/2010 10:46	12.35	47.50	30.86	8.77	7.98	2.0	2.33	99.5
851	5/8/2010 11:01	12.54	47.42	30.81	8.82	8.00	2.4	2.27	100.4
852	5/8/2010 11:16	13.18	47.04	30.56	9.19	8.03	2.0	2.20	105.9
853	5/8/2010 11:31	13.32	46.74	30.35	9.43	8.05	2.2	2.14	108.8
854	5/8/2010 11:46	13.46	46.91	30.48	9.55	8.07	2.7	2.06	110.6
855	5/8/2010 12:01	13.49	46.88	30.45	9.48	8.07	1.8	1.99	109.9
856	5/8/2010 12:16	13.57	46.83	30.42	9.42	8.04	1.3	1.92	109.4
857	5/8/2010 12:31	13.49	46.56	30.22	8.64	8.02	1.4	1.85	100.0
858	5/8/2010 12:46	13.63	46.63	30.28	9.36	8.07	1.5	1.80	108.6
859	5/8/2010 13:01	14.06	46.18	29.96	10.03	8.11	1.5	1.74	117.3
860	5/8/2010 13:16	13.75	46.41	30.12	9.53	8.08	1.7	1.68	110.9
861	5/8/2010 13:31	14.11	46.21	29.99	9.72	8.08	1.2	1.66	113.8
862	5/8/2010 13:46	14.02	46.45	30.16	9.20	8.06	1.3	1.64	107.6
863	5/8/2010 14:01	14.62	45.93	29.80	9.79	8.09	1.4	1.61	115.7
864	5/8/2010 14:16	15.23	46.18	29.99	10.40	8.14	2.3	1.60	124.5
865	5/8/2010 14:31	14.89	46.19	30.00	10.77	8.15	2.0	1.62	128.1
866	5/8/2010 14:46	15.50	45.91	29.80	10.96	8.18	2.2	1.64	131.8
867	5/8/2010 15:01	14.70	46.16	29.97	10.45	8.13	1.9	1.65	123.8
868	5/8/2010 15:16	15.16	46.20	30.01	10.85	8.17	2.0	1.68	129.7
869	5/8/2010 15:31	13.80	46.43	30.14	10.12	8.10	1.9	1.72	117.8
870	5/8/2010 15:46	14.38	46.20	29.99	10.34	8.13	2.4	1.77	121.7
871	5/8/2010 16:01	13.81	46.69	30.33	10.01	8.10	1.8	1.80	116.7
872	5/8/2010 16:16	13.53	46.68	30.31	9.74	8.07	1.8	1.86	112.8
873	5/8/2010 16:31	13.52	46.75	30.36	9.80	8.07	2.0	1.92	113.6
874	5/8/2010 16:46	13.42	46.76	30.37	9.74	8.07	2.3	1.97	112.7
875	5/8/2010 17:01	13.29	46.96	30.50	9.85	8.07	2.3	2.04	113.7
876	5/8/2010 17:16	13.26	46.93	30.49	9.80	8.07	2.6	2.10	113.0
877	5/8/2010 17:31	13.22	46.97	30.51	9.88	8.07	2.5	2.17	113.9
878	5/8/2010 17:46	13.36	46.63	30.27	10.09	8.08	2.9	2.25	116.5
879	5/8/2010 18:01	13.65	46.98	30.53	10.14	8.09	3.0	2.31	118.0
880	5/8/2010 18:16	13.68	47.26	30.74	10.20	8.09	3.7	2.38	118.9
881	5/8/2010 18:31	13.60	47.37	30.81	10.21	8.09	4.1	2.45	118.8
882	5/8/2010 18:46	13.33	47.50	30.89	9.99	8.07	3.4	2.52	115.7
883	5/8/2010 19:01	13.31	47.56	30.94	9.77	8.05	2.9	2.59	113.2
884	5/8/2010 19:16	12.71	48.00	31.23	9.44	8.01	2.9	2.65	108.2
885	5/8/2010 19:31	11.92	48.50	31.56	8.57	7.94	3.1	2.72	96.8
886	5/8/2010 19:46	11.75	48.56	31.60	8.56	7.94	3.5	2.78	96.4
887	5/8/2010 20:01	11.76	48.62	31.64	8.63	7.94	3.6	2.84	97.2
888	5/8/2010 20:16	11.79	48.70	31.70	8.69	7.95	4.1	2.90	97.9
889	5/8/2010 20:31	11.81	48.81	31.78	8.75	7.95	3.3	2.95	98.8
890	5/8/2010 20:46	11.75	48.98	31.90	8.71	7.95	3.4	2.99	98.3
891	5/8/2010 21:01	11.64	49.19	32.05	8.61	7.94	3.0	3.03	97.0
892	5/8/2010 21:16	11.58	49.51	32.28	8.51	7.93	2.6	3.05	95.9
893	5/8/2010 21:31	11.75	49.21	32.07	8.54	7.94	3.2	3.06	96.4
894	5/8/2010 21:46	11.61	49.13	32.00	8.53	7.93	3.0	3.06	96.0
895	5/8/2010 22:01	11.61	49.26	32.10	8.51	7.93	3.2	3.02	95.8
896	5/8/2010 22:16	12.36	48.45	31.54	8.83	7.98	2.9	2.99	100.6
897	5/8/2010 22:31	12.39	48.51	31.59	8.82	7.98	2.9	2.94	100.6
898	5/8/2010 22:46	12.41	48.17	31.35	8.88	7.98	3.3	2.87	101.3
899	5/8/2010 23:01	12.48	48.31	31.45	9.00	7.99	3.8	2.79	102.7
900	5/8/2010 23:16	12.51	48.26	31.42	9.04	7.99	3.3	2.71	103.3
901	5/8/2010 23:31	12.97	47.79	31.10	9.11	8.02	3.4	2.64	104.8

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	
902	5/8/2010 23:46	13.04	47.55	30.92	9.09	8.02	3.3	2.55	104.7
903	5/9/2010 0:01	13.20	47.49	30.88	9.21	8.03	2.7	2.47	106.4
904	5/9/2010 0:16	13.32	47.42	30.84	9.33	8.04	2.7	2.39	108.0
905	5/9/2010 0:31	13.42	47.43	30.85	9.53	8.06	3.7	2.31	110.5
906	5/9/2010 0:46	13.53	47.13	30.64	9.61	8.06	3.2	2.23	111.6
907	5/9/2010 1:01	13.62	47.02	30.56	9.57	8.06	3.1	2.14	111.3
908	5/9/2010 1:16	13.90	46.74	30.36	9.62	8.09	3.3	2.07	112.5
909	5/9/2010 1:31	14.07	46.89	30.48	9.76	8.10	3.2	1.99	114.5
910	5/9/2010 1:46	14.20	46.53	30.22	9.77	8.06	3.4	1.90	114.8
911	5/9/2010 2:01	14.34	46.69	30.34	9.86	8.12	2.9	1.84	116.2
912	5/9/2010 2:16	14.42	46.33	30.08	9.94	8.13	3.2	1.78	117.2
913	5/9/2010 2:31	14.40	46.41	30.14	9.90	8.08	2.7	1.72	116.7
914	5/9/2010 2:46	14.38	46.61	30.28	9.73	8.12	6.8	1.67	114.7
915	5/9/2010 3:01	14.40	46.52	30.22	9.73	8.07	1.8	1.65	114.7
916	5/9/2010 3:16	14.44	46.61	30.29	9.36	8.10	2.1	1.63	110.5
917	5/9/2010 3:31	14.41	46.33	30.08	9.65	8.12	2.6	1.62	113.8
918	5/9/2010 3:46	14.28	46.57	30.25	9.51	8.09	3.9	1.63	111.9
919	5/9/2010 4:01	14.66	46.41	30.14	10.16	8.15	1.8	1.67	120.4
920	5/9/2010 4:16	14.09	46.74	30.37	9.72	8.10	2.7	1.70	114.0
921	5/9/2010 4:31	13.99	46.71	30.35	9.59	8.09	3.6	1.73	112.2
922	5/9/2010 4:46	13.97	46.75	30.37	9.56	8.08	3.4	1.78	111.8
923	5/9/2010 5:01	14.37	46.31	30.06	9.83	8.12	3.2	1.84	115.7
924	5/9/2010 5:16	14.31	46.15	29.95	9.61	8.10	3.2	1.89	112.9
925	5/9/2010 5:31	14.24	46.04	29.87	9.54	8.09	3.4	1.94	111.9
926	5/9/2010 5:46	14.02	46.18	29.96	9.44	8.08	3.2	2.00	110.3
927	5/9/2010 6:01	13.94	46.59	30.26	9.41	8.08	2.7	2.05	110.0
928	5/9/2010 6:16	13.85	46.50	30.19	9.30	8.06	3.0	2.11	108.4
929	5/9/2010 6:31	13.72	46.62	30.27	9.28	8.05	3.1	2.16	107.9
930	5/9/2010 6:46	13.66	47.13	30.64	9.27	8.05	2.7	2.21	108.0
931	5/9/2010 7:01	13.42	47.16	30.65	9.21	8.04	3.0	2.27	106.7
932	5/9/2010 7:16	13.05	47.51	30.89	9.09	8.01	3.3	2.33	104.7
933	5/9/2010 7:31	12.82	47.76	31.06	8.99	8.00	3.3	2.37	103.2
934	5/9/2010 7:46	12.88	47.91	31.18	9.11	8.02	2.6	2.43	104.7
935	5/9/2010 8:01	12.84	47.92	31.18	9.00	8.00	2.8	2.48	103.4
936	5/9/2010 8:16	12.68	47.88	31.15	8.99	8.00	2.8	2.53	102.9
937	5/9/2010 8:31	12.57	48.29	31.44	8.87	7.99	2.5	2.57	101.4
938	5/9/2010 8:46	12.54	47.97	31.21	8.88	7.99	2.1	2.61	101.4
939	5/9/2010 9:01	12.34	48.57	31.64	8.60	7.96	2.9	2.65	98.0
940	5/9/2010 9:16	12.31	48.62	31.67	8.56	7.96	2.3	2.68	97.5
941	5/9/2010 9:31	12.29	48.52	31.60	8.50	7.95	1.9	2.70	96.7
942	5/9/2010 9:46	12.37	48.61	31.66	8.27	7.94	2.3	2.71	94.3
943	5/9/2010 10:01	12.30	48.41	31.52	8.43	7.95	2.3	2.71	96.0
944	5/9/2010 10:16	12.25	48.74	31.76	8.44	7.95	2.8	2.70	96.2
945	5/9/2010 10:31	12.35	48.59	31.65	8.51	7.95	1.6	2.67	97.0
946	5/9/2010 10:46	12.48	48.48	31.57	8.41	7.96	1.9	2.64	96.2
947	5/9/2010 11:01	12.68	48.18	31.37	8.71	7.98	2.1	2.59	99.9
948	5/9/2010 11:16	12.85	48.17	31.37	8.91	8.00	2.3	2.53	102.4
949	5/9/2010 11:31	13.07	47.93	31.20	9.27	8.03	2.7	2.48	107.1
950	5/9/2010 11:46	13.22	47.81	31.12	9.43	8.04	2.9	2.39	109.2
951	5/9/2010 12:01	13.50	47.41	30.84	9.72	8.07	3.2	2.33	112.9
952	5/9/2010 12:16	14.00	47.22	30.72	10.18	8.10	2.6	2.25	119.5
953	5/9/2010 12:31	14.24	47.25	30.74	10.43	8.13	2.8	2.18	123.0
954	5/9/2010 12:46	14.57	47.10	30.64	10.58	8.13	2.4	2.11	125.5

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	
955	5/9/2010 13:01	14.65	46.98	30.55	10.64	8.14	3.1	2.03	126.3
956	5/9/2010 13:16	15.09	46.81	30.45	10.63	8.16	2.3	1.97	127.3
957	5/9/2010 13:31	15.09	46.71	30.37	10.77	8.17	2.5	1.90	128.9
958	5/9/2010 13:46	15.14	46.62	30.31	10.68	8.16	2.1	1.84	127.9
959	5/9/2010 14:01	14.99	46.90	30.51	10.43	8.14	1.7	1.80	124.7
960	5/9/2010 14:16	14.92	46.67	30.34	10.33	8.14	1.5	1.76	123.2
961	5/9/2010 14:31	14.92	46.79	30.43	9.77	8.10	1.5	1.74	116.5
962	5/9/2010 14:46	15.02	46.65	30.33	8.96	8.07	1.6	1.71	107.1
963	5/9/2010 15:01	15.01	46.36	30.12	10.25	8.15	2.1	1.72	122.3
964	5/9/2010 15:16	14.74	46.78	30.41	10.79	8.16	2.4	1.73	128.3
965	5/9/2010 15:31	15.63	46.60	30.31	11.00	8.20	1.9	1.73	133.0
966	5/9/2010 15:46	15.60	46.65	30.34	11.00	8.20	1.8	1.77	133.0
967	5/9/2010 16:01	14.97	46.78	30.42	10.81	8.16	2.6	1.80	129.1
968	5/9/2010 16:16	14.77	46.95	30.54	10.77	8.16	2.6	1.85	128.2
969	5/9/2010 16:31	15.15	46.75	30.40	11.00	8.18	2.9	1.88	131.9
970	5/9/2010 16:46	15.02	46.72	30.38	10.80	8.16	2.5	1.93	129.1
971	5/9/2010 17:01	14.95	46.88	30.49	10.84	8.16	3.1	2.00	129.5
972	5/9/2010 17:16	14.83	46.75	30.40	10.76	8.15	3.1	2.05	128.1
973	5/9/2010 17:31	14.40	46.86	30.47	10.36	8.12	2.9	2.11	122.3
974	5/9/2010 17:46	14.26	47.12	30.65	10.19	8.10	2.7	2.18	120.1
975	5/9/2010 18:01	14.39	47.15	30.67	10.78	8.15	3.6	2.26	127.5
976	5/9/2010 18:16	14.28	46.97	30.55	10.99	8.15	3.2	2.32	129.6
977	5/9/2010 18:31	14.30	47.42	30.87	10.85	8.14	3.1	2.39	128.2
978	5/9/2010 18:46	14.02	47.34	30.80	10.54	8.12	3.1	2.45	123.8
979	5/9/2010 19:01	13.59	47.73	31.08	10.37	8.10	2.9	2.52	120.9
980	5/9/2010 19:16	13.15	48.25	31.44	9.89	8.05	2.4	2.59	114.5
981	5/9/2010 19:31	12.53	48.79	31.80	9.10	7.99	3.6	2.66	104.3
982	5/9/2010 19:46	12.41	48.88	31.86	9.00	7.98	3.8	2.74	102.9
983	5/9/2010 20:01	12.40	48.67	31.71	9.10	7.99	4.2	2.81	103.9
984	5/9/2010 20:16	12.29	48.78	31.78	9.09	7.98	4.5	2.87	103.7
985	5/9/2010 20:31	12.26	49.15	32.05	9.20	7.99	4.8	2.95	105.0
986	5/9/2010 20:46	12.22	49.18	32.07	9.24	7.99	4.5	3.01	105.4
987	5/9/2010 21:01	12.12	49.39	32.22	9.20	7.99	3.9	3.07	104.8
988	5/9/2010 21:16	11.99	49.41	32.22	9.14	7.98	3.3	3.13	103.8
989	5/9/2010 21:31	11.86	49.81	32.51	9.15	7.98	3.8	3.16	103.8
990	5/9/2010 21:46	11.77	49.94	32.60	9.11	7.98	2.8	3.20	103.3
991	5/9/2010 22:01	11.76	49.92	32.58	8.94	7.97	2.0	3.22	101.3
992	5/9/2010 22:16	11.79	49.95	32.61	9.03	7.97	3.0	3.20	102.4
993	5/9/2010 22:31	11.72	49.80	32.50	9.03	7.97	2.9	3.17	102.2
994	5/9/2010 22:46	11.81	49.85	32.54	8.98	7.97	2.2	3.14	101.8
995	5/9/2010 23:01	12.56	49.01	31.96	9.20	8.00	3.4	3.07	105.6
996	5/9/2010 23:16	12.48	49.06	32.00	9.22	8.00	3.5	3.00	105.7
997	5/9/2010 23:31	12.64	48.85	31.85	9.24	8.01	3.4	2.91	106.1
998	5/9/2010 23:46	13.23	47.88	31.17	9.65	8.06	3.7	2.83	111.8
999	5/10/2010 0:01	13.14	48.33	31.49	9.51	8.05	2.7	2.74	110.2
1000	5/10/2010 0:16	13.24	48.08	31.31	9.38	8.03	5.7	2.65	108.8
1001	5/10/2010 0:31	13.33	47.57	30.95	9.36	8.04	3.4	2.57	108.5
1002	5/10/2010 0:46	13.43	47.63	30.99	9.44	8.04	3.5	2.47	109.7
1003	5/10/2010 1:01	13.61	47.90	31.20	9.50	8.06	3.7	2.37	110.9
1004	5/10/2010 1:16	14.07	47.27	30.75	9.88	8.10	4.0	2.28	116.1
1005	5/10/2010 1:31	13.83	47.44	30.87	9.53	8.07	3.4	2.18	111.5
1006	5/10/2010 1:46	14.02	47.01	30.56	9.66	8.09	3.7	2.09	113.3
1007	5/10/2010 2:01	14.49	47.05	30.60	10.00	8.13	4.6	1.98	118.5

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	
1008	5/10/2010 2:16	14.55	46.73	30.38	9.85	8.14	3.9	1.89	116.6
1009	5/10/2010 2:31	14.69	46.82	30.44	9.94	8.15	3.5	1.79	118.0
1010	5/10/2010 2:46	14.81	46.61	30.29	9.96	8.16	3.5	1.71	118.5
1011	5/10/2010 3:01	14.94	46.52	30.23	9.90	8.16	3.6	1.63	118.1
1012	5/10/2010 3:16	15.00	46.51	30.23	9.94	8.17	3.5	1.55	118.7
1013	5/10/2010 3:31	15.07	46.23	30.03	9.80	8.17	3.1	1.53	117.0
1014	5/10/2010 3:46	15.20	46.02	29.88	9.61	8.16	2.4	1.48	114.9
1015	5/10/2010 4:01	15.17	46.27	30.05	9.20	8.14	2.3	1.46	110.1
1016	5/10/2010 4:16	15.02	46.24	30.03	9.93	8.17	2.6	1.47	118.4
1017	5/10/2010 4:31	14.97	46.50	30.22	9.95	8.16	3.0	1.49	118.6
1018	5/10/2010 4:46	14.74	46.45	30.17	9.97	8.14	3.5	1.52	118.3
1019	5/10/2010 5:01	14.79	46.65	30.33	9.95	8.15	3.0	1.54	118.4
1020	5/10/2010 5:16	14.66	46.79	30.42	9.92	8.14	3.7	1.60	117.7
1021	5/10/2010 5:31	14.75	46.29	30.06	9.91	8.15	2.9	1.65	117.5
1022	5/10/2010 5:46	14.87	46.03	29.88	9.65	8.13	3.8	1.71	114.6
1023	5/10/2010 6:01	14.75	46.16	29.97	9.68	8.12	3.6	1.77	114.7
1024	5/10/2010 6:16	14.71	46.48	30.20	9.65	8.12	3.7	1.83	114.5
1025	5/10/2010 6:31	14.61	46.39	30.13	9.66	8.12	3.4	1.89	114.3
1026	5/10/2010 6:46	14.63	46.30	30.07	9.55	8.11	3.5	1.96	113.0
1027	5/10/2010 7:01	14.41	46.53	30.22	9.51	8.10	3.3	2.02	112.2
1028	5/10/2010 7:16	14.05	47.17	30.68	9.41	8.08	3.6	2.09	110.5
1029	5/10/2010 7:31	13.86	47.14	30.66	9.45	8.07	3.5	2.15	110.6
1030	5/10/2010 7:46	13.70	47.28	30.75	9.49	8.07	3.5	2.24	110.7
1031	5/10/2010 8:01	13.61	47.39	30.83	9.46	8.07	3.9	2.30	110.2
1032	5/10/2010 8:16	13.51	47.57	30.95	9.45	8.06	3.2	2.36	109.9
1033	5/10/2010 8:31	13.32	47.89	31.18	9.45	8.05	3.8	2.44	109.7
1034	5/10/2010 8:46	13.19	48.03	31.28	9.39	8.04	3.7	2.52	108.7
1035	5/10/2010 9:01	13.08	47.87	31.16	9.30	8.03	3.8	2.57	107.4
1036	5/10/2010 9:16	12.95	48.16	31.36	9.22	8.02	3.8	2.61	106.3
1037	5/10/2010 9:31	12.84	48.30	31.46	9.16	8.02	4.0	2.67	105.4
1038	5/10/2010 9:46	12.71	48.14	31.33	9.12	8.01	3.7	2.72	104.6
1039	5/10/2010 10:01	12.63	48.53	31.61	9.06	8.00	2.8	2.75	103.9
1040	5/10/2010 10:16	12.54	48.51	31.60	8.97	8.00	2.6	2.79	102.6
1041	5/10/2010 10:31	12.53	48.56	31.63	8.88	7.99	2.1	2.80	101.7
1042	5/10/2010 10:46	12.75	48.34	31.49	9.03	8.01	2.4	2.82	103.8
1043	5/10/2010 11:01	12.61	48.59	31.66	8.79	7.99	1.5	2.81	100.8
1044	5/10/2010 11:16	12.55	48.57	31.64	8.74	7.99	2.7	2.78	100.1
1045	5/10/2010 11:31	12.54	48.57	31.65	8.81	7.99	2.3	2.78	100.8
1046	5/10/2010 11:46	12.66	48.41	31.53	8.74	7.99	2.6	2.73	100.2
1047	5/10/2010 12:01	12.92	47.99	31.24	9.17	8.02	2.8	2.67	105.6
1048	5/10/2010 12:16	13.05	47.93	31.20	9.11	8.02	2.3	2.60	105.2
1049	5/10/2010 12:31	13.19	47.89	31.17	9.26	8.04	4.3	2.52	107.1
1050	5/10/2010 12:46	13.32	47.74	31.07	9.38	8.05	3.9	2.46	108.7
1051	5/10/2010 13:01	13.48	47.44	30.86	9.50	8.06	4.0	2.38	110.4
1052	5/10/2010 13:16	13.70	47.34	30.79	9.53	8.08	3.4	2.31	111.2
1053	5/10/2010 13:31	13.83	47.30	30.77	9.62	8.09	3.2	2.23	112.5
1054	5/10/2010 13:46	13.90	46.93	30.50	9.73	8.10	3.5	2.15	113.8
1055	5/10/2010 14:01	13.97	46.86	30.45	9.82	8.11	2.6	2.11	114.9
1056	5/10/2010 14:16	14.02	46.83	30.43	9.91	8.12	2.6	2.03	116.1
1057	5/10/2010 14:31	14.29	46.63	30.29	9.93	8.13	2.6	1.97	116.9
1058	5/10/2010 14:46	14.52	46.48	30.19	10.00	8.15	2.7	1.92	118.1
1059	5/10/2010 15:01	14.47	46.63	30.30	9.83	8.14	2.2	1.86	116.2
1060	5/10/2010 15:16	14.42	46.56	30.25	9.67	8.13	1.7	1.85	114.1

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	
1061	5/10/2010 15:31	14.44	46.54	30.23	9.16	8.09	1.6	1.82	108.1
1062	5/10/2010 15:46	14.43	46.54	30.23	8.83	8.09	1.9	1.80	104.1
1063	5/10/2010 16:01	14.34	46.59	30.27	10.13	8.15	2.5	1.82	119.3
1064	5/10/2010 16:16	14.31	46.60	30.27	10.13	8.14	2.7	1.82	119.2
1065	5/10/2010 16:31	14.63	46.49	30.20	10.39	8.16	2.6	1.86	123.0
1066	5/10/2010 16:46	14.51	46.85	30.46	10.38	8.16	2.8	1.90	122.9
1067	5/10/2010 17:01	14.38	46.85	30.46	10.35	8.15	3.4	1.95	122.1
1068	5/10/2010 17:16	14.57	46.63	30.30	10.38	8.15	3.3	2.01	122.8
1069	5/10/2010 17:31	14.51	46.12	29.93	10.27	8.14	4.1	2.07	121.2
1070	5/10/2010 17:46	14.27	46.71	30.36	10.08	8.12	3.2	2.14	118.7
1071	5/10/2010 18:01	14.21	46.63	30.30	10.15	8.12	3.1	2.21	119.3
1072	5/10/2010 18:16	13.94	47.19	30.69	9.89	8.10	3.3	2.27	115.8
1073	5/10/2010 18:31	13.85	47.36	30.81	9.89	8.09	2.9	2.34	115.7
1074	5/10/2010 18:46	13.63	47.46	30.88	9.73	8.08	3.4	2.40	113.4
1075	5/10/2010 19:01	13.45	47.77	31.09	9.71	8.07	3.8	2.47	112.9
1076	5/10/2010 19:16	13.25	47.75	31.07	9.65	8.05	3.5	2.55	111.7
1077	5/10/2010 19:31	13.07	48.10	31.32	9.55	8.05	3.7	2.61	110.3
1078	5/10/2010 19:46	12.98	48.26	31.43	9.56	8.04	3.2	2.69	110.3
1079	5/10/2010 20:01	12.81	48.45	31.57	9.42	8.03	4.1	2.77	108.4
1080	5/10/2010 20:16	12.70	48.58	31.66	9.48	8.03	4.4	2.84	108.9
1081	5/10/2010 20:31	12.62	48.66	31.71	9.54	8.03	4.2	2.91	109.5
1082	5/10/2010 20:46	12.48	48.84	31.83	9.52	8.03	3.8	2.99	109.0
1083	5/10/2010 21:01	12.38	48.72	31.74	9.60	8.03	4.1	3.07	109.6
1084	5/10/2010 21:16	12.28	48.96	31.92	9.72	8.03	3.8	3.13	110.9
1085	5/10/2010 21:31	12.14	49.19	32.07	9.97	8.05	4.2	3.19	113.5
1086	5/10/2010 21:46	12.02	49.07	31.98	10.19	8.05	4.3	3.26	115.7
1087	5/10/2010 22:01	11.95	49.02	31.94	10.19	8.06	3.7	3.30	115.4
1088	5/10/2010 22:16	11.78	49.40	32.21	10.25	8.06	2.4	3.33	115.9
1089	5/10/2010 22:31	11.77	49.11	32.00	10.09	8.05	2.6	3.35	114.0
1090	5/10/2010 22:46	11.80	49.05	31.95	10.25	8.06	2.1	3.35	115.8
1091	5/10/2010 23:01	11.75	49.36	32.18	10.24	8.06	2.3	3.31	115.7
1092	5/10/2010 23:16	11.85	49.08	31.98	10.17	8.06	3.5	3.27	115.0
1093	5/10/2010 23:31	12.39	48.52	31.60	9.60	8.04	4.5	3.20	109.5
1094	5/10/2010 23:46	12.52	48.43	31.54	9.47	8.03	4.3	3.12	108.3
1095	5/11/2010 0:01	12.83	48.09	31.31	9.51	8.05	3.5	3.02	109.3
1096	5/11/2010 0:16	12.90	47.99	31.23	9.70	8.07	4.3	2.92	111.6
1097	5/11/2010 0:31	12.86	48.24	31.42	9.65	8.07	4.8	2.84	111.1
1098	5/11/2010 0:46	12.94	47.78	31.09	9.39	8.04	3.8	2.73	108.1
1099	5/11/2010 1:01	13.00	47.63	30.98	9.31	8.05	3.6	2.62	107.2
1100	5/11/2010 1:16	13.13	47.63	30.99	9.38	8.06	3.9	2.53	108.2
1101	5/11/2010 1:31	13.32	47.68	31.03	9.31	8.06	4.3	2.43	108.0
1102	5/11/2010 1:46	13.39	47.52	30.91	9.33	8.07	4.8	2.31	108.2
1103	5/11/2010 2:01	13.43	47.41	30.84	9.43	8.08	5.6	2.19	109.4
1104	5/11/2010 2:16	13.40	47.15	30.65	9.36	8.08	4.7	2.09	108.5
1105	5/11/2010 2:31	13.77	46.82	30.42	9.43	8.11	5.6	1.97	109.9
1106	5/11/2010 2:46	13.83	46.69	30.32	9.48	8.12	5.1	1.87	110.6
1107	5/11/2010 3:01	13.94	46.26	30.02	9.52	8.13	4.8	1.73	111.1
1108	5/11/2010 3:16	14.04	46.06	29.88	9.47	8.14	4.5	1.63	110.6
1109	5/11/2010 3:31	14.15	45.89	29.76	9.43	8.14	4.7	1.55	110.3
1110	5/11/2010 3:46	14.17	45.98	29.82	9.39	8.14	4.3	1.46	109.9
1111	5/11/2010 4:01	14.20	46.23	30.00	9.34	8.14	4.3	1.37	109.5
1112	5/11/2010 4:16	14.25	46.02	29.86	9.31	8.15	3.8	1.33	109.3
1113	5/11/2010 4:31	14.27	45.97	29.82	9.21	8.14	3.6	1.29	108.1

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	
1114	5/11/2010 4:46	14.23	45.70	29.62	8.72	8.11	3.2	1.27	102.1
1115	5/11/2010 5:01	14.16	45.98	29.83	9.19	8.14	3.4	1.29	107.6
1116	5/11/2010 5:16	14.13	45.82	29.71	9.28	8.13	4.3	1.31	108.5
1117	5/11/2010 5:31	14.08	46.25	30.02	9.34	8.13	4.0	1.34	109.3
1118	5/11/2010 5:46	14.01	46.21	29.99	9.30	8.13	4.1	1.39	108.7
1119	5/11/2010 6:01	14.00	46.29	30.04	9.35	8.13	3.7	1.46	109.2
1120	5/11/2010 6:16	14.03	45.98	29.82	9.31	8.13	3.5	1.52	108.7
1121	5/11/2010 6:31	14.06	45.83	29.72	9.31	8.12	3.3	1.58	108.6
1122	5/11/2010 6:46	14.07	45.90	29.77	9.23	8.11	3.8	1.65	107.8
1123	5/11/2010 7:01	14.07	45.92	29.78	9.29	8.12	3.5	1.72	108.5
1124	5/11/2010 7:16	14.05	46.09	29.90	9.24	8.11	3.7	1.80	107.9
1125	5/11/2010 7:31	14.01	46.34	30.08	9.21	8.11	3.5	1.86	107.7
1126	5/11/2010 7:46	13.93	46.10	29.90	9.26	8.10	3.8	1.95	107.9
1127	5/11/2010 8:01	13.82	46.13	29.92	9.28	8.09	3.9	2.03	107.9
1128	5/11/2010 8:16	13.66	46.66	30.30	9.27	8.08	3.8	2.10	107.7
1129	5/11/2010 8:31	13.66	46.92	30.49	9.34	8.08	3.7	2.18	108.6
1130	5/11/2010 8:46	13.62	46.83	30.42	9.39	8.08	3.5	2.26	109.1
1131	5/11/2010 9:01	13.57	47.00	30.55	9.41	8.08	3.2	2.34	109.4
1132	5/11/2010 9:16	13.45	47.44	30.86	9.41	8.08	3.6	2.41	109.3
1133	5/11/2010 9:31	13.40	47.46	30.87	9.38	8.07	3.5	2.48	108.8
1134	5/11/2010 9:46	13.28	47.48	30.88	9.34	8.06	3.2	2.54	108.1
1135	5/11/2010 10:01	13.21	47.36	30.79	9.42	8.06	3.4	2.62	108.8
1136	5/11/2010 10:16	13.06	47.79	31.10	9.37	8.05	3.4	2.67	108.1
1137	5/11/2010 10:31	13.03	47.36	30.79	9.39	8.05	2.8	2.72	108.0
1138	5/11/2010 10:46	12.89	47.83	31.12	9.55	8.06	3.2	2.76	109.8
1139	5/11/2010 11:01	12.83	47.79	31.09	9.50	8.05	3.1	2.80	109.0
1140	5/11/2010 11:16	12.78	48.02	31.25	9.49	8.05	2.8	2.83	109.0
1141	5/11/2010 11:31	12.77	47.77	31.07	9.26	8.04	1.9	2.84	106.2
1142	5/11/2010 11:46	12.84	47.77	31.08	9.36	8.05	2.1	2.86	107.4
1143	5/11/2010 12:01	12.73	47.70	31.02	9.42	8.04	2.5	2.85	107.9
1144	5/11/2010 12:16	12.78	48.03	31.26	9.35	8.05	2.1	2.81	107.4
1145	5/11/2010 12:31	13.28	47.67	31.02	9.63	8.07	2.6	2.76	111.5
1146	5/11/2010 12:46	13.40	47.52	30.91	9.64	8.08	2.6	2.72	111.8
1147	5/11/2010 13:01	13.88	47.63	31.01	9.87	8.10	3.7	2.65	115.7
1148	5/11/2010 13:16	14.02	47.34	30.80	9.92	8.11	4.5	2.57	116.5
1149	5/11/2010 13:31	14.22	47.27	30.76	10.01	8.12	4.2	2.51	118.0
1150	5/11/2010 13:46	14.43	47.17	30.69	9.99	8.13	4.3	2.42	118.3
1151	5/11/2010 14:01	14.55	47.36	30.83	10.06	8.14	4.7	2.35	119.4
1152	5/11/2010 14:16	14.64	47.16	30.69	10.08	8.15	5.7	2.27	119.8
1153	5/11/2010 14:31	14.94	46.96	30.55	10.04	8.16	6.3	2.20	120.0
1154	5/11/2010 14:46	15.04	46.91	30.52	10.07	8.17	7.8	2.13	120.5
1155	5/11/2010 15:01	15.29	46.82	30.46	9.98	8.18	9.0	2.06	120.0
1156	5/11/2010 15:16	15.32	46.48	30.21	10.00	8.19	8.4	2.01	120.2
1157	5/11/2010 15:31	15.47	46.69	30.36	9.94	8.19	9.8	1.94	119.9
1158	5/11/2010 15:46	15.55	46.47	30.21	9.81	8.19	8.3	1.91	118.4
1159	5/11/2010 16:01	15.45	46.12	29.96	9.67	8.18	7.5	1.88	116.2
1160	5/11/2010 16:16	15.55	46.25	30.05	9.46	8.17	6.0	1.86	114.1
1161	5/11/2010 16:31	15.54	46.28	30.07	8.86	8.14	4.8	1.85	106.8
1162	5/11/2010 16:46	15.61	46.32	30.10	9.68	8.18	5.2	1.87	116.9
1163	5/11/2010 17:01	15.53	46.47	30.21	9.89	8.19	5.7	1.90	119.3
1164	5/11/2010 17:16	15.42	46.40	30.15	9.97	8.19	5.4	1.92	119.9
1165	5/11/2010 17:31	15.39	46.04	29.89	9.90	8.20	6.6	1.97	118.8
1166	5/11/2010 17:46	15.35	46.24	30.04	9.89	8.19	5.7	2.03	118.7

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	
1167	5/11/2010 18:01	15.27	46.40	30.15	9.89	8.18	5.2	2.08	118.6
1168	5/11/2010 18:16	15.11	46.48	30.21	9.84	8.17	4.5	2.14	117.8
1169	5/11/2010 18:31	15.28	46.37	30.13	10.09	8.19	5.6	2.21	121.0
1170	5/11/2010 18:46	15.32	45.85	29.75	10.15	8.19	5.2	2.28	121.5
1171	5/11/2010 19:01	15.33	45.91	29.80	10.11	8.18	4.7	2.36	121.2
1172	5/11/2010 19:16	15.05	46.17	29.98	10.05	8.17	4.5	2.42	119.9
1173	5/11/2010 19:31	14.69	46.69	30.35	10.07	8.15	4.3	2.50	119.5
1174	5/11/2010 19:46	14.70	46.57	30.26	10.20	8.16	4.6	2.57	121.1
1175	5/11/2010 20:01	14.43	46.79	30.41	10.22	8.15	5.1	2.64	120.7
1176	5/11/2010 20:16	14.16	46.63	30.29	10.09	8.14	4.1	2.71	118.5
1177	5/11/2010 20:31	13.80	47.19	30.69	10.12	8.13	4.0	2.80	118.2
1178	5/11/2010 20:46	13.45	47.45	30.86	10.10	8.12	4.0	2.87	117.3
1179	5/11/2010 21:01	12.82	47.95	31.20	10.11	8.09	4.0	2.95	116.2
1180	5/11/2010 21:16	12.65	48.56	31.64	10.17	8.09	4.9	3.03	116.7
1181	5/11/2010 21:31	12.49	48.62	31.68	10.28	8.10	5.6	3.11	117.6
1182	5/11/2010 21:46	12.39	48.70	31.73	10.40	8.10	5.2	3.19	118.7
1183	5/11/2010 22:01	12.24	48.75	31.76	10.46	8.10	4.4	3.25	119.1
1184	5/11/2010 22:16	12.13	48.78	31.78	10.43	8.10	4.3	3.31	118.5
1185	5/11/2010 22:31	12.02	49.07	31.98	10.46	8.10	4.0	3.36	118.7
1186	5/11/2010 22:46	11.97	49.08	31.99	10.38	8.09	3.4	3.38	117.6
1187	5/11/2010 23:01	12.17	48.71	31.73	10.24	8.09	3.4	3.40	116.4
1188	5/11/2010 23:16	11.90	48.94	31.88	10.41	8.09	3.3	3.39	117.8
1189	5/11/2010 23:31	11.88	49.07	31.97	10.37	8.09	4.1	3.37	117.4
1190	5/11/2010 23:46	12.03	49.01	31.94	10.27	8.09	3.8	3.32	116.6
1191	5/12/2010 0:01	12.55	48.25	31.41	9.91	8.09	3.7	3.24	113.3
1192	5/12/2010 0:16	12.49	48.47	31.57	9.97	8.09	4.9	3.16	114.0
1193	5/12/2010 0:31	12.96	47.77	31.08	9.87	8.11	5.1	3.06	113.6
1194	5/12/2010 0:46	13.17	47.78	31.09	9.65	8.10	4.5	2.96	111.5
1195	5/12/2010 1:01	13.20	47.53	30.91	9.56	8.09	4.6	2.86	110.5
1196	5/12/2010 1:16	13.32	47.75	31.08	9.49	8.09	4.5	2.75	110.1
1197	5/12/2010 1:31	13.40	47.41	30.83	9.54	8.09	5.1	2.65	110.6
1198	5/12/2010 1:46	13.62	47.16	30.66	9.49	8.10	5.1	2.52	110.4
1199	5/12/2010 2:01	13.80	47.19	30.69	9.40	8.11	6.4	2.42	109.8
1200	5/12/2010 2:16	13.84	47.09	30.61	9.38	8.11	6.9	2.30	109.6
1201	5/12/2010 2:31	13.73	47.01	30.55	9.31	8.11	6.7	2.18	108.5
1202	5/12/2010 2:46	13.73	47.10	30.62	9.17	8.10	7.3	2.04	106.9
1203	5/12/2010 3:01	13.98	46.90	30.49	8.99	8.11	9.1	1.91	105.2
1204	5/12/2010 3:16	14.17	46.72	30.36	8.84	8.11	9.2	1.79	103.8
1205	5/12/2010 3:31	14.35	46.13	29.94	8.67	8.11	9.0	1.66	102.0
1206	5/12/2010 3:46	14.44	46.36	30.11	8.55	8.11	8.4	1.53	100.8
1207	5/12/2010 4:01	14.56	46.05	29.89	8.49	8.11	8.5	1.41	100.2
1208	5/12/2010 4:16	14.68	46.14	29.95	8.40	8.11	8.9	1.31	99.5
1209	5/12/2010 4:31	14.74	45.92	29.80	8.29	8.11	9.6	1.22	98.1
1210	5/12/2010 4:46	14.76	45.86	29.75	8.14	8.11	8.5	1.14	96.4
1211	5/12/2010 5:01	14.75	45.93	29.80	8.03	8.10	8.0	1.09	95.1
1212	5/12/2010 5:16	14.77	45.76	29.68	7.63	8.10	7.3	1.09	90.4
1213	5/12/2010 5:31	14.70	45.80	29.71	8.03	8.10	7.9	1.08	95.0
1214	5/12/2010 5:46	14.72	45.93	29.80	8.09	8.10	6.8	1.11	95.8
1215	5/12/2010 6:01	14.72	45.69	29.63	8.10	8.10	7.3	1.15	95.8
1216	5/12/2010 6:16	14.70	45.89	29.77	8.13	8.10	7.0	1.21	96.2
1217	5/12/2010 6:31	14.69	45.88	29.76	8.20	8.10	6.3	1.26	96.9
1218	5/12/2010 6:46	14.66	45.83	29.73	8.19	8.10	6.2	1.32	96.8
1219	5/12/2010 7:01	14.66	45.47	29.47	8.22	8.10	6.6	1.39	97.0

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		
1220	5/12/2010 7:16	14.67	45.44	29.45	8.21	8.09	6.9	1.45	96.9
1221	5/12/2010 7:31	14.66	45.47	29.47	8.23	8.09	6.3	1.53	97.1
1222	5/12/2010 7:46	14.61	45.72	29.65	8.21	8.09	6.0	1.60	96.9
1223	5/12/2010 8:01	14.59	45.61	29.57	8.16	8.09	5.6	1.68	96.2
1224	5/12/2010 8:16	14.51	45.49	29.48	8.34	8.09	5.7	1.77	98.1
1225	5/12/2010 8:31	14.41	45.70	29.63	8.48	8.09	5.7	1.86	99.7
1226	5/12/2010 8:46	14.27	45.61	29.56	8.71	8.10	5.5	1.95	102.0
1227	5/12/2010 9:01	14.03	46.31	30.06	8.84	8.09	4.5	2.04	103.4
1228	5/12/2010 9:16	13.91	46.89	30.47	8.95	8.09	4.5	2.13	104.7
1229	5/12/2010 9:31	13.86	46.80	30.41	9.05	8.10	4.2	2.23	105.7
1230	5/12/2010 9:46	13.75	46.99	30.54	9.14	8.10	5.5	2.31	106.5
1231	5/12/2010 10:01	13.70	47.02	30.56	9.20	8.10	4.5	2.39	107.2
1232	5/12/2010 10:16	13.55	46.82	30.42	9.32	8.10	4.5	2.48	108.1
1233	5/12/2010 10:31	13.48	47.12	30.63	9.45	8.10	5.3	2.55	109.6
1234	5/12/2010 10:46	13.28	47.30	30.75	9.70	8.10	6.1	2.61	112.2
1235	5/12/2010 11:01	13.18	47.21	30.69	9.76	8.10	5.2	2.68	112.5
1236	5/12/2010 11:16	13.10	47.37	30.80	9.88	8.11	5.5	2.73	113.8
1237	5/12/2010 11:31	12.90	47.73	31.05	9.97	8.11	4.8	2.79	114.6
1238	5/12/2010 11:46	12.67	47.82	31.11	9.88	8.09	4.2	2.82	113.1
1239	5/12/2010 12:01	12.44	48.18	31.36	9.86	8.09	4.8	2.86	112.5
1240	5/12/2010 12:16	12.36	48.36	31.48	9.89	8.09	4.0	2.88	112.7
1241	5/12/2010 12:31	12.75	47.83	31.12	9.99	8.10	4.0	2.88	114.5
1242	5/12/2010 12:46	12.43	48.02	31.24	9.81	8.09	3.8	2.88	111.8
1243	5/12/2010 13:01	12.47	48.08	31.28	9.74	8.09	3.6	2.85	111.1
1244	5/12/2010 13:16	12.78	48.14	31.34	9.96	8.11	4.2	2.81	114.4
1245	5/12/2010 13:31	13.22	47.69	31.03	10.18	8.13	3.9	2.75	117.7
1246	5/12/2010 13:46	13.39	47.58	30.96	10.18	8.13	4.4	2.68	118.2
1247	5/12/2010 14:01	13.96	46.88	30.47	10.21	8.14	4.6	2.61	119.5
1248	5/12/2010 14:16	14.42	47.34	30.81	10.31	8.16	3.6	2.53	122.1
1249	5/12/2010 14:31	14.69	47.29	30.78	10.47	8.17	3.8	2.45	124.6
1250	5/12/2010 14:46	15.00	47.08	30.64	10.53	8.18	3.4	2.38	126.0
1251	5/12/2010 15:01	15.06	46.70	30.37	10.59	8.20	4.5	2.30	126.7
1252	5/12/2010 15:16	15.45	46.51	30.23	10.63	8.21	4.2	2.23	128.0
1253	5/12/2010 15:31	15.77	46.58	30.29	10.52	8.22	4.5	2.16	127.6
1254	5/12/2010 15:46	15.81	46.16	29.98	10.57	8.22	4.9	2.09	128.0
1255	5/12/2010 16:01	15.93	46.07	29.93	10.51	8.22	4.8	2.03	127.6
1256	5/12/2010 16:16	16.04	46.03	29.90	10.44	8.23	4.8	1.98	126.9
1257	5/12/2010 16:31	15.97	46.15	29.98	10.21	8.22	4.0	1.95	124.1
1258	5/12/2010 16:46	15.99	46.19	30.01	10.07	8.21	3.8	1.92	122.5
1259	5/12/2010 17:01	15.96	46.11	29.95	9.00	8.16	2.1	1.90	109.3
1260	5/12/2010 17:16	15.46	46.22	30.02	10.04	8.19	3.2	1.91	120.8
1261	5/12/2010 17:31	15.67	46.24	30.05	10.31	8.21	3.4	1.92	124.6
1262	5/12/2010 17:46	15.65	45.82	29.74	10.35	8.21	3.6	1.96	124.8
1263	5/12/2010 18:01	15.69	46.02	29.89	10.35	8.21	3.7	1.99	125.0
1264	5/12/2010 18:16	15.62	46.17	29.99	10.27	8.20	3.7	2.04	123.9
1265	5/12/2010 18:31	15.49	46.24	30.04	10.24	8.19	3.5	2.11	123.3
1266	5/12/2010 18:46	15.39	46.26	30.05	10.43	8.20	3.8	2.16	125.3
1267	5/12/2010 19:01	15.48	46.00	29.87	10.42	8.20	3.8	2.24	125.3
1268	5/12/2010 19:16	15.21	46.39	30.14	10.26	8.18	3.1	2.30	122.9
1269	5/12/2010 19:31	15.37	46.19	30.01	10.23	8.18	3.4	2.38	122.9
1270	5/12/2010 19:46	15.00	46.38	30.13	10.19	8.17	3.7	2.45	121.6
1271	5/12/2010 20:01	15.00	46.31	30.08	10.26	8.17	3.7	2.53	122.4
1272	5/12/2010 20:16	14.58	46.92	30.51	10.26	8.17	3.4	2.60	121.6

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	
1273	5/12/2010 20:31	14.07	47.20	30.70	10.14	8.15	3.4	2.68	119.1
1274	5/12/2010 20:46	14.01	47.22	30.72	10.23	8.15	5.2	2.76	120.0
1275	5/12/2010 21:01	13.42	47.79	31.11	10.10	8.13	3.8	2.84	117.4
1276	5/12/2010 21:16	12.55	48.50	31.59	9.72	8.08	4.2	2.92	111.3
1277	5/12/2010 21:31	12.48	48.65	31.70	9.82	8.09	6.4	3.01	112.3
1278	5/12/2010 21:46	12.16	48.80	31.79	9.77	8.08	6.3	3.10	111.1
1279	5/12/2010 22:01	12.06	49.09	32.00	9.83	8.08	6.5	3.18	111.7
1280	5/12/2010 22:16	11.86	49.16	32.04	9.88	8.08	6.1	3.25	111.7
1281	5/12/2010 22:31	11.65	49.39	32.19	9.80	8.07	6.0	3.33	110.5
1282	5/12/2010 22:46	11.45	49.81	32.49	9.65	8.06	4.2	3.38	108.6
1283	5/12/2010 23:01	11.32	49.64	32.36	9.55	8.05	4.4	3.43	107.0
1284	5/12/2010 23:16	11.22	50.05	32.65	9.40	8.05	2.6	3.46	105.4
1285	5/12/2010 23:31	11.36	49.68	32.39	9.25	8.04	2.3	3.47	103.7
1286	5/12/2010 23:46	11.20	49.80	32.47	9.21	8.03	3.4	3.47	103.0
1287	5/13/2010 0:01	11.19	49.75	32.43	9.21	8.03	3.2	3.44	103.0
1288	5/13/2010 0:16	11.73	49.32	32.15	9.27	8.05	3.7	3.38	104.6
1289	5/13/2010 0:31	12.43	48.73	31.75	9.40	8.08	4.3	3.31	107.5
1290	5/13/2010 0:46	12.57	48.64	31.70	9.38	8.08	4.0	3.23	107.5
1291	5/13/2010 1:01	12.77	48.48	31.59	9.37	8.09	4.5	3.12	107.8
1292	5/13/2010 1:16	12.84	48.32	31.47	9.34	8.09	4.5	3.01	107.5
1293	5/13/2010 1:31	12.79	48.52	31.62	9.34	8.08	4.4	2.91	107.4
1294	5/13/2010 1:46	13.19	47.87	31.16	9.35	8.09	4.7	2.80	108.2
1295	5/13/2010 2:01	13.50	47.72	31.06	9.31	8.10	4.2	2.69	108.4
1296	5/13/2010 2:16	13.60	47.53	30.93	9.27	8.11	5.3	2.56	108.0
1297	5/13/2010 2:31	13.56	47.75	31.09	9.32	8.09	5.6	2.45	108.5
1298	5/13/2010 2:46	14.15	47.08	30.61	9.26	8.12	6.4	2.32	108.9
1299	5/13/2010 3:01	13.91	47.39	30.84	9.25	8.11	7.2	2.18	108.4
1300	5/13/2010 3:16	13.99	47.03	30.58	9.07	8.11	6.2	2.06	106.2
1301	5/13/2010 3:31	14.33	46.97	30.54	8.97	8.12	7.6	1.93	105.8
1302	5/13/2010 3:46	14.29	47.08	30.62	8.82	8.11	8.2	1.79	104.0
1303	5/13/2010 4:01	14.57	46.58	30.27	8.73	8.12	8.4	1.65	103.3
1304	5/13/2010 4:16	14.73	46.46	30.18	8.62	8.12	8.0	1.51	102.3
1305	5/13/2010 4:31	14.93	46.43	30.17	8.54	8.12	7.6	1.38	101.8
1306	5/13/2010 4:46	15.08	46.11	29.94	8.52	8.13	7.5	1.25	101.6
1307	5/13/2010 5:01	15.15	45.99	29.85	8.46	8.13	8.0	1.12	101.1
1308	5/13/2010 5:16	15.23	45.25	29.32	8.36	8.12	7.4	1.02	99.7
1309	5/13/2010 5:31	15.29	45.57	29.55	8.17	8.11	8.2	0.96	97.7
1310	5/13/2010 5:46	15.42	45.40	29.43	7.91	8.11	7.3	0.92	94.7
1311	5/13/2010 6:01	15.43	45.24	29.32	7.68	8.10	5.6	0.90	91.9
1312	5/13/2010 6:16	15.33	45.00	29.14	8.07	8.11	6.3	0.94	96.3
1313	5/13/2010 6:31	15.36	45.26	29.33	8.10	8.11	5.9	0.97	96.8
1314	5/13/2010 6:46	15.30	45.16	29.26	8.11	8.11	5.6	1.01	96.9
1315	5/13/2010 7:01	15.29	45.15	29.25	8.17	8.12	6.1	1.09	97.5
1316	5/13/2010 7:16	15.27	45.31	29.36	8.16	8.12	5.8	1.15	97.4
1317	5/13/2010 7:31	15.26	44.59	28.85	8.15	8.11	6.4	1.21	97.0
1318	5/13/2010 7:46	15.23	45.05	29.18	8.14	8.11	6.0	1.28	97.0
1319	5/13/2010 8:01	15.20	45.13	29.23	8.16	8.10	5.9	1.34	97.2
1320	5/13/2010 8:16	15.17	45.00	29.14	8.19	8.10	5.9	1.42	97.4
1321	5/13/2010 8:31	15.12	45.03	29.16	8.21	8.10	5.7	1.51	97.6
1322	5/13/2010 8:46	15.07	44.93	29.09	8.13	8.10	5.4	1.60	96.5
1323	5/13/2010 9:01	14.91	45.25	29.31	8.27	8.09	5.7	1.69	97.9
1324	5/13/2010 9:16	14.56	45.56	29.53	8.53	8.09	5.2	1.79	100.5
1325	5/13/2010 9:31	14.56	45.36	29.38	8.63	8.10	5.4	1.89	101.5

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		
1326	5/13/2010 9:46	14.41	45.94	29.80	8.71	8.09	5.0	1.99	102.4
1327	5/13/2010 10:01	14.18	46.01	29.84	8.83	8.10	5.4	2.09	103.4
1328	5/13/2010 10:16	14.10	46.30	30.05	8.87	8.10	5.1	2.18	103.8
1329	5/13/2010 10:31	14.08	45.75	29.66	8.94	8.10	5.3	2.28	104.4
1330	5/13/2010 10:46	13.81	46.76	30.38	8.95	8.09	5.1	2.36	104.4
1331	5/13/2010 11:01	13.72	46.48	30.17	9.09	8.09	5.7	2.44	105.7
1332	5/13/2010 11:16	13.50	46.45	30.14	9.24	8.10	7.3	2.52	107.0
1333	5/13/2010 11:31	13.40	46.79	30.39	9.29	8.10	6.3	2.59	107.5
1334	5/13/2010 11:46	13.18	46.81	30.39	9.41	8.09	6.8	2.66	108.3
1335	5/13/2010 12:01	12.91	47.40	30.81	9.35	8.08	7.6	2.72	107.4
1336	5/13/2010 12:16	12.61	47.66	30.99	9.29	8.07	8.1	2.77	106.1
1337	5/13/2010 12:31	12.32	48.20	31.36	9.26	8.07	7.0	2.83	105.4
1338	5/13/2010 12:46	12.19	48.37	31.49	9.23	8.06	5.2	2.86	104.8
1339	5/13/2010 13:01	12.12	48.29	31.42	9.33	8.07	4.0	2.89	105.7
1340	5/13/2010 13:16	12.17	48.14	31.31	9.07	8.06	3.6	2.91	102.9
1341	5/13/2010 13:31	12.06	48.51	31.58	9.06	8.05	3.4	2.91	102.6
1342	5/13/2010 13:46	12.04	48.28	31.41	9.14	8.06	5.1	2.88	103.5
1343	5/13/2010 14:01	12.43	47.95	31.19	9.28	8.08	4.2	2.84	105.7
	Mean	12.84	45.73	29.61	8.92	8.00	5.4	2.28	101.6
	Minimum	10.58	39.54	25.20	7.20	7.79	1.2	0.74	80.6
	Maximum	16.04	50.05	32.65	11.00	8.23	30.1	3.71	133.0

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	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
0	5/13/2010 14:31	13.37	48.27	31.45	9.43	8.14	4.8	2.65	109.7
1	5/13/2010 14:46	14.23	47.53	30.94	9.72	8.17	5.1	2.59	114.8
2	5/13/2010 15:01	14.26	46.90	30.49	9.68	8.27	5.2	2.51	114.0
3	5/13/2010 15:16	14.71	47.90	31.22	9.91	8.18	4.1	2.43	118.3
4	5/13/2010 15:31	14.92	47.76	31.13	10.07	8.20	4.2	2.35	120.7
5	5/13/2010 15:46	15.16	46.80	30.44	10.22	8.17	4.3	2.28	122.6
6	5/13/2010 16:01	15.19	47.37	30.85	10.22	8.21	4.0	2.21	122.9
7	5/13/2010 16:16	15.45	46.25	30.05	10.11	8.17	5.0	2.13	121.6
8	5/13/2010 16:31	15.72	46.69	30.37	10.16	8.17	4.8	2.07	123.1
9	5/13/2010 16:46	15.86	45.91	29.81	10.10	8.17	4.1	2.02	122.4
10	5/13/2010 17:01	15.97	46.61	30.32	10.02	8.25	3.8	1.97	122.0
11	5/13/2010 17:16	16.02	46.65	30.34	9.98	8.24	3.4	1.93	121.6
12	5/13/2010 17:31	16.02	46.50	30.24	9.75	8.23	2.4	1.91	118.8
13	5/13/2010 17:46	15.63	46.56	30.27	9.66	8.21	2.8	1.91	116.8
14	5/13/2010 18:01	15.46	46.80	30.44	9.77	8.20	2.7	1.91	117.8
15	5/13/2010 18:16	15.87	45.75	29.69	10.18	8.27	3.1	1.94	123.2
16	5/13/2010 18:31	15.75	46.52	30.25	10.09	8.26	3.1	1.97	122.3
17	5/13/2010 18:46	15.54	46.70	30.37	9.95	8.22	3.3	2.02	120.1
18	5/13/2010 19:01	15.39	46.88	30.50	9.83	8.39	3.7	2.08	118.5
19	5/13/2010 19:16	15.74	46.51	30.24	10.05	8.23	3.8	2.15	121.8
20	5/13/2010 19:31	15.22	46.88	30.50	9.75	8.16	3.3	2.21	117.1
21	5/13/2010 19:46	14.99	46.23	30.02	9.67	8.10	3.5	2.28	115.3
22	5/13/2010 20:01	14.58	47.43	30.88	9.44	8.15	3.5	2.36	112.2
23	5/13/2010 20:16	14.63	47.45	30.90	9.68	8.17	3.7	2.43	115.1
24	5/13/2010 20:31	14.42	47.61	31.01	9.56	8.17	3.4	2.50	113.3
25	5/13/2010 20:46	14.18	47.76	31.11	9.57	8.28	4.1	2.59	113.0
26	5/13/2010 21:01	13.76	47.32	30.78	9.54	8.18	3.8	2.66	111.5
27	5/13/2010 21:16	13.37	48.42	31.56	9.31	8.13	3.3	2.75	108.4
28	5/13/2010 21:31	12.50	49.12	32.04	8.88	8.02	5.0	2.83	101.8
29	5/13/2010 21:46	12.46	49.16	32.07	8.97	8.30	6.2	2.92	102.8
30	5/13/2010 22:01	12.18	49.38	32.21	8.96	8.30	8.1	3.00	102.2
31	5/13/2010 22:16	12.05	49.45	32.26	9.05	8.08	4.8	3.09	103.0
32	5/13/2010 22:31	11.88	49.60	32.36	9.14	8.03	6.1	3.18	103.6
33	5/13/2010 22:46	11.67	49.76	32.47	9.13	8.11	5.5	3.26	103.2
34	5/13/2010 23:01	11.39	49.44	32.22	9.06	8.06	5.1	3.33	101.6
35	5/13/2010 23:16	11.16	50.17	32.74	8.88	8.18	3.5	3.40	99.4
36	5/13/2010 23:31	11.00	49.41	32.17	8.81	8.04	3.8	3.45	97.9
37	5/13/2010 23:46	10.94	50.36	32.86	8.69	8.04	2.0	3.49	96.9
38	5/14/2010 0:01	10.89	50.39	32.88	8.52	8.16	1.3	3.52	95.0
39	5/14/2010 0:16	11.08	50.27	32.81	8.49	8.27	2.0	3.51	95.0
40	5/14/2010 0:31	10.90	49.95	32.56	8.54	8.03	2.0	3.49	95.0
41	5/14/2010 0:46	11.55	49.87	32.54	8.69	8.18	4.2	3.43	98.0
42	5/14/2010 1:01	11.82	49.20	32.07	8.76	8.06	2.9	3.37	99.1
43	5/14/2010 1:16	11.97	49.48	32.27	8.82	8.09	3.4	3.28	100.1
44	5/14/2010 1:31	12.31	49.20	32.09	8.79	8.09	3.2	3.17	100.4
45	5/14/2010 1:46	12.68	48.91	31.90	8.80	8.10	3.8	3.06	101.2
46	5/14/2010 2:01	12.90	48.71	31.76	8.87	8.11	4.1	2.95	102.5
47	5/14/2010 2:16	13.08	48.55	31.65	8.88	8.04	4.2	2.84	102.8
48	5/14/2010 2:31	12.89	48.65	31.71	8.93	8.11	3.5	2.72	103.1
49	5/14/2010 2:46	13.49	48.21	31.41	8.79	8.23	3.8	2.60	102.5
50	5/14/2010 3:01	13.13	48.29	31.46	8.78	8.10	4.0	2.47	101.7
51	5/14/2010 3:16	13.89	47.87	31.18	8.83	8.13	5.7	2.35	103.6
52	5/14/2010 3:31	13.81	47.93	31.22	8.74	8.11	5.6	2.21	102.5

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	
53	5/14/2010 3:46	14.07	47.70	31.07	8.71	8.12	6.5	2.06	102.6
54	5/14/2010 4:01	14.22	47.57	30.98	8.71	8.12	7.1	1.93	102.8
55	5/14/2010 4:16	14.31	47.50	30.92	8.51	8.11	7.1	1.79	100.6
56	5/14/2010 4:31	14.59	47.28	30.77	8.50	8.12	7.6	1.64	100.9
57	5/14/2010 4:46	14.78	47.06	30.62	8.48	8.13	7.0	1.48	101.1
58	5/14/2010 5:01	15.18	46.84	30.47	8.43	8.14	8.2	1.33	101.2
59	5/14/2010 5:16	15.40	46.67	30.35	8.41	8.15	7.2	1.19	101.2
60	5/14/2010 5:31	15.58	46.54	30.26	8.36	8.25	7.3	1.04	101.0
61	5/14/2010 5:46	15.64	46.47	30.21	8.27	8.13	7.5	0.92	100.0
62	5/14/2010 6:01	15.72	46.37	30.14	8.17	8.13	7.3	0.83	98.9
63	5/14/2010 6:16	15.78	46.31	30.10	7.99	8.11	5.8	0.76	96.8
64	5/14/2010 6:31	15.92	45.88	29.79	7.83	8.12	5.2	0.72	95.0
65	5/14/2010 6:46	15.74	46.32	30.10	7.98	8.30	5.5	0.74	96.6
66	5/14/2010 7:01	15.77	46.30	30.09	8.04	8.12	5.2	0.79	97.4
67	5/14/2010 7:16	15.69	46.37	30.13	8.08	8.12	4.9	0.84	97.7
68	5/14/2010 7:31	15.67	46.39	30.15	8.08	8.12	5.1	0.92	97.6
69	5/14/2010 7:46	15.67	46.39	30.15	8.08	8.11	5.4	0.99	97.7
70	5/14/2010 8:01	15.67	45.79	29.72	8.11	8.21	5.9	1.04	97.8
71	5/14/2010 8:16	15.62	45.96	29.84	8.04	8.30	5.2	1.11	96.9
72	5/14/2010 8:31	15.58	45.24	29.32	8.16	8.03	5.6	1.18	98.0
73	5/14/2010 8:46	15.52	45.65	29.62	8.10	8.11	5.4	1.25	97.3
74	5/14/2010 9:01	15.48	45.30	29.36	8.12	8.02	5.4	1.32	97.4
75	5/14/2010 9:16	15.44	45.88	29.78	8.09	8.02	5.4	1.42	97.1
76	5/14/2010 9:31	15.35	46.15	29.97	8.08	8.06	5.2	1.51	97.0
77	5/14/2010 9:46	15.30	45.82	29.73	8.23	8.13	5.9	1.61	98.5
78	5/14/2010 10:01	15.00	46.15	29.96	8.24	8.09	5.6	1.71	98.2
79	5/14/2010 10:16	14.79	46.59	30.28	8.31	8.09	5.5	1.82	98.8
80	5/14/2010 10:31	14.58	46.34	30.09	8.44	8.10	5.6	1.93	99.8
81	5/14/2010 10:46	14.55	47.04	30.60	8.47	8.10	5.2	2.04	100.4
82	5/14/2010 11:01	14.38	47.43	30.88	8.56	8.10	6.5	2.14	101.3
83	5/14/2010 11:16	14.16	47.63	31.01	8.61	8.21	7.9	2.24	101.5
84	5/14/2010 11:31	14.06	47.66	31.04	8.73	8.13	6.7	2.33	102.7
85	5/14/2010 11:46	13.81	47.71	31.06	8.71	8.21	9.2	2.42	102.0
86	5/14/2010 12:01	13.56	47.88	31.18	8.77	8.08	8.3	2.50	102.2
87	5/14/2010 12:16	13.48	47.99	31.26	8.80	8.08	7.6	2.57	102.5
88	5/14/2010 12:31	13.29	48.18	31.39	8.76	8.08	6.6	2.64	101.7
89	5/14/2010 12:46	12.88	48.56	31.65	8.70	8.06	6.8	2.70	100.3
90	5/14/2010 13:01	12.46	48.66	31.70	8.68	8.03	6.3	2.76	99.3
91	5/14/2010 13:16	12.27	49.16	32.06	8.60	8.06	5.2	2.81	98.2
92	5/14/2010 13:31	12.13	49.05	31.97	8.61	8.05	4.5	2.85	98.0
93	5/14/2010 13:46	12.10	49.35	32.19	8.53	8.05	2.9	2.87	97.1
94	5/14/2010 14:01	12.06	49.38	32.21	8.39	8.16	2.7	2.89	95.4
95	5/14/2010 14:16	12.02	49.04	31.96	8.26	8.00	2.3	2.89	93.7
96	5/14/2010 14:31	12.00	49.44	32.25	8.37	8.04	3.4	2.85	95.1
97	5/14/2010 14:46	12.18	49.32	32.17	8.46	8.27	4.4	2.79	96.5
98	5/14/2010 15:01	13.04	48.75	31.79	9.01	8.02	4.6	2.75	104.3
99	5/14/2010 15:16	13.38	48.16	31.38	9.31	8.09	4.9	2.68	108.3
100	5/14/2010 15:31	13.62	48.60	31.70	9.46	8.14	4.5	2.60	110.7
101	5/14/2010 15:46	13.77	48.46	31.61	9.51	8.14	5.1	2.52	111.6
102	5/14/2010 16:01	13.98	48.30	31.50	9.55	8.15	4.8	2.45	112.5
103	5/14/2010 16:16	14.34	48.01	31.29	9.61	8.16	4.9	2.38	113.9
104	5/14/2010 16:31	14.47	47.97	31.27	9.72	8.18	4.6	2.30	115.5
105	5/14/2010 16:46	14.59	47.67	31.06	9.57	8.18	4.8	2.24	113.8

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	
106	5/14/2010 17:01	14.80	47.39	30.86	9.55	8.17	5.2	2.17	114.0
107	5/14/2010 17:16	14.92	47.25	30.76	9.61	8.37	5.2	2.12	115.0
108	5/14/2010 17:31	15.01	47.11	30.66	9.61	8.19	4.2	2.07	115.1
109	5/14/2010 17:46	15.14	46.83	30.46	9.45	8.18	4.3	2.02	113.3
110	5/14/2010 18:01	15.14	46.85	30.48	9.44	8.28	4.1	1.99	113.1
111	5/14/2010 18:16	15.19	46.75	30.40	9.26	8.16	3.4	1.98	111.1
112	5/14/2010 18:31	15.10	46.83	30.46	9.17	8.15	3.0	1.97	109.8
113	5/14/2010 18:46	15.07	46.94	30.54	9.41	8.37	3.7	1.96	112.7
114	5/14/2010 19:01	14.99	46.97	30.56	9.40	8.17	3.5	2.00	112.5
115	5/14/2010 19:16	15.05	46.86	30.48	9.40	8.16	3.4	2.04	112.5
116	5/14/2010 19:31	14.88	47.10	30.65	9.28	8.14	3.9	2.08	110.8
117	5/14/2010 19:46	14.77	47.24	30.75	9.16	8.13	4.5	2.13	109.2
118	5/14/2010 20:01	14.95	47.02	30.59	9.35	8.26	5.1	2.20	111.7
119	5/14/2010 20:16	14.64	47.38	30.85	9.18	8.05	4.0	2.28	109.2
120	5/14/2010 20:31	14.44	47.54	30.95	9.11	8.32	4.3	2.34	108.0
121	5/14/2010 20:46	14.33	47.62	31.01	9.12	8.11	4.1	2.42	107.9
122	5/14/2010 21:01	14.12	47.80	31.14	9.14	8.03	4.0	2.50	107.7
123	5/14/2010 21:16	13.87	47.96	31.25	9.06	8.31	4.9	2.58	106.3
124	5/14/2010 21:31	13.25	48.49	31.61	8.90	8.08	4.2	2.65	103.5
125	5/14/2010 21:46	12.80	48.90	31.89	8.66	8.05	3.4	2.74	99.8
126	5/14/2010 22:01	12.26	49.31	32.17	8.37	8.02	5.1	2.82	95.6
127	5/14/2010 22:16	12.14	49.39	32.22	8.36	8.02	5.1	2.91	95.2
128	5/14/2010 22:31	11.96	49.50	32.29	8.33	8.02	6.6	2.99	94.6
129	5/14/2010 22:46	11.69	49.70	32.42	8.20	8.01	5.9	3.08	92.7
130	5/14/2010 23:01	11.44	49.83	32.50	8.20	8.01	6.4	3.17	92.2
131	5/14/2010 23:16	11.28	49.96	32.59	8.13	8.00	6.2	3.25	91.2
132	5/14/2010 23:31	10.97	50.18	32.73	7.96	7.92	5.0	3.32	88.8
133	5/14/2010 23:46	10.67	50.40	32.87	7.76	7.91	4.9	3.39	86.0
134	5/15/2010 0:01	10.47	50.23	32.74	7.61	7.95	4.6	3.46	84.0
135	5/15/2010 0:16	10.38	50.61	33.01	7.53	7.95	2.8	3.50	83.0
136	5/15/2010 0:31	10.38	50.61	33.01	7.48	8.19	1.6	3.52	82.5
137	5/15/2010 0:46	10.70	50.41	32.88	7.47	7.96	2.7	3.54	82.9
138	5/15/2010 1:01	10.45	50.61	33.01	7.36	7.88	2.4	3.53	81.3
139	5/15/2010 1:16	10.40	50.62	33.02	7.41	8.19	2.4	3.50	81.7
140	5/15/2010 1:31	10.80	50.32	32.82	7.55	7.96	3.4	3.45	83.9
141	5/15/2010 1:46	11.23	50.01	32.62	7.89	7.92	3.2	3.37	88.4
142	5/15/2010 2:01	11.19	50.02	32.63	7.87	8.22	3.8	3.28	88.1
143	5/15/2010 2:16	11.73	49.58	32.34	7.98	8.01	3.2	3.17	90.2
144	5/15/2010 2:31	12.05	49.35	32.19	8.00	8.24	3.7	3.06	91.0
145	5/15/2010 2:46	12.26	49.14	32.05	8.13	8.03	4.9	2.94	92.8
146	5/15/2010 3:01	12.71	48.77	31.79	8.20	8.27	4.9	2.82	94.3
147	5/15/2010 3:16	12.76	48.72	31.76	8.25	8.05	4.2	2.70	94.9
148	5/15/2010 3:31	12.59	48.90	31.88	8.23	8.03	4.8	2.58	94.5
149	5/15/2010 3:46	12.81	48.71	31.76	8.21	8.26	4.9	2.45	94.7
150	5/15/2010 4:01	13.24	48.19	31.39	8.21	8.06	5.9	2.31	95.2
151	5/15/2010 4:16	13.44	47.61	30.98	8.22	8.10	7.6	2.17	95.5
152	5/15/2010 4:31	13.54	48.08	31.32	8.19	8.06	7.8	2.02	95.6
153	5/15/2010 4:46	13.61	48.01	31.27	8.16	8.05	8.2	1.88	95.3
154	5/15/2010 5:01	13.80	47.83	31.15	8.15	8.05	9.0	1.73	95.5
155	5/15/2010 5:16	14.22	47.44	30.88	8.05	8.06	8.3	1.57	95.0
156	5/15/2010 5:31	14.30	47.38	30.84	8.03	8.06	7.6	1.40	94.9
157	5/15/2010 5:46	14.69	47.07	30.62	8.01	8.07	7.9	1.24	95.3
158	5/15/2010 6:01	14.83	46.96	30.55	8.00	8.07	8.5	1.10	95.3

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	
159	5/15/2010 6:16	14.81	46.97	30.55	7.95	8.07	8.2	0.96	94.7
160	5/15/2010 6:31	14.97	46.82	30.45	7.83	8.06	8.3	0.82	93.5
161	5/15/2010 6:46	15.13	46.63	30.32	7.63	8.05	10.5	0.73	91.3
162	5/15/2010 7:01	15.13	46.61	30.30	7.51	8.04	11.3	0.68	89.9
163	5/15/2010 7:16	15.13	46.47	30.20	7.56	8.06	8.9	0.67	90.5
164	5/15/2010 7:31	15.22	46.50	30.22	7.49	8.01	5.8	0.70	89.7
165	5/15/2010 7:46	15.20	46.28	30.06	7.66	8.06	5.3	0.77	91.8
166	5/15/2010 8:01	15.13	46.61	30.30	7.68	8.06	5.8	0.84	92.0
167	5/15/2010 8:16	15.09	46.64	30.32	7.66	8.05	5.4	0.89	91.6
168	5/15/2010 8:31	15.07	46.66	30.33	7.66	8.17	5.1	0.97	91.7
169	5/15/2010 8:46	15.00	46.02	29.87	7.75	7.96	6.0	1.02	92.3
170	5/15/2010 9:01	14.99	45.54	29.53	7.76	8.02	6.0	1.07	92.2
171	5/15/2010 9:16	14.96	46.17	29.98	7.71	8.05	6.5	1.14	91.8
172	5/15/2010 9:31	14.91	45.91	29.79	7.72	8.08	5.9	1.22	91.7
173	5/15/2010 9:46	14.87	46.33	30.10	7.73	8.15	6.2	1.29	91.9
174	5/15/2010 10:01	14.83	46.22	30.01	7.72	8.15	6.5	1.38	91.7
175	5/15/2010 10:16	14.77	46.22	30.01	7.68	8.03	5.8	1.49	91.2
176	5/15/2010 10:31	14.64	46.28	30.05	7.79	8.04	7.4	1.59	92.2
177	5/15/2010 10:46	14.55	46.11	29.92	7.90	8.03	7.0	1.69	93.2
178	5/15/2010 11:01	14.11	47.38	30.84	7.96	8.03	5.6	1.81	93.6
179	5/15/2010 11:16	14.04	47.53	30.94	8.01	8.24	5.8	1.92	94.2
180	5/15/2010 11:31	14.01	47.65	31.02	8.09	8.04	6.5	2.02	95.1
181	5/15/2010 11:46	13.86	47.83	31.15	8.16	8.04	7.6	2.13	95.7
182	5/15/2010 12:01	13.59	48.11	31.34	8.11	7.83	8.2	2.22	94.7
183	5/15/2010 12:16	13.59	47.68	31.03	8.22	8.04	7.7	2.31	95.8
184	5/15/2010 12:31	13.40	47.23	30.70	8.21	8.07	8.7	2.40	95.1
185	5/15/2010 12:46	13.09	48.24	31.43	8.25	8.03	9.6	2.48	95.4
186	5/15/2010 13:01	12.95	48.43	31.56	8.21	7.95	9.3	2.56	94.7
187	5/15/2010 13:16	12.82	48.58	31.66	8.19	8.23	8.1	2.62	94.3
188	5/15/2010 13:31	12.32	49.04	31.97	8.19	8.22	7.5	2.69	93.6
189	5/15/2010 13:46	12.01	49.13	32.02	8.19	8.00	6.7	2.75	93.0
190	5/15/2010 14:01	11.83	49.51	32.29	8.20	8.12	4.5	2.80	92.9
191	5/15/2010 14:16	11.73	49.40	32.20	8.19	7.77	3.9	2.84	92.5
192	5/15/2010 14:31	11.68	49.69	32.42	8.15	8.22	3.4	2.87	92.1
193	5/15/2010 14:46	11.66	49.71	32.43	8.06	7.77	2.1	2.89	91.1
194	5/15/2010 15:01	11.68	49.69	32.42	8.09	8.21	3.1	2.88	91.4
195	5/15/2010 15:16	11.68	49.64	32.38	8.12	8.22	3.2	2.86	91.7
196	5/15/2010 15:31	11.93	49.50	32.29	8.15	8.04	4.3	2.82	92.5
197	5/15/2010 15:46	12.53	49.07	32.00	8.47	8.03	5.0	2.75	97.2
198	5/15/2010 16:01	12.81	48.88	31.88	8.66	7.83	6.1	2.69	99.9
199	5/15/2010 16:16	13.10	48.43	31.56	8.87	8.07	5.1	2.62	102.7
200	5/15/2010 16:31	13.25	48.67	31.74	9.10	8.08	5.0	2.53	105.8
201	5/15/2010 16:46	13.39	48.55	31.66	9.09	8.01	4.6	2.45	106.0
202	5/15/2010 17:01	13.54	48.46	31.60	9.16	8.31	4.8	2.38	107.0
203	5/15/2010 17:16	13.82	48.20	31.42	9.20	8.11	4.9	2.32	108.0
204	5/15/2010 17:31	14.07	48.09	31.35	9.40	8.12	4.6	2.24	110.9
205	5/15/2010 17:46	14.28	47.04	30.60	9.27	8.08	5.4	2.18	109.3
206	5/15/2010 18:01	14.50	47.41	30.86	9.20	8.12	4.9	2.13	109.1
207	5/15/2010 18:16	14.61	47.03	30.59	9.21	8.13	4.4	2.08	109.4
208	5/15/2010 18:31	14.66	47.40	30.86	9.29	8.12	4.0	2.04	110.5
209	5/15/2010 18:46	14.66	46.56	30.25	9.13	8.08	4.3	2.01	108.2
210	5/15/2010 19:01	14.68	47.23	30.74	8.89	8.11	2.7	1.99	105.7
211	5/15/2010 19:16	14.61	47.36	30.83	9.01	8.10	2.7	2.00	107.1

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	
212	5/15/2010 19:31	14.44	47.48	30.91	8.96	8.21	4.0	2.00	106.2
213	5/15/2010 19:46	14.75	46.83	30.45	9.15	8.11	3.2	2.03	108.9
214	5/15/2010 20:01	14.48	47.44	30.88	9.06	8.10	3.6	2.06	107.5
215	5/15/2010 20:16	14.32	47.62	31.01	8.90	8.09	3.9	2.12	105.3
216	5/15/2010 20:31	14.30	47.62	31.01	8.97	8.10	4.8	2.18	106.1
217	5/15/2010 20:46	14.29	47.60	31.00	8.93	8.20	4.4	2.24	105.6
218	5/15/2010 21:01	13.95	47.92	31.22	8.74	8.27	4.8	2.32	102.7
219	5/15/2010 21:16	13.67	48.17	31.39	8.60	8.05	4.5	2.39	100.7
220	5/15/2010 21:31	13.69	48.12	31.36	8.69	8.06	4.5	2.47	101.7
221	5/15/2010 21:46	13.33	48.16	31.37	8.61	8.03	4.3	2.54	100.1
222	5/15/2010 22:01	12.95	48.71	31.76	8.53	8.03	4.0	2.62	98.5
223	5/15/2010 22:16	12.27	49.33	32.18	8.20	7.99	4.4	2.70	93.7
224	5/15/2010 22:31	12.04	49.49	32.29	8.13	7.99	4.6	2.78	92.5
225	5/15/2010 22:46	11.81	49.22	32.08	7.97	7.98	5.3	2.86	90.1
226	5/15/2010 23:01	11.78	49.68	32.42	8.01	7.98	6.2	2.95	90.7
227	5/15/2010 23:16	11.58	49.82	32.50	8.03	8.20	5.1	3.04	90.5
228	5/15/2010 23:31	11.35	49.53	32.28	8.06	7.97	6.8	3.13	90.4
229	5/15/2010 23:46	11.08	50.18	32.74	7.96	7.97	6.0	3.21	89.0
230	5/16/2010 0:01	10.75	50.41	32.89	7.83	7.96	5.3	3.29	87.0
231	5/16/2010 0:16	10.56	50.44	32.90	7.71	7.95	4.5	3.36	85.4
232	5/16/2010 0:31	10.38	50.70	33.08	7.62	8.07	3.6	3.43	84.1
233	5/16/2010 0:46	10.28	50.46	32.90	7.61	7.94	3.1	3.47	83.7
234	5/16/2010 1:01	10.25	50.80	33.14	7.56	7.94	2.3	3.52	83.2
235	5/16/2010 1:16	10.21	50.83	33.16	7.44	7.94	1.3	3.55	81.9
236	5/16/2010 1:31	10.46	50.69	33.07	7.47	7.88	2.9	3.55	82.6
237	5/16/2010 1:46	10.28	50.81	33.15	7.45	7.96	2.7	3.52	82.1
238	5/16/2010 2:01	10.22	50.84	33.16	7.51	8.18	2.4	3.50	82.6
239	5/16/2010 2:16	10.86	50.33	32.83	7.61	7.95	3.6	3.44	84.7
240	5/16/2010 2:31	11.19	49.72	32.41	7.70	7.96	3.4	3.36	86.1
241	5/16/2010 2:46	11.29	50.00	32.62	7.70	7.96	2.9	3.26	86.4
242	5/16/2010 3:01	11.42	49.92	32.57	7.75	8.09	3.6	3.15	87.2
243	5/16/2010 3:16	11.70	49.52	32.30	7.76	8.20	3.7	3.06	87.7
244	5/16/2010 3:31	12.15	49.28	32.14	7.91	7.92	4.2	2.93	90.1
245	5/16/2010 3:46	12.49	48.38	31.50	8.03	8.01	4.9	2.82	91.8
246	5/16/2010 4:01	12.43	49.02	31.96	8.03	8.01	4.4	2.70	92.0
247	5/16/2010 4:16	12.52	48.96	31.92	7.91	8.00	5.1	2.56	90.7
248	5/16/2010 4:31	12.65	48.66	31.71	8.00	8.00	4.5	2.43	91.8
249	5/16/2010 4:46	12.67	48.84	31.84	7.88	7.99	5.1	2.31	90.6
250	5/16/2010 5:01	13.07	48.50	31.61	7.86	8.22	5.6	2.16	91.0
251	5/16/2010 5:16	12.98	48.57	31.66	7.99	8.21	8.7	2.02	92.4
252	5/16/2010 5:31	13.14	48.41	31.55	7.95	8.00	7.6	1.86	92.1
253	5/16/2010 5:46	13.66	47.92	31.21	7.85	8.23	7.4	1.72	91.7
254	5/16/2010 6:01	13.73	47.57	30.96	7.91	8.01	7.4	1.56	92.5
255	5/16/2010 6:16	13.95	47.66	31.03	7.91	8.02	8.1	1.40	92.9
256	5/16/2010 6:31	14.18	47.45	30.89	7.87	8.14	7.8	1.26	92.8
257	5/16/2010 6:46	14.39	47.26	30.75	7.84	8.23	7.6	1.10	92.7
258	5/16/2010 7:01	14.51	47.15	30.68	7.86	8.03	9.0	0.96	93.2
259	5/16/2010 7:16	14.71	46.89	30.49	7.72	8.02	8.2	0.84	91.8
260	5/16/2010 7:31	14.71	46.89	30.49	7.65	8.01	8.7	0.74	90.9
261	5/16/2010 7:46	14.76	46.81	30.44	7.49	8.01	11.5	0.67	89.1
262	5/16/2010 8:01	14.69	46.86	30.47	7.47	8.01	7.7	0.67	88.8
263	5/16/2010 8:16	14.74	46.82	30.45	7.61	8.01	7.2	0.70	90.5
264	5/16/2010 8:31	14.70	46.86	30.47	7.64	8.21	6.5	0.75	90.8

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	
265	5/16/2010 8:46	14.64	46.92	30.52	7.67	8.01	6.5	0.83	91.1
266	5/16/2010 9:01	14.61	46.97	30.55	7.72	8.02	5.9	0.90	91.6
267	5/16/2010 9:16	14.60	46.98	30.55	7.66	8.01	5.7	0.96	90.8
268	5/16/2010 9:31	14.56	46.52	30.22	7.71	8.01	6.5	1.03	91.3
269	5/16/2010 9:46	14.52	46.45	30.17	7.65	8.20	6.8	1.08	90.4
270	5/16/2010 10:01	14.47	46.60	30.28	7.64	8.00	6.1	1.15	90.3
271	5/16/2010 10:16	14.43	46.61	30.28	7.68	8.00	6.0	1.21	90.6
272	5/16/2010 10:31	14.40	46.30	30.06	7.66	7.97	5.7	1.30	90.2
273	5/16/2010 10:46	14.37	46.69	30.34	7.66	7.99	5.8	1.39	90.3
274	5/16/2010 11:01	14.31	46.65	30.31	7.67	8.19	6.0	1.48	90.3
275	5/16/2010 11:16	14.13	46.87	30.46	7.72	8.19	6.4	1.59	90.6
276	5/16/2010 11:31	13.98	46.93	30.50	7.79	8.19	5.6	1.69	91.2
277	5/16/2010 11:46	13.65	47.78	31.11	7.76	7.99	5.4	1.81	90.6
278	5/16/2010 12:01	13.61	47.93	31.22	7.83	8.20	6.0	1.91	91.4
279	5/16/2010 12:16	13.56	47.99	31.26	7.87	8.00	6.3	2.02	91.8
280	5/16/2010 12:31	13.29	48.33	31.50	7.88	8.20	8.6	2.12	91.5
281	5/16/2010 12:46	13.19	48.43	31.57	7.88	8.20	8.9	2.22	91.4
282	5/16/2010 13:01	13.17	48.20	31.40	7.99	8.00	7.0	2.31	92.6
283	5/16/2010 13:16	12.96	48.49	31.60	7.96	7.99	8.8	2.38	91.9
284	5/16/2010 13:31	12.68	48.64	31.70	8.00	7.98	9.2	2.47	91.9
285	5/16/2010 13:46	12.56	48.44	31.55	8.01	7.98	8.4	2.55	91.7
286	5/16/2010 14:01	12.34	48.99	31.94	7.96	7.97	8.2	2.61	90.9
287	5/16/2010 14:16	11.93	49.40	32.22	7.98	7.97	8.2	2.69	90.5
288	5/16/2010 14:31	11.61	49.72	32.43	8.05	7.91	6.8	2.74	90.8
289	5/16/2010 14:46	11.55	49.80	32.49	8.08	8.20	5.0	2.80	91.1
290	5/16/2010 15:01	11.49	49.43	32.22	8.13	7.97	3.7	2.86	91.4
291	5/16/2010 15:16	11.46	49.77	32.46	8.05	7.97	3.4	2.87	90.5
292	5/16/2010 15:31	11.69	49.69	32.42	7.92	7.98	4.3	2.91	89.5
293	5/16/2010 15:46	11.60	49.48	32.26	7.93	7.97	2.7	2.91	89.4
294	5/16/2010 16:01	11.44	49.61	32.35	7.96	7.97	3.1	2.88	89.5
295	5/16/2010 16:16	11.43	49.92	32.57	7.94	7.97	3.4	2.84	89.3
296	5/16/2010 16:31	12.71	48.65	31.71	8.54	8.04	3.7	2.79	98.2
297	5/16/2010 16:46	12.25	49.05	31.98	8.25	8.22	4.2	2.72	94.1
298	5/16/2010 17:01	12.61	48.78	31.80	8.35	8.23	4.9	2.65	95.8
299	5/16/2010 17:16	12.70	48.52	31.61	8.40	8.23	4.8	2.56	96.5
300	5/16/2010 17:31	12.85	48.68	31.74	8.41	8.24	4.3	2.49	96.9
301	5/16/2010 17:46	13.21	48.38	31.53	8.53	8.25	3.6	2.44	99.0
302	5/16/2010 18:01	13.33	47.64	31.00	8.57	8.01	3.5	2.36	99.3
303	5/16/2010 18:16	13.62	48.04	31.29	8.80	8.06	3.5	2.30	102.8
304	5/16/2010 18:31	13.65	47.62	31.00	8.99	8.07	3.6	2.24	104.9
305	5/16/2010 18:46	13.78	47.06	30.59	9.09	8.12	4.2	2.19	106.0
306	5/16/2010 19:01	13.84	47.58	30.97	9.06	8.07	3.7	2.14	106.2
307	5/16/2010 19:16	13.92	47.33	30.79	8.80	8.27	3.2	2.11	103.1
308	5/16/2010 19:31	13.92	46.93	30.51	8.86	8.07	3.4	2.07	103.7
309	5/16/2010 19:46	13.93	47.34	30.80	8.57	8.05	3.2	2.06	100.5
310	5/16/2010 20:01	13.82	47.58	30.97	8.49	8.25	3.0	2.05	99.4
311	5/16/2010 20:16	13.79	47.61	30.99	8.75	8.18	3.1	2.06	102.4
312	5/16/2010 20:31	13.90	47.36	30.82	8.76	8.26	3.2	2.07	102.6
313	5/16/2010 20:46	13.80	47.80	31.13	8.81	8.26	4.8	2.11	103.2
314	5/16/2010 21:01	13.72	47.32	30.78	8.83	8.03	4.1	2.17	103.0
315	5/16/2010 21:16	13.58	47.85	31.16	8.59	8.16	4.6	2.22	100.2
316	5/16/2010 21:31	13.49	47.80	31.12	8.51	8.23	4.0	2.29	99.1
317	5/16/2010 21:46	13.16	48.19	31.39	8.35	8.01	4.6	2.35	96.6

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	
318	5/16/2010 22:01	12.98	48.36	31.51	8.29	7.94	4.5	2.43	95.7
319	5/16/2010 22:16	12.92	48.25	31.43	8.39	7.80	4.2	2.50	96.7
320	5/16/2010 22:31	12.36	48.54	31.61	8.23	7.99	4.4	2.58	93.8
321	5/16/2010 22:46	11.97	49.29	32.14	8.09	7.98	4.7	2.65	91.8
322	5/16/2010 23:01	11.82	49.42	32.23	7.99	8.19	4.2	2.72	90.4
323	5/16/2010 23:16	11.64	49.52	32.29	7.95	7.96	3.5	2.81	89.7
324	5/16/2010 23:31	11.37	49.70	32.41	7.81	8.18	4.8	2.88	87.7
325	5/16/2010 23:46	11.29	49.68	32.39	7.79	7.95	4.8	2.96	87.3
326	5/17/2010 0:01	11.10	49.84	32.49	7.83	7.89	5.5	3.05	87.4
327	5/17/2010 0:16	10.92	49.98	32.59	7.76	8.17	4.9	3.12	86.4
328	5/17/2010 0:31	10.72	50.10	32.66	7.67	8.17	4.2	3.20	85.1
329	5/17/2010 0:46	10.47	50.37	32.84	7.54	8.16	4.0	3.28	83.3
330	5/17/2010 1:01	10.29	50.55	32.96	7.40	7.87	3.4	3.35	81.5
331	5/17/2010 1:16	10.22	50.65	33.03	7.37	7.86	2.8	3.40	81.0
332	5/17/2010 1:31	10.13	50.73	33.08	7.32	8.15	2.3	3.46	80.3
333	5/17/2010 1:46	10.07	50.74	33.08	7.29	8.03	2.4	3.50	79.9
334	5/17/2010 2:01	10.01	50.83	33.14	7.26	8.03	1.3	3.53	79.5
335	5/17/2010 2:16	10.27	50.36	32.82	7.20	7.92	2.9	3.54	79.1
336	5/17/2010 2:31	10.10	50.80	33.13	7.13	7.91	2.1	3.53	78.3
337	5/17/2010 2:46	10.01	50.86	33.16	7.14	8.14	1.3	3.49	78.3
338	5/17/2010 3:01	10.58	50.00	32.58	7.42	7.93	2.4	3.44	82.0
339	5/17/2010 3:16	10.90	50.05	32.63	7.57	7.94	3.1	3.37	84.2
340	5/17/2010 3:31	11.18	49.88	32.52	7.57	8.17	3.2	3.29	84.6
341	5/17/2010 3:46	11.31	49.43	32.20	7.54	7.94	3.5	3.18	84.4
342	5/17/2010 4:01	11.51	49.57	32.32	7.57	7.94	3.7	3.07	85.2
343	5/17/2010 4:16	11.90	49.21	32.08	7.75	7.96	5.5	2.97	87.8
344	5/17/2010 4:31	12.16	48.97	31.91	7.81	8.19	4.9	2.84	88.8
345	5/17/2010 4:46	12.21	48.92	31.88	7.83	8.19	5.3	2.71	89.2
346	5/17/2010 5:01	12.34	48.75	31.77	7.82	7.97	4.6	2.60	89.2
347	5/17/2010 5:16	12.26	48.82	31.81	7.75	8.18	5.2	2.48	88.3
348	5/17/2010 5:31	12.39	48.73	31.75	7.75	7.95		2.35	88.6
349	5/17/2010 5:46	12.47	48.70	31.73	7.75	7.75	4.9	2.22	88.6
350	5/17/2010 6:01	12.48	48.68	31.72	7.71	8.17	5.3	2.07	88.2
351	5/17/2010 6:16	12.79	48.41	31.54	7.68	8.18	6.6	1.93	88.3
352	5/17/2010 6:31	12.92	48.31	31.47	7.73	7.89	7.9	1.77	89.1
353	5/17/2010 6:46	13.08	48.14	31.35	7.71	7.97	13.2	1.64	89.1
354	5/17/2010 7:01	13.22	47.98	31.24	7.65	7.89	10.1	1.48	88.6
355	5/17/2010 7:16	13.50	47.72	31.06	7.66	7.76	8.4	1.33	89.2
356	5/17/2010 7:31	13.67	47.53	30.93	7.65	7.77	8.6	1.19	89.3
357	5/17/2010 7:46	13.85	47.30	30.77	7.62	7.90	8.7	1.06	89.1
358	5/17/2010 8:01	13.97	46.93	30.50	7.57	7.98	7.9	0.95	88.7
359	5/17/2010 8:16	14.06	47.11	30.64	7.50	7.97	7.6	0.83	88.1
360	5/17/2010 8:31	14.13	46.25	30.02	7.42	8.08	7.4	0.79	86.9
361	5/17/2010 8:46	14.13	47.07	30.61	7.28	8.16	6.2	0.74	85.6
362	5/17/2010 9:01	14.07	46.71	30.35	7.50	7.97	7.0	0.75	87.9
363	5/17/2010 9:16	14.00	46.89	30.48	7.52	8.17	6.5	0.81	88.1
364	5/17/2010 9:31	13.97	47.06	30.60	7.53	8.09	8.2	0.84	88.2
365	5/17/2010 9:46	13.94	47.10	30.62	7.54	8.00	8.4	0.92	88.3
366	5/17/2010 10:01	13.95	47.13	30.65	7.57	7.90	8.6	0.99	88.7
367	5/17/2010 10:16	13.95	46.47	30.17	7.62	8.01	7.0	1.05	89.0
368	5/17/2010 10:31	14.01	45.98	29.82	7.68	7.94	6.8	1.11	89.7
369	5/17/2010 10:46	13.90	45.94	29.79	7.68	7.94	6.7	1.19	89.4
370	5/17/2010 11:01	13.81	46.20	29.97	7.66	7.75	6.5	1.26	89.1

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	
371	5/17/2010 11:16	13.78	46.21	29.98	7.64	7.96	5.9	1.33	88.8
372	5/17/2010 11:31	13.72	46.41	30.12	7.55	8.16	5.6	1.43	87.8
373	5/17/2010 11:46	13.67	46.45	30.15	7.57	8.16	5.4	1.52	88.0
374	5/17/2010 12:01	13.51	46.32	30.05	7.66	7.75	5.7	1.61	88.6
375	5/17/2010 12:16	13.24	47.23	30.70	7.62	8.16	5.6	1.71	88.0
376	5/17/2010 12:31	13.18	47.16	30.65	7.70	7.75	5.5	1.82	88.8
377	5/17/2010 12:46	13.16	47.48	30.88	7.77	7.97	6.2	1.93	89.6
378	5/17/2010 13:01	13.12	47.51	30.90	7.84	7.96	6.0	2.03	90.4
379	5/17/2010 13:16	12.98	47.79	31.09	7.83	7.96	7.6	2.14	90.2
380	5/17/2010 13:31	12.80	47.96	31.21	7.77	8.17	8.9	2.23	89.2
381	5/17/2010 13:46	12.77	48.14	31.34	7.83	7.96	7.4	2.32	89.9
382	5/17/2010 14:01	12.62	48.61	31.67	7.79	7.96	7.8	2.40	89.4
383	5/17/2010 14:16	12.44	48.71	31.74	7.92	8.09	8.3	2.48	90.6
384	5/17/2010 14:31	12.35	48.66	31.70	8.02	7.96	7.8	2.56	91.5
385	5/17/2010 14:46	12.16	48.99	31.93	7.95	7.75	7.9	2.63	90.4
386	5/17/2010 15:01	11.72	49.32	32.15	7.95	8.17	7.4	2.71	89.8
387	5/17/2010 15:16	11.43	48.73	31.70	8.07	7.96	5.4	2.77	90.3
388	5/17/2010 15:31	11.32	49.53	32.28	8.03	7.96	5.2	2.83	89.9
389	5/17/2010 15:46	11.28	49.21	32.05	8.06	7.96	3.8	2.88	90.1
390	5/17/2010 16:01	11.24	49.81	32.48	8.05	7.96	2.9	2.91	90.2
391	5/17/2010 16:16	11.19	49.85	32.51	8.03	8.19	3.1	2.94	89.9
392	5/17/2010 16:31	11.38	49.75	32.44	7.99	8.19	4.0	2.94	89.8
393	5/17/2010 16:46	11.21	49.84	32.50	7.98	7.90	3.1	2.94	89.3
394	5/17/2010 17:01	11.19	49.73	32.41	7.97	8.18	2.8	2.90	89.2
395	5/17/2010 17:16	12.37	48.90	31.87	8.42	8.01	4.3	2.86	96.2
396	5/17/2010 17:31	12.17	49.29	32.15	8.27	7.92	2.9	2.81	94.3
397	5/17/2010 17:46	12.09	48.82	31.80	8.23	7.98	4.0	2.74	93.4
398	5/17/2010 18:01	12.10	48.85	31.82	8.27	8.20	3.8	2.66	93.9
399	5/17/2010 18:16	12.54	48.37	31.50	8.45	8.22	4.3	2.60	96.7
400	5/17/2010 18:31	12.65	48.73	31.76	8.41	8.22	3.2	2.54	96.6
401	5/17/2010 18:46	13.30	48.23	31.43	8.77	8.24	4.5	2.45	101.9
402	5/17/2010 19:01	13.31	48.31	31.48	8.77	7.84	3.9	2.40	101.9
403	5/17/2010 19:16	13.39	48.54	31.65	8.93	8.05	3.7	2.35	104.0
404	5/17/2010 19:31	13.43	48.19	31.40	8.86	8.05	3.8	2.28	103.2
405	5/17/2010 19:46	13.54	48.31	31.49	8.73	8.04	3.4	2.24	101.9
406	5/17/2010 20:01	13.57	48.30	31.48	8.83	8.25	3.5	2.20	103.2
407	5/17/2010 20:16	13.66	48.01	31.28	8.75	8.04	3.4	2.17	102.3
408	5/17/2010 20:31	13.70	48.11	31.35	8.73	8.25	4.5	2.15	102.2
409	5/17/2010 20:46	13.69	48.10	31.35	8.44	8.15	3.2	2.13	98.8
410	5/17/2010 21:01	13.38	48.37	31.53	8.36	8.22	2.9	2.14	97.3
411	5/17/2010 21:16	13.53	48.29	31.47	8.68	8.24	3.4	2.15	101.4
412	5/17/2010 21:31	13.65	48.08	31.33	8.72	8.04	3.1	2.18	102.0
413	5/17/2010 21:46	13.48	48.28	31.47	8.65	8.03	4.0	2.21	100.9
414	5/17/2010 22:01	13.29	48.51	31.63	8.55	7.95	4.2	2.26	99.5
415	5/17/2010 22:16	13.51	47.90	31.19	8.63	8.02	4.5	2.31	100.5
416	5/17/2010 22:31	13.12	48.61	31.69	8.36	7.79	3.2	2.37	96.9
417	5/17/2010 22:46	12.97	48.71	31.76	8.29	7.78	4.0	2.44	95.9
418	5/17/2010 23:01	12.74	48.93	31.91	8.23	7.92	3.7	2.50	94.8
419	5/17/2010 23:16	12.59	49.04	31.99	8.26	8.19	3.8	2.58	94.8
420	5/17/2010 23:31	12.08	49.51	32.30	8.18	8.09	3.9	2.64	93.2
421	5/17/2010 23:46	11.87	49.65	32.40	8.16	8.09	4.2	2.72	92.5
422	5/18/2010 0:01	11.83	49.39	32.21	8.14	7.97	3.8	2.79	92.1
423	5/18/2010 0:16	11.68	49.78	32.48	8.11	7.91	3.5	2.87	91.7

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	
424	5/18/2010 0:31	11.48	49.93	32.58	8.08	8.18	3.7	2.94	91.0
425	5/18/2010 0:46	11.37	49.99	32.62	8.10	7.97	3.2	3.02	91.1
426	5/18/2010 1:01	11.27	49.98	32.60	8.17	8.19	3.7	3.10	91.6
427	5/18/2010 1:16	11.07	50.10	32.68	8.22	7.91	4.0	3.16	91.9
428	5/18/2010 1:31	10.86	50.25	32.78	8.19	7.74	3.1	3.23	91.2
429	5/18/2010 1:46	10.70	50.09	32.65	8.14	7.96	2.6	3.29	90.2
430	5/18/2010 2:01	10.58	50.46	32.91	8.10	7.96	2.3	3.35	89.7
431	5/18/2010 2:16	10.46	50.55	32.97	8.05	8.18	1.6	3.40	88.9
432	5/18/2010 2:31	10.34	50.64	33.03	8.02	8.18	1.5	3.44	88.4
433	5/18/2010 2:46	10.31	50.29	32.77	7.90	7.95	1.8	3.47	86.9
434	5/18/2010 3:01	10.58	50.11	32.66	7.81	7.95	2.3	3.47	86.3
435	5/18/2010 3:16	10.39	50.48	32.92	7.81	7.94	1.8	3.47	86.1
436	5/18/2010 3:31	10.32	50.69	33.07	7.79	8.17	1.4	3.45	85.9
437	5/18/2010 3:46	10.52	50.53	32.96	7.74	7.94	1.5	3.40	85.6
438	5/18/2010 4:01	11.28	50.02	32.63	7.95	8.18	2.9	3.34	89.2
439	5/18/2010 4:16	11.48	49.89	32.55	7.91	8.18	3.1	3.27	89.1
440	5/18/2010 4:31	11.62	49.77	32.47	7.86	7.73	3.4	3.17	88.8
441	5/18/2010 4:46	11.57	49.74	32.44	7.93	7.73	4.0	3.08	89.5
442	5/18/2010 5:01	12.10	49.34	32.18	7.92	8.18	4.2	2.96	90.1
443	5/18/2010 5:16	12.22	48.58	31.63	7.95	8.18	4.4	2.85	90.4
444	5/18/2010 5:31	12.23	49.17	32.07	7.92	8.08	4.5	2.74	90.4
445	5/18/2010 5:46	12.35	49.09	32.01	7.91	8.18	4.5	2.62	90.4
446	5/18/2010 6:01	12.26	49.22	32.10	7.74	8.17	4.2	2.50	88.3
447	5/18/2010 6:16	12.24	49.25	32.13	7.76	7.73	4.2	2.38	88.6
448	5/18/2010 6:31	12.84	48.40	31.53	7.80	7.96	7.9	2.25	89.8
449	5/18/2010 6:46	12.65	48.88	31.87	7.84	7.89	5.6	2.12	90.1
450	5/18/2010 7:01	12.53	48.97	31.93	7.78	7.88	5.0	1.98	89.2
451	5/18/2010 7:16	12.95	48.54	31.64	7.84	8.17	5.7	1.85	90.5
452	5/18/2010 7:31	13.16	48.35	31.51	7.86	7.96	6.1	1.71	91.0
453	5/18/2010 7:46	13.44	48.10	31.33	7.82	8.17	6.7	1.57	91.1
454	5/18/2010 8:01	13.57	47.98	31.25	7.80	7.89	6.6	1.42	91.0
455	5/18/2010 8:16	13.81	47.00	30.55	7.79	7.94	7.9	1.28	91.0
456	5/18/2010 8:31	13.98	47.29	30.77	7.76	7.97	7.6	1.17	91.0
457	5/18/2010 8:46	14.05	47.51	30.92	7.72	7.97	7.7	1.05	90.8
458	5/18/2010 9:01	14.16	47.42	30.86	7.67	7.97	7.9	0.96	90.4
459	5/18/2010 9:16	14.23	47.34	30.81	7.60	7.96	8.5	0.89	89.7
460	5/18/2010 9:31	14.26	46.65	30.31	7.51	7.89	7.5	0.85	88.4
461	5/18/2010 9:46	14.24	47.38	30.83	7.76	7.97	7.7	0.85	91.5
462	5/18/2010 10:01	14.24	47.39	30.85	7.78	7.97	8.5	0.87	91.8
463	5/18/2010 10:16	14.18	47.44	30.88	7.76	7.97	6.3	0.93	91.5
464	5/18/2010 10:31	14.12	47.47	30.90	7.71	8.08	7.0	1.01	90.8
465	5/18/2010 10:46	14.11	47.51	30.93	7.73	7.89	6.0	1.06	91.0
466	5/18/2010 11:01	14.21	47.02	30.58	7.88	7.89	7.6	1.13	92.7
467	5/18/2010 11:16	14.10	47.08	30.62	7.75	8.16	9.2	1.20	91.1
468	5/18/2010 11:31	14.00	47.42	30.86	7.63	7.95	6.1	1.26	89.6
469	5/18/2010 11:46	14.02	46.73	30.36	7.72	8.15	6.5	1.34	90.4
470	5/18/2010 12:01	13.99	46.95	30.52	7.70	7.95	6.1	1.41	90.2
471	5/18/2010 12:16	13.97	46.39	30.12	7.70	7.98	5.4	1.49	89.9
472	5/18/2010 12:31	13.95	47.00	30.55	7.65	7.95	5.4	1.57	89.6
473	5/18/2010 12:46	13.94	46.12	29.92	7.83	7.95	5.6	1.67	91.2
474	5/18/2010 13:01	14.02	46.43	30.14	7.87	8.06	5.6	1.75	92.1
475	5/18/2010 13:16	13.46	47.93	31.21	7.83	8.07	4.9	1.86	91.1
476	5/18/2010 13:31	13.27	48.34	31.50	7.86	8.07	5.4	1.98	91.3

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	
477	5/18/2010 13:46	13.29	48.43	31.57	7.99	7.76	6.2	2.07	92.8
478	5/18/2010 14:01	13.23	48.54	31.64	8.05	7.76	5.9	2.16	93.5
479	5/18/2010 14:16	13.09	48.55	31.65	8.01	7.96	5.8	2.26	92.8
480	5/18/2010 14:31	13.04	47.80	31.11	8.12	8.00	6.0	2.35	93.7
481	5/18/2010 14:46	12.88	48.80	31.82	8.15	7.76	6.8	2.43	94.0
482	5/18/2010 15:01	12.72	48.81	31.82	8.26	7.76	7.6	2.50	95.1
483	5/18/2010 15:16	12.61	48.54	31.62	8.35	7.97	7.1	2.59	95.8
484	5/18/2010 15:31	12.53	49.11	32.03	8.36	8.10	7.3	2.66	95.9
485	5/18/2010 15:46	12.32	49.28	32.15	8.48	7.92	7.1	2.72	97.0
486	5/18/2010 16:01	12.13	49.31	32.16	8.59	7.77	5.9	2.79	97.8
487	5/18/2010 16:16	11.90	48.76	31.75	8.75	7.99	5.6	2.85	98.9
488	5/18/2010 16:31	11.77	49.50	32.28	8.76	7.99	4.6	2.90	99.1
489	5/18/2010 16:46	11.68	49.82	32.51	8.74	8.00	4.0	2.94	98.8
490	5/18/2010 17:01	11.63	49.11	31.99	8.73	8.00	2.9	2.97	98.3
491	5/18/2010 17:16	11.78	49.62	32.37	8.58	7.99	3.6	2.99	97.1
492	5/18/2010 17:31	11.73	49.82	32.51	8.57	7.93	3.1	2.99	97.0
493	5/18/2010 17:46	11.63	49.66	32.39	8.65	7.93	2.4	2.98	97.6
494	5/18/2010 18:01	11.73	49.80	32.50	8.61	7.77	2.6	2.92	97.5
495	5/18/2010 18:16	11.86	49.47	32.26	8.64	7.77	4.2	2.87	97.9
496	5/18/2010 18:31	12.22	49.27	32.13	8.70	7.78	3.8	2.82	99.2
497	5/18/2010 18:46	12.69	49.06	32.01	9.17	8.25	3.8	2.74	105.6
498	5/18/2010 19:01	13.01	48.85	31.86	9.29	8.06	4.0	2.67	107.6
499	5/18/2010 19:16	13.00	49.10	32.05	9.10	7.97	4.0	2.60	105.5
500	5/18/2010 19:31	13.15	48.96	31.95	9.08	7.83	4.4	2.52	105.5
501	5/18/2010 19:46	13.33	48.91	31.92	9.09	8.26	4.0	2.46	105.9
502	5/18/2010 20:01	13.20	48.89	31.90	9.03	8.04	3.8	2.40	105.0
503	5/18/2010 20:16	13.31	48.80	31.84	8.95	8.25	4.3	2.36	104.3
504	5/18/2010 20:31	13.37	48.74	31.80	8.86	8.25	5.8	2.30	103.3
505	5/18/2010 20:46	13.33	48.50	31.62	8.87	8.04	3.8	2.25	103.3
506	5/18/2010 21:01	13.27	48.72	31.78	8.84	8.16	4.6	2.21	102.9
507	5/18/2010 21:16	13.52	48.18	31.40	8.76	8.03	3.9	2.17	102.2
508	5/18/2010 21:31	13.59	48.03	31.29	8.71	8.01	3.9	2.15	101.7
509	5/18/2010 21:46	13.57	47.79	31.11	8.65	8.01	3.5	2.14	100.9
510	5/18/2010 22:01	13.48	48.36	31.53	8.49	8.01	3.7	2.13	99.1
511	5/18/2010 22:16	13.41	48.48	31.61	8.54	7.81	3.1	2.14	99.6
512	5/18/2010 22:31	13.39	48.54	31.65	8.59	7.81	3.9	2.16	100.1
513	5/18/2010 22:46	13.40	47.81	31.12	8.70	8.02	4.6	2.18	101.1
514	5/18/2010 23:01	13.36	48.57	31.67	8.65	8.22	4.3	2.22	100.7
515	5/18/2010 23:16	13.32	48.58	31.68	8.59	8.22	4.0	2.27	100.0
516	5/18/2010 23:31	13.25	48.24	31.43	8.62	7.99	3.7	2.32	100.0
517	5/18/2010 23:46	13.19	48.70	31.76	8.61	7.94	4.5	2.38	100.0
518	5/19/2010 0:01	13.08	48.81	31.84	8.66	8.04	7.2	2.45	100.3
519	5/19/2010 0:16	12.98	48.90	31.90	8.63	7.99	4.0	2.51	99.9
520	5/19/2010 0:31	12.80	48.17	31.36	8.61	7.99	4.6	2.57	98.9
521	5/19/2010 0:46	12.60	49.16	32.07	8.52	8.11	3.7	2.64	97.9
522	5/19/2010 1:01	12.42	49.30	32.17	8.52	8.10	3.7	2.70	97.6
523	5/19/2010 1:16	12.12	49.48	32.29	8.57	8.20	3.6	2.76	97.7
524	5/19/2010 1:31	12.00	49.59	32.36	8.54	8.20	3.6	2.83	97.1
525	5/19/2010 1:46	11.84	49.72	32.44	8.57	8.01	3.3	2.90	97.2
526	5/19/2010 2:01	11.59	49.62	32.36	8.64	7.98	4.2	2.96	97.4
527	5/19/2010 2:16	11.47	49.65	32.37	8.65	8.21	3.7	3.03	97.3
528	5/19/2010 2:31	11.30	50.02	32.64	8.71	7.77	3.2	3.09	97.7
529	5/19/2010 2:46	11.11	49.95	32.58	8.82	8.22	3.5	3.15	98.6

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	
530	5/19/2010 3:01	11.00	50.16	32.72	8.88	8.23	3.2	3.21	99.0
531	5/19/2010 3:16	10.92	50.23	32.77	8.91	7.96	2.6	3.25	99.3
532	5/19/2010 3:31	10.86	50.30	32.81	8.94	8.13	3.4	3.30	99.6
533	5/19/2010 3:46	10.80	50.25	32.77	8.95	8.02	2.1	3.32	99.4
534	5/19/2010 4:01	10.83	50.06	32.64	8.73	8.02	3.6	3.34	97.0
535	5/19/2010 4:16	10.87	49.49	32.23	8.78	8.00	2.1	3.34	97.4
536	5/19/2010 4:31	10.81	49.52	32.25	8.82	8.23	2.3	3.31	97.8
537	5/19/2010 4:46	10.80	50.12	32.68	8.83	8.01	2.1	3.27	98.1
538	5/19/2010 5:01	11.78	49.22	32.08	8.34	8.20	3.2	3.21	94.2
539	5/19/2010 5:16	11.58	49.51	32.28	8.31	7.76	3.7	3.13	93.6
540	5/19/2010 5:31	11.81	49.47	32.26	8.29	8.19	4.5	3.05	93.8
541	5/19/2010 5:46	12.05	49.38	32.21	8.27	8.19	4.9	2.95	94.0
542	5/19/2010 6:01	11.99	49.42	32.23	8.29	8.19	3.5	2.84	94.2
543	5/19/2010 6:16	11.99	49.46	32.26	8.23	7.97	3.9	2.74	93.5
544	5/19/2010 6:31	12.17	49.30	32.16	8.19	7.96	4.6	2.64	93.3
545	5/19/2010 6:46	12.30	49.21	32.10	8.13	8.08	3.5	2.53	92.8
546	5/19/2010 7:01	12.38	49.16	32.07	8.09	8.17	3.8	2.41	92.5
547	5/19/2010 7:16	12.61	48.97	31.94	8.04	8.16	3.8	2.30	92.3
548	5/19/2010 7:31	13.00	48.11	31.32	8.09	7.97	7.4	2.18	93.4
549	5/19/2010 7:46	12.84	48.53	31.62	8.10	7.96	7.3	2.06	93.3
550	5/19/2010 8:01	12.87	48.64	31.70	8.13	7.75	8.5	1.93	93.8
551	5/19/2010 8:16	13.07	48.38	31.53	8.09	7.76	7.9	1.82	93.6
552	5/19/2010 8:31	13.15	48.22	31.41	8.12	7.97	9.2	1.69	94.0
553	5/19/2010 8:46	13.26	47.34	30.78	8.09	7.97	8.1	1.58	93.6
554	5/19/2010 9:01	13.35	47.96	31.23	8.05	7.96	12.7	1.45	93.5
555	5/19/2010 9:16	13.44	47.89	31.18	8.00	7.97	16.8	1.32	93.1
556	5/19/2010 9:31	13.50	47.82	31.13	7.99	8.17	19.8	1.25	93.1
557	5/19/2010 9:46	13.55	47.04	30.57	8.00	7.96	11.5	1.15	92.9
558	5/19/2010 10:01	13.60	46.91	30.48	7.99	8.00	13.1	1.07	92.9
559	5/19/2010 10:16	13.62	47.38	30.82	7.90	8.17	12.1	1.04	92.1
560	5/19/2010 10:31	13.64	47.36	30.80	7.80	8.16	10.1	0.99	90.9
561	5/19/2010 10:46	13.64	47.68	31.04	7.94	8.09	12.9	1.01	92.7
562	5/19/2010 11:01	13.63	47.65	31.01	8.02	7.77	10.7	1.02	93.6
563	5/19/2010 11:16	13.59	47.38	30.82	8.06	7.97	9.5	1.08	93.8
564	5/19/2010 11:31	13.58	47.79	31.11	8.04	7.97	10.6	1.12	93.8
565	5/19/2010 11:46	13.55	47.83	31.14	8.07	8.09	12.6	1.19	94.1
566	5/19/2010 12:01	13.50	47.22	30.70	8.18	8.08	10.1	1.26	95.0
567	5/19/2010 12:16	13.50	46.69	30.32	8.17	7.96	9.6	1.33	94.6
568	5/19/2010 12:31	13.49	46.73	30.35	8.13	7.75	10.3	1.40	94.2
569	5/19/2010 12:46	13.43	47.32	30.77	7.98	8.15	8.6	1.48	92.6
570	5/19/2010 13:01	13.38	47.02	30.55	7.93	7.94	6.0	1.56	91.7
571	5/19/2010 13:16	13.38	47.38	30.81	8.01	7.75	9.0	1.65	92.9
572	5/19/2010 13:31	13.33	47.48	30.88	7.98	8.16	5.9	1.72	92.4
573	5/19/2010 13:46	13.29	47.69	31.04	8.05	7.96	5.8	1.84	93.2
574	5/19/2010 14:01	13.19	48.24	31.42	8.23	8.17	7.1	1.93	95.4
575	5/19/2010 14:16	13.23	48.42	31.56	8.28	8.18	6.3	2.01	96.2
576	5/19/2010 14:31	13.19	48.50	31.62	8.31	8.18	7.0	2.11	96.4
577	5/19/2010 14:46	13.13	48.64	31.71	8.33	7.97	6.9	2.20	96.6
578	5/19/2010 15:01	13.04	48.65	31.72	8.34	7.97	6.7	2.30	96.5
579	5/19/2010 15:16	12.94	48.83	31.85	8.32	8.18	6.7	2.38	96.2
580	5/19/2010 15:31	12.81	48.93	31.91	8.41	8.10	7.3	2.46	97.0
581	5/19/2010 15:46	12.66	49.06	32.00	8.56	8.19	7.8	2.55	98.5
582	5/19/2010 16:01	12.49	49.18	32.08	8.73	8.21	7.8	2.63	100.1

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	
583	5/19/2010 16:16	12.39	49.30	32.16	8.88	8.22	6.8	2.70	101.7
584	5/19/2010 16:31	12.31	49.39	32.23	9.09	8.23	7.1	2.77	103.9
585	5/19/2010 16:46	12.13	49.52	32.31	9.32	7.82	7.3	2.85	106.3
586	5/19/2010 17:01	11.95	49.31	32.15	9.57	8.05	6.2	2.91	108.6
587	5/19/2010 17:16	11.82	49.80	32.50	9.66	8.28	4.9	2.97	109.6
588	5/19/2010 17:31	11.75	49.86	32.54	9.78	8.29	4.2	3.03	110.8
589	5/19/2010 17:46	11.71	49.91	32.58	9.83	8.30	2.8	3.06	111.3
590	5/19/2010 18:01	11.70	49.92	32.59	9.66	8.02	2.5	3.08	109.4
591	5/19/2010 18:16	11.80	49.86	32.54	9.64	7.85	4.0	3.10	109.3
592	5/19/2010 18:31	11.76	49.25	32.10	9.70	8.07	3.7	3.08	109.6
593	5/19/2010 18:46	11.72	49.91	32.57	9.71	8.08	3.5	3.05	109.9
594	5/19/2010 19:01	11.80	49.83	32.52	9.65	7.85	3.4	2.98	109.4
595	5/19/2010 19:16	12.03	49.31	32.16	9.64	8.07	4.5	2.93	109.6
596	5/19/2010 19:31	12.29	48.77	31.77	9.66	8.09	5.0	2.87	110.1
597	5/19/2010 19:46	12.67	49.26	32.15	9.29	8.04	5.5	2.78	107.0
598	5/19/2010 20:01	12.92	49.14	32.07	9.17	8.24	4.8	2.70	106.2
599	5/19/2010 20:16	13.30	48.88	31.90	9.12	8.25	4.8	2.63	106.3
600	5/19/2010 20:31	13.38	48.45	31.58	9.10	8.04	4.6	2.56	106.0
601	5/19/2010 20:46	13.26	48.80	31.83	8.93	8.15	5.2	2.49	103.9
602	5/19/2010 21:01	13.28	48.78	31.82	8.87	8.23	5.1	2.44	103.2
603	5/19/2010 21:16	13.36	48.03	31.28	8.88	8.23	4.1	2.37	103.2
604	5/19/2010 21:31	13.42	48.68	31.76	8.89	8.04	4.0	2.31	103.8
605	5/19/2010 21:46	13.31	48.73	31.79	8.92	8.23	4.5	2.25	103.8
606	5/19/2010 22:01	13.36	48.60	31.70	8.89	7.96	4.0	2.22	103.6
607	5/19/2010 22:16	13.47	48.11	31.34	8.90	8.03	4.2	2.16	103.7
608	5/19/2010 22:31	13.52	47.56	30.95	8.88	8.01	3.8	2.13	103.3
609	5/19/2010 22:46	13.51	48.38	31.54	8.81	8.03	3.8	2.10	102.8
610	5/19/2010 23:01	13.61	48.26	31.45	8.66	8.02	3.5	2.08	101.2
611	5/19/2010 23:16	13.56	48.28	31.47	8.61	8.22	3.2	2.07	100.6
612	5/19/2010 23:31	13.40	48.49	31.62	8.69	8.12	3.0	2.10	101.3
613	5/19/2010 23:46	13.42	48.47	31.60	8.71	8.22	3.7	2.11	101.5
614	5/20/2010 0:01	13.37	48.27	31.46	8.76	8.22	4.1	2.14	101.9
615	5/20/2010 0:16	13.35	48.01	31.27	8.73	8.01	3.9	2.18	101.4
616	5/20/2010 0:31	13.29	48.27	31.45	8.78	8.22	3.8	2.24	102.0
617	5/20/2010 0:46	13.25	48.33	31.50	8.78	8.22	3.3	2.29	101.9
618	5/20/2010 1:01	13.20	48.33	31.49	8.77	8.22	3.5	2.34	101.7
619	5/20/2010 1:16	13.13	47.92	31.19	8.78	8.22	3.2	2.41	101.4
620	5/20/2010 1:31	13.07	48.40	31.54	8.78	8.22	3.2	2.47	101.5
621	5/20/2010 1:46	13.02	48.58	31.67	8.78	8.22	3.2	2.53	101.6
622	5/20/2010 2:01	12.86	48.60	31.68	8.85	8.22	3.1	2.59	102.0
623	5/20/2010 2:16	12.77	48.61	31.68	8.84	8.22	3.1	2.64	101.8
624	5/20/2010 2:31	12.66	48.83	31.84	8.81	8.22	2.9	2.70	101.3
625	5/20/2010 2:46	12.52	48.39	31.51	8.88	8.04	3.1	2.76	101.5
626	5/20/2010 3:01	12.37	49.09	32.01	9.01	8.23	2.7	2.83	103.0
627	5/20/2010 3:16	12.30	49.38	32.22	9.06	7.81	2.6	2.90	103.5
628	5/20/2010 3:31	12.11	49.25	32.11	9.19	7.82	2.8	2.95	104.6
629	5/20/2010 3:46	12.06	49.36	32.19	9.20	8.25	2.7	3.00	104.6
630	5/20/2010 4:01	11.88	49.62	32.38	9.36	7.99	3.1	3.05	106.2
631	5/20/2010 4:16	11.81	49.48	32.27	9.39	8.27	2.9	3.10	106.3
632	5/20/2010 4:31	11.69	49.79	32.49	9.50	8.28	2.7	3.14	107.4
633	5/20/2010 4:46	11.64	48.87	31.82	9.50	8.07	1.6	3.17	106.9
634	5/20/2010 5:01	11.64	49.17	32.03	9.24	8.05	1.6	3.16	104.1
635	5/20/2010 5:16	11.68	48.91	31.85	9.31	8.05	2.3	3.16	104.9

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	
636	5/20/2010 5:31	11.65	49.18	32.05	9.33	8.06	2.0	3.15	105.1
637	5/20/2010 5:46	11.65	48.95	31.88	9.40	8.06	2.0	3.10	105.8
638	5/20/2010 6:01	12.03	48.80	31.79	8.80	8.23	3.2	3.04	99.8
639	5/20/2010 6:16	12.25	48.79	31.79	8.62	7.99	3.5	2.99	98.2
640	5/20/2010 6:31	12.36	49.21	32.10	8.50	7.99	3.8	2.91	97.2
641	5/20/2010 6:46	12.34	48.49	31.58	8.65	7.99	3.9	2.82	98.5
642	5/20/2010 7:01	12.39	49.18	32.08	8.58	8.11	4.7	2.73	98.2
643	5/20/2010 7:16	12.49	48.77	31.79	8.43	8.10	4.6	2.65	96.5
644	5/20/2010 7:31	12.65	48.91	31.89	8.24	7.97	5.8	2.57	94.7
645	5/20/2010 7:46	12.77	48.76	31.79	8.09	7.96	7.4	2.48	93.2
646	5/20/2010 8:01	12.87	48.65	31.71	7.97	8.16	4.5	2.37	92.0
647	5/20/2010 8:16	12.85	47.91	31.18	8.05	7.74	4.0	2.28	92.5
648	5/20/2010 8:31	13.05	47.85	31.14	8.35	7.98	5.2	2.17	96.3
649	5/20/2010 8:46	13.23	47.89	31.18	8.53	8.00	5.4	2.07	98.8
650	5/20/2010 9:01	13.39	47.63	30.99	8.55	8.21	6.0	1.95	99.2
651	5/20/2010 9:16	13.60	47.67	31.03	8.51	8.01	5.8	1.83	99.2
652	5/20/2010 9:31	13.77	47.62	31.00	8.64	8.21	5.9	1.72	101.0
653	5/20/2010 9:46	13.89	47.73	31.08	8.63	8.22	5.3	1.62	101.3
654	5/20/2010 10:01	13.91	47.08	30.61	8.48	8.21	5.0	1.51	99.2
655	5/20/2010 10:16	13.97	47.44	30.87	8.52	8.05		1.41	99.9
656	5/20/2010 10:31	13.99	47.79	31.13	8.50	8.00	7.1	1.31	100.0
657	5/20/2010 10:46	14.02	47.76	31.11	8.43	8.02	5.8	1.27	99.2
658	5/20/2010 11:01	14.03	46.89	30.48	8.41	8.12	5.1	1.19	98.5
659	5/20/2010 11:16	14.04	47.43	30.86	8.15	8.19	4.9	1.17	95.8
660	5/20/2010 11:31	14.34	47.59	30.99	8.68	8.21	7.3	1.14	102.8
661	5/20/2010 11:46	13.95	47.55	30.95	8.51	8.01	4.9	1.14	99.9
662	5/20/2010 12:01	13.87	47.06	30.59	8.47	8.20	4.7	1.17	99.0
663	5/20/2010 12:16	14.00	47.79	31.13	8.54	7.94	4.6	1.19	100.5
664	5/20/2010 12:31	14.10	47.30	30.77	8.62	8.21	4.5	1.24	101.4
665	5/20/2010 12:46	14.28	47.18	30.69	8.71	8.21	4.2	1.31	102.7
666	5/20/2010 13:01	14.14	47.18	30.69	8.69	8.01	4.5	1.38	102.2
667	5/20/2010 13:16	14.31	47.38	30.84	8.66	7.81	4.8	1.43	102.4
668	5/20/2010 13:31	14.26	46.75	30.38	8.73	8.20	4.9	1.51	102.8
669	5/20/2010 13:46	14.21	47.12	30.65	8.66	7.80	4.8	1.58	102.0
670	5/20/2010 14:01	14.07	46.69	30.33	8.56	8.19	4.1	1.67	100.3
671	5/20/2010 14:16	14.18	47.08	30.62	8.65	8.20	4.1	1.75	101.8
672	5/20/2010 14:31	13.85	47.96	31.25	8.54	7.94	4.2	1.84	100.2
673	5/20/2010 14:46	13.61	48.17	31.39	8.52	7.99	4.0	1.93	99.6
674	5/20/2010 15:01	13.54	48.34	31.52	8.59	7.93	4.1	2.04	100.3
675	5/20/2010 15:16	13.51	48.43	31.58	8.63	8.20	4.1	2.12	100.8
676	5/20/2010 15:31	13.55	47.60	30.98	8.76	7.99	5.1	2.21	102.0
677	5/20/2010 15:46	13.53	48.59	31.69	8.83	8.01	4.7	2.29	103.2
678	5/20/2010 16:01	13.44	47.98	31.25	8.88	8.01	4.5	2.39	103.4
679	5/20/2010 16:16	13.39	48.72	31.78	8.82	8.01	5.0	2.47	102.9
680	5/20/2010 16:31	13.50	48.75	31.81	8.97	8.01	5.3	2.54	104.8
681	5/20/2010 16:46	13.13	48.47	31.59	9.00	8.01	5.7	2.63	104.3
682	5/20/2010 17:01	13.16	48.96	31.95	9.37	8.25	5.5	2.71	108.8
683	5/20/2010 17:16	13.10	49.07	32.03	9.59	8.00	6.1	2.78	111.4
684	5/20/2010 17:31	12.96	49.12	32.06	9.77	8.07	6.2	2.85	113.1
685	5/20/2010 17:46	12.75	49.40	32.25	10.15	8.09	7.1	2.92	117.2
686	5/20/2010 18:01	12.56	49.59	32.38	10.35	8.14	6.7	2.98	119.0
687	5/20/2010 18:16	12.43	48.83	31.83	10.64	8.13	5.8	3.05	121.6
688	5/20/2010 18:31	12.30	49.81	32.53	10.50	8.25	5.2	3.08	120.3

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	
689	5/20/2010 18:46	12.28	49.83	32.54	10.49	7.92	3.8	3.10	120.2
690	5/20/2010 19:01	12.26	49.02	31.95	10.48	8.13	2.9	3.13	119.6
691	5/20/2010 19:16	12.36	48.99	31.94	10.40	7.91	3.3	3.13	118.8
692	5/20/2010 19:31	12.26	49.86	32.56	10.35	8.12	3.3	3.11	118.5
693	5/20/2010 19:46	12.29	49.85	32.56	10.33	8.06	3.0	3.07	118.4
694	5/20/2010 20:01	12.82	49.27	32.16	10.27	8.34	3.8	3.02	118.6
695	5/20/2010 20:16	13.04	49.02	31.99	10.06	8.11	4.1	2.95	116.7
696	5/20/2010 20:31	12.97	48.39	31.53	10.12	8.10	4.6	2.90	116.9
697	5/20/2010 20:46	13.56	49.03	32.02	9.87	8.22	5.9	2.81	115.7
698	5/20/2010 21:01	13.47	49.06	32.03	9.81	8.03	9.6	2.72	114.8
699	5/20/2010 21:16	13.49	48.98	31.97	9.66	8.01	3.8	2.66	113.0
700	5/20/2010 21:31	13.53	48.86	31.89	9.45	8.18	4.2	2.58	110.6
701	5/20/2010 21:46	13.66	48.77	31.83	9.28	7.99	4.2	2.50	108.8
702	5/20/2010 22:01	13.55	48.48	31.62	9.18	8.25	4.6	2.43	107.3
703	5/20/2010 22:16	13.66	48.47	31.61	9.16	8.25	4.3	2.37	107.3
704	5/20/2010 22:31	13.65	48.67	31.75	9.15	7.86	4.3	2.29	107.3
705	5/20/2010 22:46	13.75	48.32	31.51	9.18	8.06	4.4	2.22	107.6
706	5/20/2010 23:01	13.90	48.12	31.36	9.20	8.07	4.8	2.16	108.1
707	5/20/2010 23:16	14.23	47.94	31.24	9.20	8.28	5.2	2.09	108.9
708	5/20/2010 23:31	14.30	48.20	31.44	9.16	8.20	4.6	2.04	108.6
709	5/20/2010 23:46	14.46	47.73	31.09	9.13	8.20	4.8	1.98	108.4
710	5/21/2010 0:01	14.48	47.97	31.27	9.04	8.08	4.6	1.93	107.5
711	5/21/2010 0:16	14.75	47.53	30.96	8.95	8.08	5.1	1.91	106.8
712	5/21/2010 0:31	14.74	47.93	31.25	8.75	8.19	4.5	1.88	104.6
713	5/21/2010 0:46	14.47	48.06	31.33	9.02	8.18	4.6	1.91	107.2
714	5/21/2010 1:01	14.49	48.00	31.29	9.02	8.19	5.4	1.93	107.3
715	5/21/2010 1:16	14.26	47.43	30.87	8.96	8.03	5.2	1.95	105.7
716	5/21/2010 1:31	14.32	48.05	31.33	8.95	8.06	4.8	1.99	106.1
717	5/21/2010 1:46	14.20	47.93	31.23	8.96	8.25	4.5	2.05	105.9
718	5/21/2010 2:01	14.30	48.00	31.29	8.96	8.06	5.0	2.10	106.2
719	5/21/2010 2:16	14.27	48.04	31.31	8.89	8.25	4.3	2.16	105.3
720	5/21/2010 2:31	14.11	48.04	31.31	8.89	8.04	3.9	2.24	104.9
721	5/21/2010 2:46	13.95	48.37	31.55	8.97	8.04	4.0	2.29	105.7
722	5/21/2010 3:01	13.82	48.46	31.61	8.97	8.04	3.7	2.36	105.4
723	5/21/2010 3:16	13.47	48.06	31.31	9.14	8.04	3.1	2.42	106.4
724	5/21/2010 3:31	13.35	48.92	31.93	9.18	8.04	3.1	2.47	107.1
725	5/21/2010 3:46	13.25	48.11	31.34	9.30	8.04	2.9	2.53	107.8
726	5/21/2010 4:01	13.16	48.28	31.45	9.33	8.08	3.0	2.59	108.1
727	5/21/2010 4:16	13.05	49.17	32.10	9.42	8.06	3.2	2.65	109.3
728	5/21/2010 4:31	13.00	49.22	32.13	9.46	8.27	3.7	2.69	109.7
729	5/21/2010 4:46	12.89	49.30	32.18	9.51	8.27	3.7	2.74	110.1
730	5/21/2010 5:01	12.73	49.37	32.23	9.55	8.28	3.4	2.80	110.2
731	5/21/2010 5:16	12.64	49.44	32.27	9.57	8.02	3.2	2.85	110.2
732	5/21/2010 5:31	12.58	49.22	32.11	9.60	8.29	3.7	2.89	110.4
733	5/21/2010 5:46	12.49	49.50	32.31	9.64	8.08	2.9	2.93	110.7
734	5/21/2010 6:01	12.42	49.54	32.34	9.63	8.20	2.7	2.96	110.5
735	5/21/2010 6:16	12.37	49.52	32.32	9.57	8.29	2.3	2.98	109.7
736	5/21/2010 6:31	12.50	49.24	32.12	9.40	8.07	3.1	2.98	107.8
737	5/21/2010 6:46	12.41	49.53	32.33	9.42	8.07	2.3	2.97	108.0
738	5/21/2010 7:01	12.38	49.50	32.31	9.40	8.07	1.6	2.96	107.7
739	5/21/2010 7:16	12.76	49.07	32.02	9.09	8.16	3.4	2.90	104.8
740	5/21/2010 7:31	13.07	48.55	31.64	8.60	8.01	4.6	2.85	99.5
741	5/21/2010 7:46	13.01	48.77	31.80	8.84	8.03	3.2	2.78	102.3

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	
742	5/21/2010 8:01	13.05	48.06	31.29	8.81	8.14	4.3	2.70	101.7
743	5/21/2010 8:16	13.08	48.28	31.45	8.88	8.23	3.5	2.63	102.7
744	5/21/2010 8:31	13.10	48.87	31.88	8.91	8.23	4.1	2.54	103.3
745	5/21/2010 8:46	13.20	48.75	31.80	8.75	8.23	3.6	2.46	101.7
746	5/21/2010 9:01	13.33	48.57	31.68	8.57	7.95	4.0	2.37	99.8
747	5/21/2010 9:16	13.43	48.50	31.62	8.54	8.04	4.0	2.28	99.6
748	5/21/2010 9:31	13.52	48.12	31.35	8.59	8.22	4.0	2.19	100.2
749	5/21/2010 9:46	13.62	48.14	31.37	8.57	8.22	4.3	2.10	100.2
750	5/21/2010 10:01	13.74	48.06	31.31	8.70	8.23	4.3	2.00	101.9
751	5/21/2010 10:16	13.81	47.70	31.05	8.74	8.24	5.1	1.90	102.4
752	5/21/2010 10:31	14.02	48.00	31.28	8.61	7.85	6.1	1.82	101.5
753	5/21/2010 10:46	14.09	47.94	31.24	8.57	7.86	5.8	1.71	101.0
754	5/21/2010 11:01	14.11	47.20	30.70	8.69	8.07	5.7	1.62	102.2
755	5/21/2010 11:16	14.23	47.84	31.17	8.68	8.08	5.8	1.55	102.6
756	5/21/2010 11:31	14.31	47.79	31.14	8.62	8.27	5.4	1.46	102.1
757	5/21/2010 11:46	14.37	47.77	31.13	8.56	8.26	5.9	1.39	101.5
758	5/21/2010 12:01	14.30	47.26	30.76	8.17	8.02	4.3	1.35	96.4
759	5/21/2010 12:16	14.37	47.79	31.14	7.69	8.13	4.3	1.32	91.1
760	5/21/2010 12:31	14.40	47.81	31.16	8.52	7.99	5.4	1.31	101.1
761	5/21/2010 12:46	14.23	47.64	31.02	8.47	7.84	5.2	1.30	100.0
762	5/21/2010 13:01	14.14	47.66	31.03	8.39	8.23	4.6	1.33	99.0
763	5/21/2010 13:16	14.10	47.49	30.91	8.53	8.04	5.7	1.38	100.4
764	5/21/2010 13:31	14.30	47.88	31.20	8.60	8.16	6.2	1.41	101.9
765	5/21/2010 13:46	14.37	47.87	31.20	8.68	7.86	5.8	1.47	102.8
766	5/21/2010 14:01	14.55	47.17	30.69	8.77	7.98	6.2	1.53	104.0
767	5/21/2010 14:16	14.47	47.04	30.60	8.81	7.85	6.1	1.62	104.3
768	5/21/2010 14:31	14.42	47.29	30.78	8.76	8.24	5.3	1.68	103.7
769	5/21/2010 14:46	14.20	47.62	31.01	8.62	8.23	4.1	1.76	101.7
770	5/21/2010 15:01	14.12	47.82	31.15	8.64	8.07	4.3	1.85	101.9
771	5/21/2010 15:16	13.97	47.93	31.23	8.65	8.06	4.0	1.93	101.8
772	5/21/2010 15:31	13.81	47.89	31.20	8.83	8.03	3.9	2.01	103.5
773	5/21/2010 15:46	13.73	48.25	31.45	8.99	8.04	3.8	2.09	105.4
774	5/21/2010 16:01	13.65	48.41	31.57	9.15	8.25	4.2	2.17	107.2
775	5/21/2010 16:16	13.62	48.49	31.62	9.20	8.08	3.7	2.26	107.7
776	5/21/2010 16:31	13.60	48.53	31.65	9.26	7.85	3.8	2.35	108.4
777	5/21/2010 16:46	13.54	48.60	31.70	9.32	8.26	4.1	2.43	108.9
778	5/21/2010 17:01	13.53	48.64	31.73	9.38	8.06	4.3	2.50	109.7
779	5/21/2010 17:16	13.50	48.78	31.83	9.48	8.27	4.7	2.59	110.9
780	5/21/2010 17:31	13.26	48.89	31.90	9.47	8.10	5.3	2.68	110.2
781	5/21/2010 17:46	13.20	48.98	31.96	9.70	7.88	6.2	2.75	112.9
782	5/21/2010 18:01	13.12	49.13	32.07	9.99	8.13	6.2	2.83	116.1
783	5/21/2010 18:16	12.99	49.26	32.16	10.12	8.05	6.1	2.92	117.3
784	5/21/2010 18:31	12.81	49.26	32.15	10.25	8.33	6.4	2.99	118.4
785	5/21/2010 18:46	12.68	49.04	31.99	10.30	8.13	6.3	3.06	118.6
786	5/21/2010 19:01	12.58	49.52	32.33	10.30	8.08	5.8	3.11	118.6
787	5/21/2010 19:16	12.52	49.55	32.35	10.30	7.93	4.2	3.18	118.4
788	5/21/2010 19:31	12.48	49.59	32.38	10.24	7.93	3.5	3.22	117.7
789	5/21/2010 19:46	12.50	49.00	31.95	10.09	8.13	3.2	3.24	115.6
790	5/21/2010 20:01	12.64	49.43	32.27	9.97	7.92	3.2	3.24	114.8
791	5/21/2010 20:16	12.54	49.14	32.05	9.99	7.92	2.7	3.22	114.7
792	5/21/2010 20:31	12.53	48.89	31.87	10.00	8.24	3.0	3.20	114.7
793	5/21/2010 20:46	12.63	49.05	32.00	9.97	8.33	3.0	3.15	114.6
794	5/21/2010 21:01	12.74	48.80	31.82	9.90	8.14	4.7	3.06	114.0

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	
795	5/21/2010 21:16	12.69	48.87	31.87	9.86	8.11	4.4	2.99	113.4
796	5/21/2010 21:31	12.98	48.74	31.79	9.70	8.32	4.1	2.91	112.2
797	5/21/2010 21:46	13.25	49.26	32.17	9.65	8.22	5.1	2.83	112.5
798	5/21/2010 22:01	13.27	49.22	32.14	9.60	8.03	4.9	2.74	112.0
799	5/21/2010 22:16	13.36	48.24	31.43	9.55	8.09	4.0	2.65	111.1
800	5/21/2010 22:31	13.50	48.93	31.94	9.39	8.30	4.0	2.57	109.9
801	5/21/2010 22:46	13.75	48.27	31.47	9.11	8.28	4.3	2.48	106.8
802	5/21/2010 23:01	13.67	48.68	31.76	8.94	7.87	4.9	2.40	104.9
803	5/21/2010 23:16	13.40	48.73	31.79	9.00	8.26	15.3	2.29	105.0
804	5/21/2010 23:31	13.40	48.21	31.41	9.07	8.00	5.2	2.20	105.5
805	5/21/2010 23:46	13.51	48.34	31.51	8.98	8.27	6.1	2.12	104.9
806	5/22/2010 0:01	13.75	48.15	31.38	8.94	7.89	5.8	2.03	104.8
807	5/22/2010 0:16	13.79	48.02	31.29	8.87	8.20	5.6	1.95	104.0
808	5/22/2010 0:31	14.04	48.00	31.28	8.82	8.29	6.0	1.87	103.9
809	5/22/2010 0:46	14.07	47.83	31.16	8.76	8.30	5.9	1.80	103.2
810	5/22/2010 1:01	14.20	47.11	30.64	8.73	8.09	5.4	1.74	102.8
811	5/22/2010 1:16	14.23	47.81	31.15	8.65	8.11	5.6	1.70	102.2
812	5/22/2010 1:31	14.25	47.58	30.98	8.55	7.91	5.5	1.66	100.9
813	5/22/2010 1:46	14.25	47.71	31.08	8.46	8.21	4.8	1.66	100.0
814	5/22/2010 2:01	14.16	47.51	30.93	8.53	8.28	5.1	1.65	100.5
815	5/22/2010 2:16	14.08	47.85	31.17	8.66	8.09	5.2	1.68	102.0
816	5/22/2010 2:31	14.01	47.58	30.97	8.66	8.08	5.4	1.73	101.8
817	5/22/2010 2:46	13.98	47.81	31.14	8.58	8.01	5.5	1.78	100.9
818	5/22/2010 3:01	13.93	48.05	31.31	8.63	7.88	5.4	1.85	101.4
819	5/22/2010 3:16	13.86	47.50	30.92	8.63	8.25	6.1	1.92	101.1
820	5/22/2010 3:31	13.87	47.47	30.89	8.59	8.06	5.2	1.98	100.7
821	5/22/2010 3:46	13.87	47.73	31.08	8.60	8.25	4.9	2.07	100.8
822	5/22/2010 4:01	13.81	47.83	31.15	8.63	8.08	4.2	2.12	101.1
823	5/22/2010 4:16	13.66	48.03	31.29	8.73	8.08	4.2	2.19	102.1
824	5/22/2010 4:31	13.51	48.26	31.45	8.74	8.07	3.7	2.26	102.0
825	5/22/2010 4:46	13.37	48.37	31.53	8.87	7.85	3.5	2.31	103.2
826	5/22/2010 5:01	13.27	48.52	31.64	8.94	8.25	3.6	2.37	103.9
827	5/22/2010 5:16	13.22	48.81	31.84	8.97	8.25	3.4	2.43	104.3
828	5/22/2010 5:31	13.14	48.81	31.84	9.01	8.26	3.2	2.49	104.6
829	5/22/2010 5:46	13.08	47.84	31.14	9.06	8.05	3.4	2.54	104.5
830	5/22/2010 6:01	13.04	48.61	31.69	9.05	8.26	3.1	2.60	104.7
831	5/22/2010 6:16	12.97	48.84	31.85	9.07	8.26	3.4	2.65	104.9
832	5/22/2010 6:31	12.88	48.67	31.73	9.15	8.27	3.3	2.70	105.6
833	5/22/2010 6:46	12.81	49.11	32.04	9.19	8.01	3.2	2.76	106.0
834	5/22/2010 7:01	12.79	48.97	31.94	9.17	8.01	2.8	2.80	105.7
835	5/22/2010 7:16	12.73	48.98	31.95	9.14	8.09	2.5	2.83	105.2
836	5/22/2010 7:31	12.67	48.63	31.69	9.15	8.28	2.2	2.86	105.1
837	5/22/2010 7:46	12.64	49.02	31.97	9.13	8.28	2.2	2.88	105.0
838	5/22/2010 8:01	12.71	48.97	31.94	8.99	8.09	3.1	2.88	103.4
839	5/22/2010 8:16	12.68	48.65	31.71	8.98	7.86	1.9	2.86	103.1
840	5/22/2010 8:31	12.65	48.04	31.27	9.04	8.06	1.8	2.84	103.5
841	5/22/2010 8:46	12.71	48.89	31.88	8.96	8.17	2.3	2.79	103.1
842	5/22/2010 9:01	12.76	48.62	31.69	8.94	8.26	2.7	2.72	102.8
843	5/22/2010 9:16	12.79	48.39	31.52	8.98	8.05	3.8	2.65	103.3
844	5/22/2010 9:31	12.80	48.93	31.92	8.95	8.17	4.0	2.58	103.2
845	5/22/2010 9:46	12.59	48.64	31.70	9.14	7.86	4.0	2.50	104.8
846	5/22/2010 10:01	12.63	48.74	31.77	9.18	8.02	4.9	2.41	105.4
847	5/22/2010 10:16	12.62	47.79	31.08	9.23	8.07	5.4	2.33	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	DO%
			mS/cm		mg/L		NTU	meters	
848	5/22/2010 10:31	12.77	47.62	30.97	8.97	8.05	5.2	2.24	102.7
849	5/22/2010 10:46	12.78	48.21	31.39	8.88	8.26	4.7	2.15	102.0
850	5/22/2010 11:01	12.90	48.21	31.39	8.90	8.26	4.8	2.06	102.6
851	5/22/2010 11:16	13.06	48.00	31.25	8.79	7.86	5.2	1.96	101.5
852	5/22/2010 11:31	13.22	47.08	30.59	8.57	8.05	5.7	1.88	98.9
853	5/22/2010 11:46	13.17	47.37	30.79	8.68	8.06	5.9	1.79	100.2
854	5/22/2010 12:01	13.30	47.60	30.97	8.61	8.00	5.4	1.70	99.7
855	5/22/2010 12:16	13.35	47.53	30.92	8.68	8.09	5.6	1.62	100.6
856	5/22/2010 12:31	13.39	47.51	30.91	8.54	8.08	5.8	1.56	99.1
857	5/22/2010 12:46	13.42	47.42	30.84	8.36	8.16	6.5	1.50	96.9
858	5/22/2010 13:01	13.41	47.60	30.97	8.09	8.23	5.5	1.44	94.0
859	5/22/2010 13:16	13.45	46.43	30.13	7.82	8.01	6.8	1.42	90.4
860	5/22/2010 13:31	13.43	47.37	30.81	8.26	8.04	5.1	1.42	95.8
861	5/22/2010 13:46	13.42	47.49	30.90	8.35	8.15	4.5	1.42	96.9
862	5/22/2010 14:01	13.43	47.50	30.90	8.40	8.24	5.1	1.45	97.5
863	5/22/2010 14:16	13.71	47.45	30.87	8.62	8.25	5.2	1.49	100.6
864	5/22/2010 14:31	13.58	47.45	30.87	8.61	8.25	5.1	1.55	100.3
865	5/22/2010 14:46	13.65	47.37	30.81	8.63	8.25	5.6	1.62	100.5
866	5/22/2010 15:01	13.83	46.94	30.51	8.74	8.25	5.4	1.69	102.0
867	5/22/2010 15:16	13.69	46.81	30.41	8.67	8.24	5.2	1.76	100.9
868	5/22/2010 15:31	13.77	46.59	30.25	8.69	8.24	5.4	1.84	101.1
869	5/22/2010 15:46	13.60	46.94	30.50	8.65	8.24	4.5	1.91	100.5
870	5/22/2010 16:01	13.51	46.76	30.37	8.65	8.04	4.5	1.99	100.3
871	5/22/2010 16:16	13.47	46.74	30.35	8.78	8.04	4.0	2.07	101.6
872	5/22/2010 16:31	13.33	47.83	31.14	8.83	8.16	4.2	2.15	102.5
873	5/22/2010 16:46	13.30	48.05	31.30	8.97	8.25	4.2	2.23	104.1
874	5/22/2010 17:01	13.33	48.36	31.52	9.09	8.26	4.0	2.32	105.7
875	5/22/2010 17:16	13.32	48.30	31.48	9.18	8.09	4.4	2.40	106.7
876	5/22/2010 17:31	13.32	47.82	31.13	9.25	8.07	4.6	2.49	107.3
877	5/22/2010 17:46	13.28	47.94	31.21	9.32	8.06	4.6	2.57	108.1
878	5/22/2010 18:01	13.31	48.59	31.69	9.36	8.07	5.2	2.65	109.0
879	5/22/2010 18:16	13.03	48.65	31.72	9.36	8.28	6.3	2.74	108.3
880	5/22/2010 18:31	13.00	48.79	31.82	9.54	8.30	6.7	2.83	110.4
881	5/22/2010 18:46	12.99	48.85	31.86	9.75	7.90	7.4	2.91	112.9
882	5/22/2010 19:01	12.87	49.02	31.98	9.82	7.91	7.0	2.99	113.5
883	5/22/2010 19:16	12.72	48.99	31.95	9.87	8.32	7.4	3.08	113.7
884	5/22/2010 19:31	12.63	49.05	31.99	9.97	8.07	6.5	3.17	114.6
885	5/22/2010 19:46	12.57	49.16	32.07	10.06	8.13	5.4	3.23	115.6
886	5/22/2010 20:01	12.56	49.25	32.14	10.02	8.34	5.1	3.29	115.1
887	5/22/2010 20:16	12.54	49.02	31.97	9.99	8.34	4.3	3.34	114.6
888	5/22/2010 20:31	12.50	49.02	31.97	9.91	7.93	2.9	3.37	113.7
889	5/22/2010 20:46	12.68	48.90	31.89	9.70	8.32	3.7	3.38	111.5
890	5/22/2010 21:01	12.59	49.20	32.10	9.65	8.32	2.5	3.37	111.0
891	5/22/2010 21:16	12.57	48.74	31.76	9.66	8.12	3.1	3.34	110.8
892	5/22/2010 21:31	12.48	49.19	32.09	9.67	8.33	5.1	3.28	110.9
893	5/22/2010 21:46	12.51	48.70	31.74	9.65	8.12	6.3	3.20	110.5
894	5/22/2010 22:01	12.40	49.21	32.10	9.62	8.12	8.0	3.12	110.2
895	5/22/2010 22:16	12.47	48.32	31.46	9.62	8.11	8.6	3.03	109.8
896	5/22/2010 22:31	13.05	48.75	31.79	9.55	8.11	6.0	2.92	110.6
897	5/22/2010 22:46	13.09	48.72	31.77	9.48	8.30	6.2	2.81	109.9
898	5/22/2010 23:01	13.11	47.76	31.08	9.47	8.09	6.7	2.72	109.4
899	5/22/2010 23:16	13.15	48.51	31.62	9.33	8.09	6.8	2.62	108.2
900	5/22/2010 23:31	13.28	48.06	31.30	9.15	8.07	6.2	2.51	106.2

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		
901	5/22/2010 23:46	13.34	48.26	31.45	9.04	8.27	5.3	2.41	105.1
902	5/23/2010 0:01	13.20	48.30	31.47	8.97	8.27	6.7	2.30	104.1
903	5/23/2010 0:16	13.34	47.91	31.20	8.90	8.27	6.6	2.20	103.3
904	5/23/2010 0:31	13.26	47.69	31.03	8.92	8.07	7.0	2.08	103.3
905	5/23/2010 0:46	13.36	47.90	31.19	8.86	8.27	6.3	1.98	102.9
906	5/23/2010 1:01	13.23	47.83	31.14	8.75	7.86	5.4	1.88	101.4
907	5/23/2010 1:16	13.37	47.85	31.15	8.75	8.26	6.0	1.76	101.6
908	5/23/2010 1:31	13.45	46.85	30.43	8.74	8.05	5.7	1.66	101.2
909	5/23/2010 1:46	13.51	47.72	31.06	8.67	8.01	6.1	1.57	100.9
910	5/23/2010 2:01	13.57	47.60	30.97	8.61	8.05	5.7	1.51	100.3
911	5/23/2010 2:16	13.63	46.76	30.38	8.60	8.17	5.5	1.46	99.9
912	5/23/2010 2:31	13.64	47.48	30.89	8.44	8.00	5.2	1.42	98.4
913	5/23/2010 2:46	13.68	47.37	30.82	8.42	8.26	5.0	1.40	98.3
914	5/23/2010 3:01	13.61	47.48	30.89	8.59	8.17	5.4	1.41	100.1
915	5/23/2010 3:16	13.61	47.51	30.91	8.59	8.08	5.0	1.43	100.1
916	5/23/2010 3:31	13.59	46.75	30.36	8.61	8.06	4.5	1.48	99.9
917	5/23/2010 3:46	13.59	46.90	30.47	8.65	8.06	4.8	1.53	100.5
918	5/23/2010 4:01	13.54	47.23	30.71	8.60	7.86	5.1	1.59	99.9
919	5/23/2010 4:16	13.62	46.02	29.84	8.61	8.25	5.5	1.66	99.7
920	5/23/2010 4:31	13.66	46.37	30.09	8.63	8.05	5.2	1.74	100.1
921	5/23/2010 4:46	13.62	46.21	29.98	8.58	8.05	5.2	1.81	99.4
922	5/23/2010 5:01	13.61	46.74	30.35	8.57	8.05	5.2	1.88	99.5
923	5/23/2010 5:16	13.59	47.29	30.75	8.51	7.99	4.3	1.94	99.0
924	5/23/2010 5:31	13.47	47.09	30.61	8.60	8.04	4.5	2.03	99.7
925	5/23/2010 5:46	13.35	47.73	31.07	8.62	8.24	4.2	2.09	100.0
926	5/23/2010 6:01	13.30	47.84	31.14	8.68	8.24	4.1	2.16	100.6
927	5/23/2010 6:16	13.26	47.21	30.69	8.77	8.04	3.8	2.23	101.3
928	5/23/2010 6:31	13.18	47.58	30.95	8.81	8.04	3.7	2.30	101.8
929	5/23/2010 6:46	13.15	47.80	31.11	8.83	8.04	3.5	2.37	102.0
930	5/23/2010 7:01	13.09	48.16	31.37	8.82	7.99	4.0	2.43	101.9
931	5/23/2010 7:16	13.03	47.98	31.23	8.85	8.25	3.7	2.50	102.1
932	5/23/2010 7:31	12.96	48.21	31.40	8.88	8.25	3.7	2.55	102.4
933	5/23/2010 7:46	12.93	48.27	31.44	8.90	8.08	3.7	2.61	102.6
934	5/23/2010 8:01	12.89	48.38	31.52	8.95	7.86	3.8	2.66	103.2
935	5/23/2010 8:16	12.86	47.93	31.19	8.98	8.06	3.8	2.71	103.2
936	5/23/2010 8:31	12.80	48.43	31.55	9.00	8.27	4.0	2.75	103.5
937	5/23/2010 8:46	12.75	48.45	31.56	9.03	8.27	3.7	2.78	103.8
938	5/23/2010 9:01	12.72	48.48	31.58	9.01	8.01	2.7	2.80	103.5
939	5/23/2010 9:16	12.83	48.38	31.52	8.86	8.01	4.0	2.81	102.0
940	5/23/2010 9:31	12.78	48.00	31.24	8.80	8.05	2.0	2.80	101.0
941	5/23/2010 9:46	12.68	48.51	31.60	8.89	7.86	2.4	2.78	102.1
942	5/23/2010 10:01	12.74	48.47	31.58	8.91	7.86	2.8	2.73	102.3
943	5/23/2010 10:16	12.95	47.89	31.17	8.90	8.26	2.9	2.68	102.4
944	5/23/2010 10:31	13.02	48.27	31.44	8.98	8.26	3.4	2.62	103.7
945	5/23/2010 10:46	13.18	48.17	31.38	8.99	8.26	3.6	2.56	104.1
946	5/23/2010 11:01	13.24	48.10	31.33	9.05	8.18	4.3	2.47	104.9
947	5/23/2010 11:16	13.23	47.74	31.07	9.02	8.06	4.3	2.39	104.4
948	5/23/2010 11:31	13.26	47.93	31.21	8.97	8.26	4.2	2.32	104.0
949	5/23/2010 11:46	13.45	47.76	31.09	8.97	8.09	4.3	2.23	104.3
950	5/23/2010 12:01	13.62	47.53	30.93	9.06	8.18	4.5	2.15	105.7
951	5/23/2010 12:16	14.11	47.95	31.24	9.45	8.04	5.4	2.06	111.5
952	5/23/2010 12:31	14.30	47.69	31.07	9.43	8.09	4.9	1.97	111.5
953	5/23/2010 12:46	14.50	47.56	30.97	9.47	8.05	4.8	1.90	112.4

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	
954	5/23/2010 13:01	14.78	47.54	30.96	9.52	8.30	4.8	1.82	113.6
955	5/23/2010 13:16	14.86	46.67	30.34	9.51	8.14	4.6	1.75	113.3
956	5/23/2010 13:31	14.84	47.42	30.88	9.34	8.11	4.8	1.70	111.5
957	5/23/2010 13:46	14.54	47.41	30.87	9.26	7.92	4.4	1.65	110.0
958	5/23/2010 14:01	14.49	47.35	30.82	9.08	8.28	3.3	1.62	107.7
959	5/23/2010 14:16	14.63	47.33	30.81	8.91	8.27	9.1	1.59	105.9
960	5/23/2010 14:31	14.65	47.46	30.91	9.24	8.29	4.2	1.59	110.0
961	5/23/2010 14:46	14.43	47.26	30.75	9.35	8.09	4.2	1.61	110.7
962	5/23/2010 15:01	14.51	47.08	30.62	9.39	8.09	4.0	1.63	111.2
963	5/23/2010 15:16	14.79	47.43	30.88	9.56	8.05	4.8	1.67	114.0
964	5/23/2010 15:31	14.72	47.12	30.66	9.50	7.92	4.9	1.72	113.1
965	5/23/2010 15:46	14.50	47.04	30.60	9.49	8.29	4.8	1.80	112.4
966	5/23/2010 16:01	14.90	46.69	30.35	9.46	8.28	5.1	1.85	112.8
967	5/23/2010 16:16	14.72	46.83	30.45	9.41	8.09	4.9	1.93	111.9
968	5/23/2010 16:31	14.48	46.78	30.41	9.34	8.27	4.0	2.00	110.5
969	5/23/2010 16:46	14.34	46.96	30.53	9.25	8.27	3.6	2.08	109.2
970	5/23/2010 17:01	14.13	47.41	30.86	9.23	8.18	3.8	2.17	108.6
971	5/23/2010 17:16	14.28	47.32	30.80	9.31	8.27	4.2	2.24	109.9
972	5/23/2010 17:31	14.27	47.54	30.95	9.44	8.03	4.0	2.33	111.5
973	5/23/2010 17:46	13.65	47.19	30.68	9.26	8.07	4.3	2.41	107.8
974	5/23/2010 18:01	13.69	48.10	31.34	9.27	8.02	4.6	2.49	108.5
975	5/23/2010 18:16	13.65	48.19	31.40	9.38	8.28	5.4	2.58	109.8
976	5/23/2010 18:31	13.52	48.27	31.46	9.32	8.27	5.4	2.66	108.8
977	5/23/2010 18:46	13.50	48.31	31.49	9.37	8.28	5.7	2.75	109.3
978	5/23/2010 19:01	13.35	48.30	31.47	9.42	8.09	8.2	2.84	109.6
979	5/23/2010 19:16	13.12	48.34	31.50	9.60	8.30	9.7	2.93	111.2
980	5/23/2010 19:31	13.00	48.47	31.59	9.67	8.30	11.0	3.02	111.8
981	5/23/2010 19:46	12.81	48.59	31.66	9.72	8.31	10.1	3.12	111.9
982	5/23/2010 20:01	12.70	48.77	31.80	9.74	8.31	10.3	3.20	112.0
983	5/23/2010 20:16	12.65	48.01	31.24	9.90	8.12	9.2	3.29	113.3
984	5/23/2010 20:31	12.63	48.96	31.93	9.88	8.22	5.9	3.37	113.5
985	5/23/2010 20:46	12.60	48.59	31.66	9.84	7.91	5.3	3.41	112.8
986	5/23/2010 21:01	12.58	48.22	31.39	9.81	8.11	3.0	3.46	112.2
987	5/23/2010 21:16	12.58	48.28	31.43	9.68	8.12	2.9	3.49	110.8
988	5/23/2010 21:31	12.74	48.19	31.37	9.52	8.12	3.1	3.49	109.3
989	5/23/2010 21:46	12.66	48.93	31.91	9.45	7.89	3.6	3.48	108.7
990	5/23/2010 22:01	12.70	48.22	31.39	9.49	8.10	7.9	3.43	108.9
991	5/23/2010 22:16	12.68	48.65	31.71	9.52	8.09	3.7	3.37	109.3
992	5/23/2010 22:31	12.75	48.71	31.75	9.43	8.11	5.3	3.28	108.6
993	5/23/2010 22:46	12.77	48.81	31.82	9.48	8.30	4.6	3.18	109.2
994	5/23/2010 23:01	13.19	48.46	31.59	9.34	8.29	5.6	3.08	108.4
995	5/23/2010 23:16	13.18	48.10	31.33	9.40	8.30	5.9	2.96	108.9
996	5/23/2010 23:31	13.17	48.40	31.54	9.39	8.04	5.5	2.86	108.8
997	5/23/2010 23:46	13.27	48.27	31.45	9.34	8.11	5.6	2.74	108.4
998	5/24/2010 0:01	13.39	48.14	31.36	9.28	8.28	4.9	2.63	108.0
999	5/24/2010 0:16	13.56	48.03	31.29	9.12	8.27	5.3	2.51	106.4
1000	5/24/2010 0:31	13.77	47.82	31.14	8.95	8.26	6.4	2.39	104.8
1001	5/24/2010 0:46	13.71	47.06	30.59	9.02	8.06	6.3	2.27	105.2
1002	5/24/2010 1:01	13.69	47.90	31.20	8.98	8.26	5.9	2.15	105.0
1003	5/24/2010 1:16	13.94	47.50	30.92	9.00	7.89	7.8	2.03	105.6
1004	5/24/2010 1:31	13.97	47.67	31.04	8.92	8.03	6.8	1.91	104.8
1005	5/24/2010 1:46	14.21	47.31	30.79	8.91	8.27	6.9	1.79	105.0
1006	5/24/2010 2:01	14.29	47.51	30.93	8.91	8.03	7.1	1.65	105.3

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	
1007	5/24/2010 2:16	14.45	47.41	30.86	8.83	7.90	7.2	1.54	104.7
1008	5/24/2010 2:31	14.63	47.23	30.74	8.75	8.27	7.6	1.43	104.0
1009	5/24/2010 2:46	14.74	46.98	30.56	8.71	8.08	7.0	1.33	103.6
1010	5/24/2010 3:01	14.84	47.11	30.66	8.63	8.08	6.9	1.25	103.0
1011	5/24/2010 3:16	14.87	47.09	30.64	8.60	8.02	6.5	1.19	102.7
1012	5/24/2010 3:31	14.89	47.07	30.63	8.49	7.90	8.7	1.16	101.4
1013	5/24/2010 3:46	14.81	47.08	30.64	8.55	8.26	5.9	1.15	102.0
1014	5/24/2010 4:01	14.71	47.23	30.74	8.61	8.01	5.6	1.16	102.5
1015	5/24/2010 4:16	14.62	47.22	30.73	8.62	7.89	6.2	1.21	102.4
1016	5/24/2010 4:31	14.56	47.27	30.77	8.65	8.26	6.5	1.27	102.7
1017	5/24/2010 4:46	14.52	47.30	30.78	8.62	8.01	6.3	1.34	102.2
1018	5/24/2010 5:01	14.52	46.57	30.26	8.60	8.25	6.4	1.41	101.7
1019	5/24/2010 5:16	14.58	46.07	29.90	8.69	8.06	6.2	1.48	102.7
1020	5/24/2010 5:31	14.55	46.37	30.11	8.68	8.25	6.2	1.56	102.6
1021	5/24/2010 5:46	14.51	46.43	30.16	8.66	8.25	5.9	1.63	102.4
1022	5/24/2010 6:01	14.48	45.84	29.73	8.66	8.06	5.4	1.71	102.0
1023	5/24/2010 6:16	14.44	46.96	30.54	8.63	8.06	5.6	1.78	102.0
1024	5/24/2010 6:31	14.23	46.21	29.99	8.66	8.05	5.2	1.86	101.7
1025	5/24/2010 6:46	14.11	47.00	30.56	8.66	8.05	5.0	1.94	101.7
1026	5/24/2010 7:01	13.98	47.27	30.75	8.69	8.24	5.0	2.03	101.9
1027	5/24/2010 7:16	13.88	47.54	30.94	8.75	8.24	4.9	2.11	102.6
1028	5/24/2010 7:31	13.85	47.73	31.08	8.81	8.24	4.5	2.19	103.3
1029	5/24/2010 7:46	13.80	47.37	30.82	8.84	8.06	4.9	2.28	103.4
1030	5/24/2010 8:01	13.71	47.63	31.01	8.85	8.06	4.6	2.35	103.4
1031	5/24/2010 8:16	13.64	47.78	31.11	8.86	8.25	5.4	2.43	103.4
1032	5/24/2010 8:31	13.53	47.90	31.20	8.92	8.25	5.2	2.50	103.9
1033	5/24/2010 8:46	13.45	47.93	31.21	8.95	8.06	5.3	2.58	104.1
1034	5/24/2010 9:01	13.36	48.02	31.28	8.97	8.08	5.2	2.64	104.2
1035	5/24/2010 9:16	13.24	48.08	31.31	9.02	7.87	5.1	2.69	104.6
1036	5/24/2010 9:31	13.19	48.14	31.35	9.03	8.26	5.2	2.75	104.6
1037	5/24/2010 9:46	13.13	47.91	31.19	9.08	7.87	4.0	2.80	105.0
1038	5/24/2010 10:01	13.07	48.32	31.48	9.08	8.02	4.0	2.84	105.0
1039	5/24/2010 10:16	12.95	48.03	31.27	9.09	8.26	2.7	2.86	104.7
1040	5/24/2010 10:31	13.18	48.13	31.35	8.86	7.87	4.0	2.88	102.6
1041	5/24/2010 10:46	13.15	48.25	31.44	8.67	8.00	2.4	2.87	100.4
1042	5/24/2010 11:01	12.98	48.41	31.54	8.85	8.25	3.2	2.84	102.2
1043	5/24/2010 11:16	13.23	47.46	30.87	8.88	8.05	3.0	2.81	102.7
1044	5/24/2010 11:31	13.86	47.79	31.13	9.02	8.06	3.6	2.74	105.8
1045	5/24/2010 11:46	13.95	47.85	31.17	9.06	8.26	4.4	2.67	106.5
1046	5/24/2010 12:01	14.31	47.78	31.13	9.30	8.03	4.8	2.60	110.0
1047	5/24/2010 12:16	13.88	47.86	31.18	9.08	8.26	4.9	2.51	106.5
1048	5/24/2010 12:31	13.93	47.11	30.63	8.98	8.26	5.2	2.43	105.1
1049	5/24/2010 12:46	14.06	47.41	30.86	9.02	8.07	5.2	2.35	106.0
1050	5/24/2010 13:01	14.34	47.54	30.96	9.05	8.26	4.7	2.27	107.0
1051	5/24/2010 13:16	14.58	47.48	30.91	9.12	8.19	4.6	2.19	108.3
1052	5/24/2010 13:31	14.87	47.37	30.85	9.29	7.91	5.1	2.11	111.0
1053	5/24/2010 13:46	15.00	47.23	30.75	9.41	8.20	4.8	2.05	112.6
1054	5/24/2010 14:01	15.23	47.17	30.71	9.42	7.93	4.3	1.99	113.3
1055	5/24/2010 14:16	15.38	47.04	30.61	9.36	7.93	4.7	1.91	112.9
1056	5/24/2010 14:31	15.50	47.05	30.63	9.31	8.28	4.6	1.87	112.6
1057	5/24/2010 14:46	15.49	46.66	30.34	9.09	8.08	4.0	1.84	109.6
1058	5/24/2010 15:01	15.46	46.86	30.49	8.27	8.04	3.8	1.81	99.8
1059	5/24/2010 15:16	15.53	46.76	30.41	9.12	8.09	10.3	1.78	110.1

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	
1060	5/24/2010 15:31	15.18	47.08	30.64	9.21	8.19	5.1	1.80	110.6
1061	5/24/2010 15:46	15.22	47.02	30.60	9.43	8.13	5.4	1.82	113.3
1062	5/24/2010 16:01	15.19	46.96	30.55	9.41	8.28	5.1	1.85	112.9
1063	5/24/2010 16:16	15.13	46.98	30.57	9.34	8.20	5.3	1.88	112.0
1064	5/24/2010 16:31	15.11	46.90	30.51	9.36	8.28	5.7	1.94	112.2
1065	5/24/2010 16:46	15.18	46.70	30.37	9.33	7.92	6.6	2.00	111.9
1066	5/24/2010 17:01	14.88	47.07	30.63	9.29	8.03	5.0	2.08	110.9
1067	5/24/2010 17:16	14.81	46.85	30.47	9.28	8.27	4.8	2.15	110.5
1068	5/24/2010 17:31	14.74	47.26	30.76	9.31	8.03	4.9	2.23	110.9
1069	5/24/2010 17:46	14.47	47.49	30.93	9.25	7.90	4.9	2.30	109.7
1070	5/24/2010 18:01	14.26	47.68	31.05	9.26	8.26	5.0	2.38	109.4
1071	5/24/2010 18:16	14.20	47.71	31.07	9.27	8.27	4.4	2.46	109.4
1072	5/24/2010 18:31	14.14	47.67	31.05	9.29	8.08	5.6	2.54	109.6
1073	5/24/2010 18:46	13.98	47.29	30.77	9.28	8.07	6.0	2.63	108.9
1074	5/24/2010 19:01	13.74	47.92	31.21	9.26	8.08	6.6	2.72	108.4
1075	5/24/2010 19:16	13.54	48.00	31.27	9.30	8.27	8.5	2.80	108.4
1076	5/24/2010 19:31	13.36	48.19	31.40	9.29	8.03	8.1	2.90	108.1
1077	5/24/2010 19:46	13.17	48.36	31.51	9.52	7.90	9.9	3.00	110.4
1078	5/24/2010 20:01	13.06	48.46	31.58	9.56	7.90	10.1	3.10	110.6
1079	5/24/2010 20:16	12.95	48.62	31.70	9.68	8.20	9.3	3.20	111.8
1080	5/24/2010 20:31	12.81	48.77	31.80	9.73	7.90	8.4	3.29	112.2
1081	5/24/2010 20:46	12.73	48.62	31.68	9.76	8.10	7.2	3.39	112.2
1082	5/24/2010 21:01	12.69	48.89	31.88	9.73	8.30	6.0	3.46	112.0
1083	5/24/2010 21:16	12.65	48.92	31.90	9.72	8.30	5.1	3.53	111.8
1084	5/24/2010 21:31	12.58	48.99	31.95	9.74	8.31	3.5	3.60	111.8
1085	5/24/2010 21:46	12.52	49.05	31.99	9.67	8.30	2.7	3.64	110.9
1086	5/24/2010 22:01	12.41	49.12	32.03	9.62	8.30	2.0	3.66	110.1
1087	5/24/2010 22:16	12.67	48.93	31.91	9.46	8.29	3.0	3.66	108.8
1088	5/24/2010 22:31	12.63	48.97	31.94	9.39	8.04	3.2	3.65	107.9
1089	5/24/2010 22:46	12.66	48.93	31.91	9.44	8.10	2.9	3.60	108.5
1090	5/24/2010 23:01	12.82	48.58	31.66	9.45	7.89	4.1	3.51	108.9
1091	5/24/2010 23:16	12.99	48.55	31.65	9.36	7.89	5.9	3.43	108.2
1092	5/24/2010 23:31	12.84	48.71	31.75	9.39	7.89	4.0	3.32	108.3
1093	5/24/2010 23:46	13.19	48.44	31.57	9.20	8.18	5.2	3.21	106.8
1094	5/25/2010 0:01	13.21	48.20	31.40	9.31	7.89	6.6	3.08	107.9
1095	5/25/2010 0:16	13.20	48.40	31.55	9.28	7.89	5.7	2.96	107.6
1096	5/25/2010 0:31	13.42	47.43	30.85	9.18	8.07	6.8	2.84	106.5
1097	5/25/2010 0:46	13.65	47.65	31.02	9.07	8.07	6.4	2.71	105.8
1098	5/25/2010 1:01	13.61	47.90	31.19	9.05	8.26	5.7	2.59	105.6
1099	5/25/2010 1:16	13.90	47.41	30.85	8.92	7.88	6.3	2.45	104.5
1100	5/25/2010 1:31	14.03	47.72	31.08	8.88	7.88	6.5	2.32	104.5
1101	5/25/2010 1:46	13.89	47.07	30.61	8.91	8.06	6.2	2.20	104.2
1102	5/25/2010 2:01	14.23	47.60	31.00	8.83	7.88	6.9	2.04	104.3
1103	5/25/2010 2:16	14.28	47.16	30.68	8.78	7.88	6.9	1.91	103.5
1104	5/25/2010 2:31	14.39	46.92	30.51	8.75	8.08	7.7	1.77	103.4
1105	5/25/2010 2:46	14.51	47.42	30.87	8.63	7.88	7.6	1.64	102.4
1106	5/25/2010 3:01	14.47	47.46	30.90	8.58	7.87	7.6	1.49	101.7
1107	5/25/2010 3:16	14.72	46.97	30.55	8.51	7.87	8.0	1.36	101.2
1108	5/25/2010 3:31	14.96	47.15	30.69	8.49	7.88	7.9	1.24	101.6
1109	5/25/2010 3:46	15.10	46.46	30.19	8.47	8.05	7.7	1.14	101.3
1110	5/25/2010 4:01	15.22	46.44	30.18	8.40	8.00	7.2	1.05	100.6
1111	5/25/2010 4:16	15.29	46.26	30.05	8.31	8.07	6.9	0.99	99.7
1112	5/25/2010 4:31	15.30	46.98	30.57	8.13	8.14	5.9	0.97	97.8

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	
1113	5/25/2010 4:46	15.22	46.33	30.10	8.37	8.05	6.6	0.97	100.2
1114	5/25/2010 5:01	15.16	47.03	30.60	8.36	7.87	6.5	1.02	100.4
1115	5/25/2010 5:16	15.11	47.05	30.62	8.40	8.05	6.4	1.07	100.7
1116	5/25/2010 5:31	15.04	46.60	30.29	8.43	8.05	6.5	1.15	100.8
1117	5/25/2010 5:46	15.01	46.77	30.41	8.41	8.04	6.1	1.22	100.5
1118	5/25/2010 6:01	15.05	45.20	29.28	8.38	8.03	7.1	1.29	99.5
1119	5/25/2010 6:16	15.05	46.07	29.91	8.39	8.03	6.8	1.38	100.0
1120	5/25/2010 6:31	15.02	45.54	29.53	8.38	8.21	6.5	1.45	99.6
1121	5/25/2010 6:46	14.98	46.02	29.87	8.33	8.03	6.5	1.52	99.2
1122	5/25/2010 7:01	14.95	45.60	29.57	8.36	8.03	5.9	1.62	99.3
1123	5/25/2010 7:16	14.86	46.49	30.21	8.31	8.21	6.1	1.72	98.9
1124	5/25/2010 7:31	14.70	46.76	30.40	8.38	8.21	5.9	1.81	99.5
1125	5/25/2010 7:46	14.49	46.76	30.39	8.47	8.03	5.2	1.89	100.2
1126	5/25/2010 8:01	14.43	47.20	30.71	8.51	8.14	5.2	1.99	100.7
1127	5/25/2010 8:16	14.36	47.51	30.93	8.57	8.06	5.5	2.09	101.5
1128	5/25/2010 8:31	14.28	47.62	31.01	8.61	8.23	6.0	2.18	101.8
1129	5/25/2010 8:46	14.20	47.53	30.94	8.61	8.23	5.9	2.26	101.6
1130	5/25/2010 9:01	14.12	47.58	30.98	8.63	8.23	5.7	2.35	101.6
1131	5/25/2010 9:16	14.01	47.64	31.02	8.67	8.15	6.7	2.43	101.9
1132	5/25/2010 9:31	13.91	47.71	31.07	8.70	7.86	6.7	2.52	102.1
1133	5/25/2010 9:46	13.73	47.26	30.73	8.78	8.05	6.7	2.59	102.5
1134	5/25/2010 10:01	13.64	47.88	31.18	8.80	8.05	6.3	2.67	102.8
1135	5/25/2010 10:16	13.45	47.36	30.80	8.89	8.05	6.4	2.72	103.2
1136	5/25/2010 10:31	13.30	48.15	31.37	8.91	8.05	5.8	2.79	103.5
1137	5/25/2010 10:46	13.21	47.74	31.07	8.95	8.05	4.6	2.86	103.5
1138	5/25/2010 11:01	13.10	48.24	31.42	8.96	8.06	4.4	2.91	103.6
1139	5/25/2010 11:16	13.09	48.34	31.49	8.91	8.25	3.5	2.96	103.1
1140	5/25/2010 11:31	13.07	48.04	31.28	8.85	8.25	2.9	2.96	102.2
1141	5/25/2010 11:46	13.20	47.77	31.09	8.68	8.05	6.1	2.96	100.4
1142	5/25/2010 12:01	13.11	48.30	31.47	8.70	8.15	3.2	2.95	100.7
1143	5/25/2010 12:16	13.07	48.37	31.52	8.73	8.00	3.5	2.91	101.0
1144	5/25/2010 12:31	13.57	47.99	31.26	8.79	8.25	4.8	2.84	102.6
1145	5/25/2010 12:46	13.69	47.85	31.16	8.75	8.05	9.8	2.78	102.2
1146	5/25/2010 13:01	13.93	47.72	31.07	8.87	8.01	4.9	2.70	104.1
1147	5/25/2010 13:16	13.96	47.30	30.77	8.78	7.86	4.8	2.62	102.9
1148	5/25/2010 13:31	14.00	47.60	30.99	8.63	7.99	4.9	2.53	101.4
1149	5/25/2010 13:46	14.00	47.55	30.95	8.59	8.15	4.7	2.46	100.9
1150	5/25/2010 14:01	14.21	47.46	30.89	8.52	7.85	4.6	2.38	100.5
1151	5/25/2010 14:16	14.37	47.32	30.80	8.51	7.85	4.6	2.31	100.6
1152	5/25/2010 14:31	14.50	46.54	30.24	8.52	8.04	4.8	2.24	100.7
1153	5/25/2010 14:46	14.57	47.25	30.75	8.72	8.24	4.9	2.17	103.6
1154	5/25/2010 15:01	14.64	46.89	30.49	8.72	8.24	4.9	2.13	103.5
1155	5/25/2010 15:16	14.70	46.75	30.39	8.76	8.24	4.2	2.06	104.1
1156	5/25/2010 15:31	14.77	46.64	30.31	8.82	8.06	4.5	2.00	104.8
1157	5/25/2010 15:46	14.79	46.87	30.48	8.76	8.16	4.3	1.98	104.3
1158	5/25/2010 16:01	14.82	46.77	30.41	8.67	7.88	4.6	1.94	103.3
1159	5/25/2010 16:16	14.83	46.58	30.27	8.50	8.23	4.1	1.93	101.2
1160	5/25/2010 16:31	14.69	46.95	30.53	8.65	8.23	4.0	1.93	102.8
1161	5/25/2010 16:46	14.60	46.60	30.28	8.63	8.23	4.0	1.94	102.2
1162	5/25/2010 17:01	14.65	46.60	30.28	8.73	8.23	5.1	1.97	103.6
1163	5/25/2010 17:16	14.66	46.32	30.08	8.66	8.04	4.9	2.01	102.6
1164	5/25/2010 17:31	14.59	46.13	29.94	8.65	8.04	5.2	2.08	102.3
1165	5/25/2010 17:46	14.60	46.88	30.48	8.66	8.04	5.2	2.14	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	DO%
			mS/cm		mg/L		NTU	meters	
1166	5/25/2010 18:01	14.54	46.95	30.53	8.59	8.22	4.8	2.21	101.8
1167	5/25/2010 18:16	14.44	47.06	30.61	8.65	8.04	5.4	2.30	102.4
1168	5/25/2010 18:31	14.29	46.73	30.37	8.76	8.04	4.8	2.38	103.2
1169	5/25/2010 18:46	14.14	47.39	30.84	8.75	8.04	4.8	2.45	103.0
1170	5/25/2010 19:01	14.00	46.98	30.54	8.84	8.05	4.8	2.53	103.6
1171	5/25/2010 19:16	13.81	47.75	31.09	8.81	8.05	4.8	2.62	103.3
1172	5/25/2010 19:31	13.76	47.82	31.14	8.83	8.24	5.1	2.71	103.3
1173	5/25/2010 19:46	13.56	47.98	31.25	8.87	8.07	6.7	2.80	103.5
1174	5/25/2010 20:01	13.36	48.14	31.36	8.91	8.25	6.7	2.90	103.6
1175	5/25/2010 20:16	13.17	48.26	31.44	8.99	8.08	8.9	3.00	104.2
1176	5/25/2010 20:31	12.98	48.32	31.48	9.15	7.88	10.8	3.09	105.6
1177	5/25/2010 20:46	12.85	48.38	31.52	9.24	8.28	9.6	3.20	106.4
1178	5/25/2010 21:01	12.74	48.43	31.55	9.31	7.89	11.4	3.30	107.0
1179	5/25/2010 21:16	12.57	48.51	31.60	9.48	8.11	8.5	3.40	108.5
1180	5/25/2010 21:31	12.47	48.28	31.43	9.56	8.11	6.9	3.48	109.2
1181	5/25/2010 21:46	12.44	48.59	31.65	9.53	7.91	6.0	3.55	108.9
1182	5/25/2010 22:01	12.42	47.80	31.08	9.51	8.10	4.6	3.63	108.2
1183	5/25/2010 22:16	12.39	48.63	31.68	9.47	7.91	3.5	3.68	108.1
1184	5/25/2010 22:31	12.37	48.25	31.40	9.41	8.30	2.9	3.72	107.2
1185	5/25/2010 22:46	12.37	48.32	31.45	9.24	8.10	1.8	3.74	105.3
1186	5/25/2010 23:01	12.55	48.54	31.62	9.19	8.19	3.9	3.73	105.2
1187	5/25/2010 23:16	12.62	48.08	31.29	9.17	8.08	3.7	3.71	104.9
1188	5/25/2010 23:31	12.55	48.50	31.59	9.25	8.09	3.8	3.64	105.8
1189	5/25/2010 23:46	12.69	48.42	31.54	9.13	8.03	4.7	3.57	104.7
1190	5/26/2010 0:01	12.54	48.50	31.59	9.24	8.29	4.8	3.48	105.8
1191	5/26/2010 0:16	12.80	48.33	31.48	9.01	8.09	4.6	3.38	103.6
1192	5/26/2010 0:31	13.00	48.14	31.35	8.90	7.87	12.1	3.26	102.7
1193	5/26/2010 0:46	12.93	48.21	31.40	8.97	8.27	6.0	3.13	103.4
1194	5/26/2010 1:01	12.99	47.39	30.80	8.94	8.06	6.1	3.02	102.8
1195	5/26/2010 1:16	13.17	47.70	31.04	8.76	8.05	5.4	2.90	101.2
1196	5/26/2010 1:31	13.24	47.88	31.17	8.70	8.24	5.3	2.75	100.7
1197	5/26/2010 1:46	13.29	47.84	31.14	8.65	8.06	6.5	2.64	100.2
1198	5/26/2010 2:01	13.56	47.57	30.95	8.54	8.05	7.5	2.50	99.4
1199	5/26/2010 2:16	13.47	47.62	30.99	8.51	8.23	6.7	2.37	99.0
1200	5/26/2010 2:31	13.68	46.96	30.52	8.51	8.03	8.8	2.21	99.0
1201	5/26/2010 2:46	13.73	46.68	30.31	8.47	8.03	7.8	2.07	98.5
1202	5/26/2010 3:01	13.72	46.89	30.47	8.40	8.02	8.6	1.91	97.8
1203	5/26/2010 3:16	13.70	47.09	30.62	8.34	8.02	8.5	1.78	97.2
1204	5/26/2010 3:31	13.83	47.10	30.62	8.24	8.12	8.8	1.64	96.3
1205	5/26/2010 3:46	13.99	46.93	30.51	8.16	8.03	9.0	1.48	95.6
1206	5/26/2010 4:01	14.22	46.58	30.26	8.08	8.11	9.6	1.32	94.9
1207	5/26/2010 4:16	14.29	46.65	30.31	8.03	8.00	8.5	1.20	94.6
1208	5/26/2010 4:31	14.34	46.61	30.29	7.96	8.18	8.4	1.07	93.8
1209	5/26/2010 4:46	14.42	46.26	30.03	7.92	8.18	8.6	0.95	93.3
1210	5/26/2010 5:01	14.46	46.53	30.23	7.86	7.99	8.4	0.88	92.8
1211	5/26/2010 5:16	14.43	46.47	30.19	7.74	7.80	12.1	0.84	91.3
1212	5/26/2010 5:31	14.41	46.51	30.21	7.88	7.94	9.0	0.83	92.9
1213	5/26/2010 5:46	14.36	45.86	29.74	7.91	7.99	7.1	0.87	92.9
1214	5/26/2010 6:01	14.34	46.52	30.22	7.91	8.09	7.2	0.95	93.1
1215	5/26/2010 6:16	14.34	46.53	30.22	7.93	7.94	7.3	1.03	93.4
1216	5/26/2010 6:31	14.24	46.04	29.87	7.91	8.17	7.9	1.11	92.7
1217	5/26/2010 6:46	14.21	45.37	29.38	7.90	8.15	8.1	1.19	92.4
1218	5/26/2010 7:01	14.33	45.42	29.42	7.95	8.16	8.1	1.28	93.1

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	
1219	5/26/2010 7:16	14.31	45.44	29.44	7.92	8.08	9.5	1.36	92.8
1220	5/26/2010 7:31	14.29	45.51	29.49	7.91	8.08	7.0	1.44	92.6
1221	5/26/2010 7:46	14.27	45.67	29.61	7.90	8.16	6.4	1.53	92.5
1222	5/26/2010 8:01	14.27	45.78	29.68	7.89	8.17	6.3	1.62	92.5
1223	5/26/2010 8:16	14.16	46.13	29.93	7.99	7.94	9.0	1.72	93.6
1224	5/26/2010 8:31	14.08	46.71	30.35	8.04	8.09	7.0	1.82	94.3
1225	5/26/2010 8:46	14.05	46.94	30.51	8.10	8.19	7.0	1.92	95.0
1226	5/26/2010 9:01	14.03	47.01	30.57	8.14	7.95	8.1	2.02	95.5
1227	5/26/2010 9:16	14.03	46.33	30.07	8.18	8.00	7.3	2.12	95.7
1228	5/26/2010 9:31	14.00	46.94	30.51	8.24	8.19	7.5	2.22	96.5
1229	5/26/2010 9:46	13.86	46.88	30.47	8.34	8.20	7.9	2.32	97.4
1230	5/26/2010 10:01	13.82	47.16	30.66	8.36	8.21	7.8	2.40	97.7
1231	5/26/2010 10:16	13.74	47.31	30.77	8.42	8.04	13.9	2.49	98.3
1232	5/26/2010 10:31	13.62	46.99	30.54	8.52	8.22	11.0	2.57	99.1
1233	5/26/2010 10:46	13.49	46.65	30.29	8.64	8.03	9.8	2.66	100.0
1234	5/26/2010 11:01	13.29	47.35	30.78	8.69	8.23	9.8	2.73	100.5
1235	5/26/2010 11:16	13.15	47.85	31.15	8.79	8.05	8.2	2.80	101.6
1236	5/26/2010 11:31	13.10	47.83	31.13	8.84	8.05	7.8	2.88	102.0
1237	5/26/2010 11:46	13.07	48.01	31.26	8.87	8.16	6.6	2.94	102.5
1238	5/26/2010 12:01	13.03	47.30	30.74	8.92	8.06	5.4	2.98	102.6
1239	5/26/2010 12:16	13.01	48.06	31.29	8.88	8.01	3.8	3.01	102.4
1240	5/26/2010 12:31	13.02	47.38	30.80	8.74	8.05	3.7	3.03	100.6
1241	5/26/2010 12:46	13.10	47.98	31.24	8.64	7.85	4.6	3.05	99.8
1242	5/26/2010 13:01	13.00	47.37	30.79	8.79	8.05	3.8	3.01	101.0
1243	5/26/2010 13:16	12.99	47.17	30.65	8.82	8.05	5.1	2.97	101.3
1244	5/26/2010 13:31	13.05	47.13	30.62	8.77	8.05	5.6	2.91	100.9
1245	5/26/2010 13:46	13.77	47.48	30.89	8.84	8.05	5.4	2.84	103.3
1246	5/26/2010 14:01	13.71	46.87	30.46	8.84	8.05	6.8	2.77	102.9
1247	5/26/2010 14:16	13.92	47.11	30.63	8.83	8.05	6.1	2.68	103.3
1248	5/26/2010 14:31	14.24	47.17	30.69	8.86	8.05	5.5	2.59	104.5
1249	5/26/2010 14:46	14.40	47.27	30.76	8.86	8.24	5.7	2.52	104.8
1250	5/26/2010 15:01	14.28	47.17	30.69	8.87	8.00	5.6	2.44	104.6
1251	5/26/2010 15:16	14.47	47.05	30.60	8.82	8.15	5.6	2.38	104.5
1252	5/26/2010 15:31	14.62	46.57	30.26	8.83	8.04	5.2	2.31	104.6
1253	5/26/2010 15:46	14.89	46.19	29.99	8.92	8.08	5.2	2.25	106.1
1254	5/26/2010 16:01	14.87	45.95	29.82	8.87	8.08	5.2	2.21	105.4
1255	5/26/2010 16:16	14.91	46.62	30.31	8.85	8.24	5.2	2.15	105.5
1256	5/26/2010 16:31	14.93	46.62	30.30	8.79	8.23	5.2	2.12	104.8
1257	5/26/2010 16:46	14.99	46.39	30.14	8.81	8.23	4.8	2.09	105.0
1258	5/26/2010 17:01	15.02	45.66	29.61	8.78	8.04	4.9	2.07	104.5
1259	5/26/2010 17:16	15.11	46.51	30.23	8.68	8.23	9.2	2.06	103.9
1260	5/26/2010 17:31	15.06	46.54	30.25	8.93	7.88	7.6	2.07	106.7
1261	5/26/2010 17:46	14.97	46.60	30.29	8.94	7.88	6.0	2.09	106.7
1262	5/26/2010 18:01	14.96	46.65	30.33	8.97	8.00	6.6	2.12	107.0
1263	5/26/2010 18:16	14.87	45.85	29.75	8.94	8.05	5.9	2.17	106.1
1264	5/26/2010 18:31	14.79	46.61	30.30	8.86	8.04	5.6	2.22	105.4
1265	5/26/2010 18:46	14.69	46.62	30.30	8.75	8.03	6.0	2.29	103.9
1266	5/26/2010 19:01	14.63	47.17	30.69	8.89	8.15	7.1	2.37	105.7
1267	5/26/2010 19:16	14.52	46.43	30.16	8.96	8.05	7.1	2.44	105.8
1268	5/26/2010 19:31	14.42	46.92	30.51	8.89	8.04	6.5	2.52	105.0
1269	5/26/2010 19:46	14.17	47.35	30.82	8.85	8.05	6.0	2.60	104.3
1270	5/26/2010 20:01	14.04	47.51	30.92	8.82	7.86	6.5	2.69	103.7
1271	5/26/2010 20:16	13.91	47.42	30.85	8.88	7.87	8.2	2.77	104.1

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	
1272	5/26/2010 20:31	13.67	47.56	30.95	8.92	8.01	8.4	2.86	104.1
1273	5/26/2010 20:46	13.40	47.31	30.77	8.99	8.05	8.9	2.97	104.2
1274	5/26/2010 21:01	13.20	47.26	30.72	9.01	8.06	9.0	3.07	104.0
1275	5/26/2010 21:16	13.02	47.64	30.99	9.14	8.27	11.5	3.16	105.2
1276	5/26/2010 21:31	12.87	47.91	31.18	9.23	8.27	9.6	3.26	106.1
1277	5/26/2010 21:46	12.80	47.89	31.16	9.28	8.09	9.5	3.35	106.5
1278	5/26/2010 22:01	12.74	48.08	31.29	9.32	8.10	6.8	3.44	107.0
1279	5/26/2010 22:16	12.67	48.55	31.64	9.32	8.09	4.8	3.52	107.0
1280	5/26/2010 22:31	12.63	48.74	31.77	9.31	8.09	4.5	3.59	106.9
1281	5/26/2010 22:46	12.63	48.37	31.50	9.25	8.09	3.5	3.64	106.0
1282	5/26/2010 23:01	12.59	48.82	31.83	9.27	8.09	3.3	3.69	106.4
1283	5/26/2010 23:16	12.58	48.31	31.46	9.25	8.28	2.9	3.73	105.8
1284	5/26/2010 23:31	12.84	48.44	31.56	8.89	8.02	4.0	3.74	102.4
1285	5/26/2010 23:46	12.66	48.73	31.77	8.97	8.27	2.9	3.73	103.0
1286	5/27/2010 0:01	12.67	48.71	31.75	9.01	8.08	3.2	3.70	103.5
1287	5/27/2010 0:16	12.65	48.74	31.77	9.00	8.08	3.0	3.66	103.4
1288	5/27/2010 0:31	12.75	48.52	31.61	9.01	8.08	5.2	3.57	103.6
1289	5/27/2010 0:46	12.97	48.28	31.45	8.92	7.86	5.9	3.49	103.0
1290	5/27/2010 1:01	13.01	48.27	31.44	8.89	8.01	4.1	3.38	102.6
1291	5/27/2010 1:16	13.16	47.83	31.13	8.85	7.86	6.7	3.26	102.3
1292	5/27/2010 1:31	13.08	47.28	30.73	8.90	8.06	7.0	3.14	102.5
1293	5/27/2010 1:46	13.15	47.64	30.99	8.79	8.05	6.2	3.01	101.6
1294	5/27/2010 2:01	13.46	47.69	31.04	8.67	8.04	7.6	2.88	100.8
1295	5/27/2010 2:16	13.55	47.62	30.99	8.66	8.04	6.5	2.75	100.9
1296	5/27/2010 2:31	13.57	47.49	30.90	8.62	8.04	6.4	2.61	100.3
1297	5/27/2010 2:46	13.57	46.84	30.43	8.60	8.03	9.9	2.47	99.8
1298	5/27/2010 3:01	13.63	47.41	30.84	8.53	8.03	7.7	2.33	99.4
1299	5/27/2010 3:16	13.72	47.07	30.60	8.48	8.22	8.7	2.19	98.9
1300	5/27/2010 3:31	13.55	47.51	30.91	8.45	7.97	7.3	2.04	98.4
1301	5/27/2010 3:46	13.73	47.30	30.76	8.35	8.12	7.4	1.89	97.5
1302	5/27/2010 4:01	13.91	47.06	30.60	8.28	8.20	9.7	1.72	96.9
1303	5/27/2010 4:16	13.90	46.98	30.54	8.21	8.20	9.6	1.59	96.0
1304	5/27/2010 4:31	14.11	46.13	29.93	8.14	8.19	9.8	1.41	95.2
1305	5/27/2010 4:46	14.26	46.35	30.10	8.05	7.99	10.4	1.26	94.6
1306	5/27/2010 5:01	14.41	46.37	30.11	8.00	8.18	9.5	1.12	94.2
1307	5/27/2010 5:16	14.47	46.31	30.07	7.93	7.93	9.9	0.99	93.5
1308	5/27/2010 5:31	14.51	46.26	30.03	7.83	8.16	9.5	0.88	92.5
1309	5/27/2010 5:46	14.51	45.90	29.77	7.80	7.97	9.6	0.79	91.9
1310	5/27/2010 6:01	14.53	46.23	30.01	7.66	7.91	12.8	0.74	90.5
1311	5/27/2010 6:16	14.52	46.18	29.97	7.79	8.16	9.8	0.74	92.0
1312	5/27/2010 6:31	14.47	45.83	29.72	7.84	8.16	8.4	0.79	92.3
1313	5/27/2010 6:46	14.48	45.82	29.71	7.87	8.16	7.5	0.86	92.7
1314	5/27/2010 7:01	14.53	46.16	29.96	7.89	8.08	7.5	0.95	93.1
1315	5/27/2010 7:16	14.46	44.89	29.04	7.97	8.16	7.3	1.04	93.4
1316	5/27/2010 7:31	14.49	44.98	29.11	7.94	7.92	7.7	1.12	93.2
1317	5/27/2010 7:46	14.50	45.20	29.27	7.92	8.07	7.7	1.20	93.1
1318	5/27/2010 8:01	14.46	44.74	28.94	7.94	7.97	7.4	1.28	93.0
1319	5/27/2010 8:16	14.43	45.15	29.23	7.89	7.96	7.2	1.36	92.5
1320	5/27/2010 8:31	14.41	45.31	29.35	7.90	8.15	6.8	1.45	92.7
1321	5/27/2010 8:46	14.39	45.69	29.62	7.85	8.15	6.8	1.55	92.2
1322	5/27/2010 9:01	14.30	45.33	29.36	7.95	7.98	6.8	1.65	93.1
1323	5/27/2010 9:16	14.25	45.87	29.75	7.99	7.80	7.0	1.75	93.7
1324	5/27/2010 9:31	14.24	45.94	29.80	8.03	7.93	7.0	1.86	94.2

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	
1325	5/27/2010 9:46	14.22	46.41	30.14	8.03	8.17	7.4	1.97	94.3
1326	5/27/2010 10:01	14.25	46.57	30.25	8.08	8.09	7.5	2.08	94.9
1327	5/27/2010 10:16	14.20	46.49	30.19	8.12	8.17	7.7	2.18	95.3
1328	5/27/2010 10:31	14.10	46.21	29.99	8.20	8.00	7.6	2.28	96.0
1329	5/27/2010 10:46	14.01	46.90	30.48	8.24	7.95	9.6	2.38	96.6
1330	5/27/2010 11:01	13.89	46.87	30.46	8.33	8.19	13.0	2.47	97.4
1331	5/27/2010 11:16	13.75	46.65	30.30	8.45	8.02	13.3	2.56	98.4
1332	5/27/2010 11:31	13.70	47.10	30.62	8.48	8.21	11.9	2.65	98.9
1333	5/27/2010 11:46	13.30	47.68	31.02	8.63	7.98	13.8	2.73	100.0
1334	5/27/2010 12:01	13.15	47.71	31.04	8.72	8.23	11.5	2.81	100.8
1335	5/27/2010 12:16	13.10	47.80	31.11	8.73	7.84	11.8	2.89	100.8
1336	5/27/2010 12:31	13.07	48.03	31.27	8.72	8.23	11.0	2.96	100.8
1337	5/27/2010 12:46	13.04	48.07	31.30	8.73	8.06	8.7	3.01	100.8
1338	5/27/2010 13:01	13.04	47.89	31.17	8.75	8.04	9.3	3.05	100.9
	Mean	13.36	48.03	31.27	8.66	8.08	5.4	2.31	100.7
	Minimum	10.01	44.74	28.94	7.13	7.73	1.3	0.67	78.3
	Maximum	16.02	50.86	33.16	10.64	8.39	19.8	3.74	123.2

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	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
0	5/27/2010 13:16	12.93	48.32	31.48	8.67	7.92		3.22	100.0
1	5/27/2010 13:31	13.07	48.40	31.54	8.30	8.03	5.2	3.23	96.1
2	5/27/2010 13:46	12.94	48.40	31.53	8.44	8.02	5.1	3.22	97.4
3	5/27/2010 14:01	12.96	48.35	31.50	8.44	8.02	6.2	3.19	97.4
4	5/27/2010 14:16	13.07	48.26	31.44	8.40	8.04	6.3	3.14	97.1
5	5/27/2010 14:31	13.71	47.88	31.18	8.53	8.04	6.0	3.07	99.8
6	5/27/2010 14:46	13.69	47.68	31.04	8.46	7.97	8.1	2.98	98.8
7	5/27/2010 15:01	13.82	47.40	30.84	8.48	7.97	8.5	2.89	99.2
8	5/27/2010 15:16	13.82	47.51	30.92	8.44	7.96	6.0	2.82	98.8
9	5/27/2010 15:31	13.97	47.16	30.67	8.40	7.96	5.6	2.75	98.4
10	5/27/2010 15:46	14.06	46.97	30.54	8.41	7.96	6.5	2.68	98.7
11	5/27/2010 16:01	14.14	46.87	30.46	8.38	7.95	5.2	2.61	98.5
12	5/27/2010 16:16	14.21	46.67	30.32	8.40	7.95	5.0	2.54	98.7
13	5/27/2010 16:31	14.27	46.50	30.20	8.38	7.95	4.4	2.49	98.5
14	5/27/2010 16:46	14.37	46.34	30.09	8.41	7.95	4.5	2.43	99.1
15	5/27/2010 17:01	14.42	46.11	29.92	8.42	7.95	4.4	2.37	99.1
16	5/27/2010 17:16	14.42	46.11	29.93	8.39	7.95	4.5	2.35	98.8
17	5/27/2010 17:31	14.49	45.95	29.81	8.29	7.94	4.5	2.31	97.7
18	5/27/2010 17:46	14.49	45.94	29.81	8.32	7.94	4.0	2.28	98.0
19	5/27/2010 18:01	14.34	46.30	30.06	7.98	7.92	3.6	2.27	93.8
20	5/27/2010 18:16	14.32	46.30	30.06	8.19	7.93	3.5	2.29	96.3
21	5/27/2010 18:31	14.48	45.53	29.51	8.50	8.09	4.0	2.31	99.9
22	5/27/2010 18:46	14.42	45.90	29.77	8.39	7.94	4.2	2.32	98.7
23	5/27/2010 19:01	14.30	46.34	30.08	8.30	7.93	4.8	2.39	97.6
24	5/27/2010 19:16	14.39	45.84	29.73	8.41	7.94	5.4	2.45	98.8
25	5/27/2010 19:31	14.26	46.32	30.07	8.25	7.93	4.6	2.51	96.9
26	5/27/2010 19:46	14.16	46.60	30.27	8.25	7.93	5.3	2.59	96.9
27	5/27/2010 20:01	14.00	46.76	30.38	8.31	7.94	6.8	2.67	97.3
28	5/27/2010 20:16	13.88	47.08	30.61	8.32	7.94	5.4	2.75	97.3
29	5/27/2010 20:31	13.73	47.33	30.79	8.33	7.94	5.2	2.82	97.2
30	5/27/2010 20:46	13.57	47.55	30.94	8.38	7.95	5.2	2.92	97.6
31	5/27/2010 21:01	13.50	47.39	30.82	8.42	7.95	5.4	3.00	97.8
32	5/27/2010 21:16	13.43	47.72	31.06	8.42	7.95	6.4	3.09	97.9
33	5/27/2010 21:31	13.28	47.75	31.08	8.49	7.95	6.2	3.18	98.4
34	5/27/2010 21:46	13.01	47.74	31.06	8.65	7.97	7.6	3.28	99.6
35	5/27/2010 22:01	12.79	47.82	31.11	8.81	8.08	9.0	3.37	101.1
36	5/27/2010 22:16	12.66	48.25	31.41	8.86	7.98	7.6	3.46	101.6
37	5/27/2010 22:31	12.57	48.36	31.49	8.88	7.98	6.3	3.55	101.6
38	5/27/2010 22:46	12.49	48.52	31.61	8.93	7.99	4.3	3.63	102.2
39	5/27/2010 23:01	12.44	48.48	31.57	8.96	7.99	3.8	3.71	102.3
40	5/27/2010 23:16	12.37	48.59	31.65	9.00	7.99	3.5	3.78	102.7
41	5/27/2010 23:31	12.34	48.68	31.71	9.00	8.09	3.2	3.84	102.6
42	5/27/2010 23:46	12.31	48.66	31.70	8.99	7.99	2.3	3.87	102.4
43	5/28/2010 0:01	12.31	48.73	31.74	8.94	7.99	2.3	3.90	101.9
44	5/28/2010 0:16	12.46	48.62	31.67	8.73	8.07	2.7	3.91	99.8
45	5/28/2010 0:31	12.35	48.74	31.76	8.79	7.98	3.2	3.88	100.3
46	5/28/2010 0:46	12.37	48.45	31.54	8.81	7.98	3.6	3.86	100.5
47	5/28/2010 1:01	12.60	48.19	31.37	8.74	7.97	4.7	3.79	100.0
48	5/28/2010 1:16	12.70	48.08	31.29	8.66	7.96	4.7	3.70	99.3
49	5/28/2010 1:31	12.91	47.56	30.93	8.51	7.95	3.7	3.61	97.7
50	5/28/2010 1:46	13.01	47.54	30.91	8.40	7.94	5.4	3.50	96.7
51	5/28/2010 2:01	13.14	47.54	30.92	8.34	7.93	6.3	3.38	96.3
52	5/28/2010 2:16	13.19	47.29	30.74	8.29	7.93	5.7	3.26	95.7

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	
53	5/28/2010 2:31	13.44	46.92	30.48	8.14	7.91	6.3	3.13	94.2
54	5/28/2010 2:46	13.56	46.57	30.23	8.05	7.90	6.3	3.01	93.4
55	5/28/2010 3:01	13.57	46.61	30.26	8.07	7.90	7.4	2.87	93.5
56	5/28/2010 3:16	13.46	46.86	30.44	8.08	7.91	6.7	2.73	93.6
57	5/28/2010 3:31	13.67	46.61	30.27	8.00	7.90	7.9	2.59	93.0
58	5/28/2010 3:46	13.38	47.09	30.61	8.05	7.90	6.0	2.45	93.2
59	5/28/2010 4:01	13.57	46.71	30.33	7.97	7.90	7.6	2.30	92.5
60	5/28/2010 4:16	13.59	46.56	30.22	7.92	7.89	7.6	2.15	91.8
61	5/28/2010 4:31	13.73	46.24	30.00	7.86	7.88	8.5	2.00	91.3
62	5/28/2010 4:46	13.71	46.49	30.18	7.78	7.88	9.5	1.85	90.5
63	5/28/2010 5:01	13.78	46.22	29.99	7.72	7.87	9.7	1.68	89.7
64	5/28/2010 5:16	13.88	46.02	29.84	7.65	7.86	10.3	1.53	89.1
65	5/28/2010 5:31	14.08	45.84	29.72	7.58	7.85	9.6	1.37	88.5
66	5/28/2010 5:46	14.12	45.64	29.58	7.53	7.85	9.5	1.23	87.9
67	5/28/2010 6:01	14.16	45.76	29.66	7.46	7.85	9.9	1.11	87.3
68	5/28/2010 6:16	14.18	45.60	29.55	7.44	7.93	9.8	0.99	86.9
69	5/28/2010 6:31	14.21	45.56	29.52	7.37	7.83	8.1	0.92	86.2
70	5/28/2010 6:46	14.16	45.39	29.40	7.31	7.83	10.0	0.89	85.3
71	5/28/2010 7:01	14.21	45.49	29.48	7.39	7.84	7.9	0.90	86.4
72	5/28/2010 7:16	14.18	45.30	29.33	7.47	7.84	6.9	0.97	87.2
73	5/28/2010 7:31	14.15	45.42	29.42	7.48	7.84	7.0	1.05	87.3
74	5/28/2010 7:46	14.17	45.56	29.52	7.51	7.84	7.1	1.13	87.8
75	5/28/2010 8:01	14.14	44.99	29.11	7.50	7.84	7.3	1.21	87.4
76	5/28/2010 8:16	14.15	45.37	29.38	7.47	7.84	6.6	1.30	87.2
77	5/28/2010 8:31	14.13	45.01	29.13	7.48	7.84	7.0	1.38	87.1
78	5/28/2010 8:46	14.11	44.99	29.11	7.49	7.84	6.4	1.45	87.1
79	5/28/2010 9:01	14.09	44.96	29.09	7.49	7.83	6.7	1.55	87.2
80	5/28/2010 9:16	14.07	44.87	29.03	7.49	7.83	6.3	1.63	87.0
81	5/28/2010 9:31	14.06	44.96	29.09	7.46	7.83	6.1	1.73	86.8
82	5/28/2010 9:46	14.00	44.89	29.04	7.54	7.93	6.3	1.82	87.5
83	5/28/2010 10:01	13.98	44.74	28.93	7.63	7.85	6.8	1.93	88.5
84	5/28/2010 10:16	13.92	44.95	29.07	7.69	7.86	6.6	2.05	89.2
85	5/28/2010 10:31	13.92	45.52	29.49	7.70	7.86	6.9	2.16	89.5
86	5/28/2010 10:46	13.95	45.82	29.71	7.71	7.86	7.3	2.27	89.9
87	5/28/2010 11:01	14.02	45.33	29.35	7.78	7.87	7.4	2.37	90.6
88	5/28/2010 11:16	13.92	45.93	29.78	7.81	7.87	7.5	2.49	90.9
89	5/28/2010 11:31	13.93	45.96	29.81	7.88	7.88	6.9	2.58	91.8
90	5/28/2010 11:46	13.84	45.98	29.82	7.92	7.89	8.9	2.67	92.1
91	5/28/2010 12:01	13.72	46.44	30.14	8.07	7.90	12.0	2.76	93.8
92	5/28/2010 12:16	13.61	46.46	30.16	8.13	7.90	12.6	2.84	94.3
93	5/28/2010 12:31	13.46	46.81	30.40	8.21	7.91	12.9	2.92	95.1
94	5/28/2010 12:46	13.24	47.12	30.62	8.47	7.93	11.5	2.99	97.7
95	5/28/2010 13:01	13.16	47.40	30.82	8.54	7.93	8.4	3.07	98.5
96	5/28/2010 13:16	13.14	47.61	30.97	8.55	7.93	7.8	3.13	98.7
97	5/28/2010 13:31	13.16	47.54	30.92	8.57	7.93	6.7	3.18	98.9
98	5/28/2010 13:46	13.13	47.44	30.85	8.60	7.93	4.5	3.22	99.2
99	5/28/2010 14:01	13.12	47.53	30.91	8.55	7.93	3.4	3.26	98.7
100	5/28/2010 14:16	13.24	47.45	30.86	8.45	7.93	4.5	3.26	97.6
101	5/28/2010 14:31	13.14	47.60	30.96	8.48	7.93	4.3	3.25	97.9
102	5/28/2010 14:46	13.17	47.66	31.01	8.45	7.92	5.2	3.21	97.7
103	5/28/2010 15:01	14.02	46.98	30.54	8.60	7.93	10.1	3.16	100.8
104	5/28/2010 15:16	14.19	47.20	30.71	8.61	7.93	9.8	3.09	101.4
105	5/28/2010 15:31	14.34	46.66	30.32	8.66	7.93	11.7	3.01	102.1

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	
106	5/28/2010 15:46	14.52	46.97	30.55	8.70	7.93	13.7	2.93	103.0
107	5/28/2010 16:01	14.58	47.17	30.69	8.73	8.02	10.7	2.85	103.6
108	5/28/2010 16:16	14.81	46.67	30.34	8.76	7.94	12.7	2.77	104.2
109	5/28/2010 16:31	15.07	46.48	30.21	8.79	7.95	11.1	2.70	105.0
110	5/28/2010 16:46	15.14	46.19	30.00	8.82	7.94	10.7	2.62	105.4
111	5/28/2010 17:01	15.27	46.19	30.00	8.80	7.94	11.5	2.55	105.5
112	5/28/2010 17:16	15.39	45.85	29.75	8.81	7.94	10.7	2.50	105.6
113	5/28/2010 17:31	15.40	45.37	29.41	8.81	8.01	10.1	2.44	105.5
114	5/28/2010 17:46	15.61	45.37	29.42	8.79	7.94	9.9	2.40	105.7
115	5/28/2010 18:01	15.54	45.20	29.29	8.76	7.93	9.3	2.36	105.1
116	5/28/2010 18:16	15.58	45.16	29.26	8.71	7.93	9.9	2.32	104.6
117	5/28/2010 18:31	15.58	45.43	29.46	8.63	8.01	6.8	2.30	103.7
118	5/28/2010 18:46	15.54	45.21	29.29	8.29	7.92	5.4	2.29	99.5
119	5/28/2010 19:01	15.57	45.13	29.24	8.69	7.93	7.1	2.30	104.3
120	5/28/2010 19:16	15.52	45.12	29.23	8.75	7.93	6.6	2.32	104.8
121	5/28/2010 19:31	15.55	45.22	29.30	8.77	8.01	6.2	2.36	105.2
122	5/28/2010 19:46	15.43	45.17	29.27	8.65	7.92	7.0	2.41	103.6
123	5/28/2010 20:01	15.32	45.23	29.31	8.55	7.91	7.2	2.46	102.1
124	5/28/2010 20:16	15.60	44.98	29.14	8.70	7.92	7.3	2.53	104.4
125	5/28/2010 20:31	15.31	45.29	29.35	8.61	7.91	5.6	2.61	102.9
126	5/28/2010 20:46	15.36	45.21	29.30	8.52	7.91	7.3	2.69	101.8
127	5/28/2010 21:01	15.07	45.72	29.66	8.52	7.91	6.0	2.76	101.4
128	5/28/2010 21:16	14.81	45.87	29.76	8.53	7.91	5.9	2.84	101.2
129	5/28/2010 21:31	14.52	46.51	30.22	8.48	8.00	6.2	2.92	100.3
130	5/28/2010 21:46	14.17	46.84	30.45	8.58	8.01	7.5	3.00	100.8
131	5/28/2010 22:01	14.04	46.90	30.49	8.60	8.02	7.0	3.09	100.8
132	5/28/2010 22:16	13.88	47.14	30.65	8.65	7.93	6.8	3.17	101.1
133	5/28/2010 22:31	13.78	47.13	30.64	8.69	7.93	7.0	3.26	101.5
134	5/28/2010 22:46	13.67	47.19	30.68	8.74	7.93	7.1	3.35	101.9
135	5/28/2010 23:01	13.35	47.18	30.66	8.87	7.94	8.7	3.44	102.7
136	5/28/2010 23:16	13.22	47.39	30.81	8.93	7.95	8.5	3.52	103.1
137	5/28/2010 23:31	13.14	47.57	30.94	8.94	7.95	6.2	3.59	103.2
138	5/28/2010 23:46	13.08	47.62	30.97	8.98	7.95	4.7	3.67	103.5
139	5/29/2010 0:01	13.06	47.73	31.05	8.96	7.95	3.9	3.73	103.3
140	5/29/2010 0:16	13.01	47.79	31.10	8.98	7.95	3.5	3.78	103.5
141	5/29/2010 0:31	12.98	47.90	31.17	8.93	7.95	2.7	3.82	102.9
142	5/29/2010 0:46	13.12	47.51	30.90	8.73	8.04	3.4	3.83	100.7
143	5/29/2010 1:01	13.08	47.66	31.01	8.71	7.94	3.4	3.83	100.5
144	5/29/2010 1:16	13.02	47.86	31.15	8.78	7.94	3.7	3.80	101.2
145	5/29/2010 1:31	13.21	47.69	31.03	8.76	8.03	5.9	3.75	101.3
146	5/29/2010 1:46	13.16	47.44	30.85	8.80	7.94	4.9	3.68	101.6
147	5/29/2010 2:01	13.27	47.35	30.79	8.70	7.93	6.0	3.59	100.6
148	5/29/2010 2:16	13.62	47.09	30.61	8.54	8.01	6.3	3.50	99.4
149	5/29/2010 2:31	13.74	47.00	30.55	8.43	8.00	5.9	3.39	98.3
150	5/29/2010 2:46	13.83	46.75	30.37	8.39	7.99	7.1	3.27	97.9
151	5/29/2010 3:01	13.76	46.90	30.47	8.39	7.99	6.9	3.16	97.8
152	5/29/2010 3:16	14.06	46.28	30.04	8.33	7.89	7.9	3.03	97.5
153	5/29/2010 3:31	14.02	46.41	30.13	8.33	7.89	7.0	2.91	97.4
154	5/29/2010 3:46	13.94	46.52	30.21	8.30	7.89	7.3	2.78	96.9
155	5/29/2010 4:01	14.18	46.32	30.07	8.12	7.88	6.9	2.65	95.3
156	5/29/2010 4:16	14.17	46.29	30.05	8.15	7.87	8.5	2.52	95.5
157	5/29/2010 4:31	14.43	45.89	29.76	8.07	7.87	9.8	2.36	94.9
158	5/29/2010 4:46	14.36	45.71	29.63	8.05	7.86	9.3	2.23	94.5

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	
159	5/29/2010 5:01	14.45	45.71	29.64	7.99	7.86	9.9	2.07	93.9
160	5/29/2010 5:16	14.47	45.68	29.61	7.91	7.85	11.2	1.91	93.0
161	5/29/2010 5:31	14.53	45.63	29.58	7.81	7.84	10.9	1.77	92.0
162	5/29/2010 5:46	14.69	45.35	29.38	7.74	7.93	11.8	1.60	91.4
163	5/29/2010 6:01	14.88	45.07	29.19	7.70	7.92	11.8	1.43	91.1
164	5/29/2010 6:16	14.97	44.99	29.13	7.65	7.82	12.5	1.29	90.6
165	5/29/2010 6:31	15.03	45.10	29.21	7.57	7.82	12.6	1.17	89.9
166	5/29/2010 6:46	15.11	44.91	29.08	7.53	7.81	13.9	1.04	89.5
167	5/29/2010 7:01	15.17	44.82	29.01	7.39	7.89	16.2	0.95	87.9
168	5/29/2010 7:16	15.21	44.74	28.95	7.30	7.80	12.8	0.92	86.8
169	5/29/2010 7:31	15.15	44.93	29.09	7.46	7.80	12.9	0.92	88.7
170	5/29/2010 7:46	15.17	44.84	29.03	7.49	7.81	9.8	0.97	89.1
171	5/29/2010 8:01	15.16	44.79	28.99	7.56	7.81	8.5	1.04	89.8
172	5/29/2010 8:16	15.12	44.87	29.04	7.52	7.81	9.1	1.11	89.4
173	5/29/2010 8:31	15.11	44.31	28.64	7.63	7.91	8.5	1.19	90.4
174	5/29/2010 8:46	15.10	44.60	28.85	7.56	7.91	8.7	1.25	89.6
175	5/29/2010 9:01	15.09	44.20	28.56	7.58	7.81	9.7	1.30	89.7
176	5/29/2010 9:16	15.07	44.60	28.85	7.57	7.81	8.2	1.38	89.7
177	5/29/2010 9:31	15.03	44.56	28.82	7.54	7.90	8.1	1.46	89.2
178	5/29/2010 9:46	14.97	44.45	28.74	7.55	7.81	8.5	1.53	89.3
179	5/29/2010 10:01	14.94	44.60	28.85	7.56	7.81	7.6	1.61	89.3
180	5/29/2010 10:16	14.95	44.10	28.49	7.59	7.81	7.4	1.72	89.5
181	5/29/2010 10:31	14.89	44.36	28.68	7.65	7.82	7.8	1.82	90.3
182	5/29/2010 10:46	14.77	44.39	28.69	7.78	7.84	7.7	1.92	91.5
183	5/29/2010 11:01	14.73	44.79	28.98	7.84	7.85	7.0	2.02	92.4
184	5/29/2010 11:16	14.73	45.06	29.17	7.84	7.94	7.3	2.15	92.4
185	5/29/2010 11:31	14.75	45.17	29.25	7.89	7.85	8.0	2.25	93.1
186	5/29/2010 11:46	14.96	44.75	28.96	8.04	7.86	6.8	2.35	95.1
187	5/29/2010 12:01	14.78	45.32	29.37	8.08	7.93	6.2	2.46	95.6
188	5/29/2010 12:16	14.58	45.97	29.83	8.02	7.93	8.4	2.56	94.6
189	5/29/2010 12:31	14.56	45.68	29.62	8.12	7.94	9.0	2.64	95.7
190	5/29/2010 12:46	14.49	46.01	29.85	8.18	7.95	10.3	2.72	96.5
191	5/29/2010 13:01	14.32	46.16	29.96	8.25	7.95	10.5	2.81	97.0
192	5/29/2010 13:16	14.25	46.18	29.97	8.29	7.96	11.9	2.86	97.3
193	5/29/2010 13:31	13.99	46.44	30.15	8.53	7.97	9.9	2.94	99.7
194	5/29/2010 13:46	13.87	46.89	30.47	8.60	7.92	8.4	3.00	100.4
195	5/29/2010 14:01	13.78	47.18	30.68	8.65	8.02	6.9	3.05	101.0
196	5/29/2010 14:16	13.75	47.37	30.82	8.63	8.02	5.9	3.10	100.8
197	5/29/2010 14:31	13.73	47.29	30.76	8.63	8.02	4.9	3.13	100.8
198	5/29/2010 14:46	13.71	47.37	30.81	8.62	7.92	4.0	3.16	100.6
199	5/29/2010 15:01	13.70	47.41	30.84	8.50	8.01	3.1	3.17	99.2
200	5/29/2010 15:16	13.66	47.46	30.88	8.50	8.01	3.6	3.16	99.1
201	5/29/2010 15:31	13.71	47.36	30.81	8.53	8.01	6.2	3.12	99.5
202	5/29/2010 15:46	14.25	46.97	30.54	8.61	8.01	6.5	3.08	101.5
203	5/29/2010 16:01	14.49	46.97	30.55	8.58	8.01	7.4	3.02	101.6
204	5/29/2010 16:16	14.67	46.54	30.24	8.68	7.92	11.3	2.93	102.9
205	5/29/2010 16:31	14.87	46.67	30.34	8.78	7.93	12.7	2.87	104.6
206	5/29/2010 16:46	15.01	46.80	30.44	8.80	7.93	11.4	2.79	105.2
207	5/29/2010 17:01	15.32	46.62	30.31	8.83	8.02	12.7	2.71	106.1
208	5/29/2010 17:16	15.55	46.18	30.00	8.81	8.02	12.8	2.64	106.2
209	5/29/2010 17:31	15.64	45.96	29.84	8.84	8.02	13.7	2.56	106.7
210	5/29/2010 17:46	15.74	45.87	29.78	8.83	8.02	14.4	2.51	106.7
211	5/29/2010 18:01	15.83	45.35	29.41	8.81	8.01	13.3	2.45	106.4

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	
212	5/29/2010 18:16	15.96	45.19	29.29	8.73	7.91	13.3	2.39	105.6
213	5/29/2010 18:31	16.01	45.27	29.35	8.73	7.92	11.5	2.35	105.7
214	5/29/2010 18:46	16.02	45.05	29.19	8.67	7.91	13.4	2.31	105.0
215	5/29/2010 19:01	16.05	44.98	29.14	8.62	7.91	13.1	2.29	104.4
216	5/29/2010 19:16	16.07	45.00	29.15	8.55	7.90	10.4	2.27	103.5
217	5/29/2010 19:31	16.07	45.04	29.18	8.55	8.00	8.6	2.27	103.6
218	5/29/2010 19:46	16.01	45.12	29.24	8.67	8.00	8.6	2.28	104.9
219	5/29/2010 20:01	16.13	44.77	28.99	8.68	7.91	7.9	2.32	105.1
220	5/29/2010 20:16	16.02	44.96	29.13	8.64	7.99	7.6	2.35	104.6
221	5/29/2010 20:31	15.84	45.12	29.24	8.56	7.99	6.8	2.40	103.2
222	5/29/2010 20:46	15.79	45.26	29.34	8.52	7.99	7.8	2.46	102.8
223	5/29/2010 21:01	16.03	44.99	29.14	8.63	7.99	8.4	2.52	104.4
224	5/29/2010 21:16	15.79	45.28	29.35	8.56	7.90	6.0	2.60	103.3
225	5/29/2010 21:31	15.68	45.39	29.43	8.57	7.99	8.0	2.67	103.2
226	5/29/2010 21:46	15.46	45.82	29.74	8.49	7.99	6.1	2.73	102.0
227	5/29/2010 22:01	15.32	45.82	29.73	8.57	7.99	6.3	2.81	102.6
228	5/29/2010 22:16	15.02	46.14	29.96	8.59	8.00	6.3	2.88	102.4
229	5/29/2010 22:31	14.75	46.25	30.03	8.65	8.00	6.0	2.95	102.6
230	5/29/2010 22:46	14.44	46.76	30.40	8.60	7.98	4.0	3.03	101.6
231	5/29/2010 23:01	14.01	47.17	30.68	8.60	7.95	5.4	3.11	100.9
232	5/29/2010 23:16	13.82	47.48	30.90	8.64	7.97	5.6	3.18	101.1
233	5/29/2010 23:31	13.81	47.47	30.89	8.66	7.97	6.8	3.26	101.3
234	5/29/2010 23:46	13.70	47.41	30.84	8.72	7.96	6.5	3.35	101.8
235	5/30/2010 0:01	13.52	47.63	31.00	8.79	7.98	5.7	3.42	102.3
236	5/30/2010 0:16	13.36	47.83	31.14	8.84	7.99	4.6	3.48	102.6
237	5/30/2010 0:31	13.25	47.88	31.17	8.85	7.99	4.1	3.55	102.5
238	5/30/2010 0:46	13.14	47.87	31.16	8.86	7.99	3.7	3.59	102.4
239	5/30/2010 1:01	13.03	48.29	31.46	8.85	7.99	3.1	3.63	102.2
240	5/30/2010 1:16	13.02	48.18	31.38	8.79	7.97	2.4	3.66	101.5
241	5/30/2010 1:31	13.14	48.01	31.26	8.56	7.91	2.8	3.68	99.0
242	5/30/2010 1:46	13.05	48.33	31.49	8.54	8.00	3.4	3.67	98.7
243	5/30/2010 2:01	12.97	48.37	31.51	8.68	7.98	3.3	3.63	100.2
244	5/30/2010 2:16	13.02	48.30	31.46	8.70	8.01	3.8	3.60	100.4
245	5/30/2010 2:31	13.52	47.51	30.91	8.58	8.00	4.3	3.53	99.8
246	5/30/2010 2:46	13.73	47.08	30.61	8.48	7.99	5.2	3.44	98.9
247	5/30/2010 3:01	13.95	46.89	30.48	8.38	7.98	6.1	3.34	98.1
248	5/30/2010 3:16	13.84	47.02	30.57	8.46	7.90	8.4	3.24	98.8
249	5/30/2010 3:31	14.13	46.88	30.47	8.28	7.97	6.7	3.12	97.3
250	5/30/2010 3:46	14.35	46.42	30.15	8.31	7.88	7.1	3.00	97.8
251	5/30/2010 4:01	14.46	46.19	29.98	8.21	7.87	6.2	2.89	96.8
252	5/30/2010 4:16	14.46	46.50	30.21	8.14	7.96	6.5	2.76	96.1
253	5/30/2010 4:31	14.66	46.32	30.08	8.08	7.96	7.1	2.63	95.7
254	5/30/2010 4:46	14.55	46.44	30.17	8.01	7.95	6.5	2.51	94.7
255	5/30/2010 5:01	14.65	46.13	29.95	8.00	7.95	7.4	2.37	94.6
256	5/30/2010 5:16	14.73	46.04	29.88	7.92	7.94	7.9	2.23	93.8
257	5/30/2010 5:31	14.76	45.92	29.80	7.86	7.94	8.9	2.11	93.1
258	5/30/2010 5:46	15.04	45.70	29.64	7.74	7.93	11.5	1.95	92.1
259	5/30/2010 6:01	15.22	45.38	29.42	7.67	7.92	11.3	1.80	91.5
260	5/30/2010 6:16	15.40	45.03	29.16	7.59	7.82	10.9	1.66	90.7
261	5/30/2010 6:31	15.61	45.02	29.16	7.49	7.91	11.3	1.52	90.0
262	5/30/2010 6:46	15.73	44.77	28.99	7.44	7.90	11.4	1.38	89.5
263	5/30/2010 7:01	15.80	44.78	28.99	7.38	7.90	12.4	1.25	88.8
264	5/30/2010 7:16	15.89	44.76	28.98	7.30	7.89	12.1	1.14	88.0

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	
265	5/30/2010 7:31	15.91	44.70	28.94	7.26	7.89	11.7	1.05	87.5
266	5/30/2010 7:46	15.98	44.67	28.92	7.11	7.88	10.1	0.97	85.8
267	5/30/2010 8:01	15.94	44.61	28.87	7.08	7.88	9.3	0.95	85.4
268	5/30/2010 8:16	15.90	44.64	28.89	7.31	7.89	9.2	0.99	88.1
269	5/30/2010 8:31	15.93	44.68	28.92	7.27	7.80	8.7	1.01	87.7
270	5/30/2010 8:46	15.90	44.75	28.97	7.31	7.89	9.0	1.08	88.2
271	5/30/2010 9:01	15.92	44.89	29.07	7.36	7.90	9.2	1.15	88.9
272	5/30/2010 9:16	15.99	44.33	28.67	7.43	7.90	8.1	1.19	89.6
273	5/30/2010 9:31	15.88	44.58	28.85	7.38	7.80	8.5	1.28	88.9
274	5/30/2010 9:46	15.82	44.45	28.76	7.37	7.89	8.1	1.35	88.6
275	5/30/2010 10:01	15.78	44.36	28.69	7.33	7.89	8.2	1.39	88.1
276	5/30/2010 10:16	15.77	44.36	28.69	7.36	7.80	7.9	1.48	88.4
277	5/30/2010 10:31	15.72	44.54	28.82	7.36	7.89	7.2	1.57	88.4
278	5/30/2010 10:46	15.70	44.32	28.66	7.39	7.89	6.9	1.65	88.6
279	5/30/2010 11:01	15.65	44.42	28.73	7.44	7.90	7.0	1.74	89.2
280	5/30/2010 11:16	15.47	44.31	28.65	7.65	7.83	6.9	1.84	91.2
281	5/30/2010 11:31	15.48	44.61	28.87	7.76	7.93	7.4	1.94	92.7
282	5/30/2010 11:46	15.27	45.12	29.23	7.81	7.91	6.3	2.05	93.1
283	5/30/2010 12:01	15.32	45.02	29.16	7.84	7.91	6.5	2.16	93.6
284	5/30/2010 12:16	15.52	44.85	29.04	7.93	7.91	7.2	2.26	95.0
285	5/30/2010 12:31	15.26	45.32	29.37	7.97	7.92	6.6	2.36	95.2
286	5/30/2010 12:46	14.94	45.94	29.81	7.98	7.92	7.6	2.46	94.9
287	5/30/2010 13:01	15.01	45.78	29.70	8.11	7.93	8.7	2.55	96.6
288	5/30/2010 13:16	14.96	46.09	29.92	8.21	7.94	9.8	2.63	97.7
289	5/30/2010 13:31	14.81	46.06	29.90	8.34	7.95	9.3	2.71	99.0
290	5/30/2010 13:46	14.66	46.21	30.00	8.35	7.95	10.1	2.79	98.8
291	5/30/2010 14:01	14.49	46.38	30.12	8.37	7.95	10.0	2.86	98.8
292	5/30/2010 14:16	14.16	47.06	30.60	8.55	7.96	7.8	2.92	100.6
293	5/30/2010 14:31	14.00	47.35	30.81	8.55	7.96	6.9	2.98	100.4
294	5/30/2010 14:46	13.89	47.35	30.81	8.58	7.96	5.9	3.03	100.5
295	5/30/2010 15:01	13.85	47.60	30.99	8.57	7.96	4.6	3.08	100.4
296	5/30/2010 15:16	13.82	47.66	31.03	8.55	7.97	3.8	3.10	100.2
297	5/30/2010 15:31	13.80	47.70	31.06	8.43	7.96	3.1	3.12	98.7
298	5/30/2010 15:46	13.84	47.75	31.10	8.35	7.95	3.0	3.12	97.9
299	5/30/2010 16:01	13.77	47.70	31.05	8.42	7.95	3.7	3.09	98.5
300	5/30/2010 16:16	14.58	46.99	30.57	8.53	7.90	4.8	3.05	101.1
301	5/30/2010 16:31	14.71	46.85	30.47	8.52	7.90	5.1	3.00	101.2
302	5/30/2010 16:46	14.66	46.85	30.46	8.45	7.99	5.0	2.94	100.3
303	5/30/2010 17:01	14.68	46.81	30.43	8.56	7.90	5.5	2.87	101.6
304	5/30/2010 17:16	14.84	46.59	30.28	8.54	7.90	5.8	2.79	101.6
305	5/30/2010 17:31	15.11	46.35	30.12	8.59	7.90	5.7	2.72	102.7
306	5/30/2010 17:46	15.61	46.00	29.87	8.70	8.00	6.0	2.67	104.9
307	5/30/2010 18:01	16.00	45.83	29.75	8.93	8.02	5.7	2.59	108.5
308	5/30/2010 18:16	16.39	45.93	29.83	9.28	8.05	5.2	2.53	113.6
309	5/30/2010 18:31	16.44	45.90	29.81	9.31	7.96	5.1	2.48	114.1
310	5/30/2010 18:46	16.46	45.52	29.54	9.05	8.02	6.1	2.42	110.7
311	5/30/2010 19:01	16.57	45.77	29.71	9.11	8.04	4.8	2.37	111.9
312	5/30/2010 19:16	16.61	45.55	29.56	9.04	8.03	4.8	2.33	111.0
313	5/30/2010 19:31	16.65	45.12	29.25	8.96	7.94	4.2	2.30	109.8
314	5/30/2010 19:46	16.55	45.31	29.38	8.82	8.02	3.6	2.27	108.0
315	5/30/2010 20:01	16.49	45.13	29.26	8.70	7.92	3.5	2.26	106.3
316	5/30/2010 20:16	16.67	45.07	29.22	8.91	8.02	4.4	2.26	109.3
317	5/30/2010 20:31	16.65	44.99	29.16	8.95	8.02	4.3	2.27	109.7

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	
318	5/30/2010 20:46	16.60	45.00	29.16	8.95	8.01	4.2	2.30	109.5
319	5/30/2010 21:01	16.37	45.42	29.46	8.85	8.01	4.9	2.34	108.1
320	5/30/2010 21:16	16.20	45.67	29.64	8.80	8.01	4.8	2.39	107.2
321	5/30/2010 21:31	16.52	44.84	29.05	8.87	7.92	5.4	2.44	108.3
322	5/30/2010 21:46	15.94	45.75	29.69	8.56	7.96	3.8	2.51	103.8
323	5/30/2010 22:01	15.71	45.78	29.71	8.54	7.96	3.5	2.58	103.1
324	5/30/2010 22:16	15.68	45.73	29.67	8.58	7.96	3.8	2.63	103.4
325	5/30/2010 22:31	15.50	46.16	29.98	8.54	7.96	3.7	2.71	102.8
326	5/30/2010 22:46	15.32	46.21	30.01	8.52	7.96	3.7	2.78	102.3
327	5/30/2010 23:01	15.09	46.40	30.15	8.51	7.96	3.8	2.84	101.7
328	5/30/2010 23:16	14.92	46.36	30.12	8.58	7.96	4.0	2.92	102.2
329	5/30/2010 23:31	14.86	46.53	30.24	8.59	7.96	4.5	2.98	102.3
330	5/30/2010 23:46	14.63	46.87	30.48	8.56	7.96	3.4	3.06	101.6
331	5/31/2010 0:01	14.03	47.42	30.86	8.42	7.94	2.7	3.12	98.9
332	5/31/2010 0:16	13.26	47.89	31.18	8.14	7.88	2.3	3.19	94.3
333	5/31/2010 0:31	13.18	48.35	31.50	8.06	7.91	2.5	3.26	93.5
334	5/31/2010 0:46	12.93	48.33	31.48	8.06	7.87	2.7	3.32	92.9
335	5/31/2010 1:01	12.89	48.59	31.67	8.04	7.90	2.3	3.37	92.7
336	5/31/2010 1:16	12.80	48.65	31.71	8.01	7.90	2.0	3.42	92.3
337	5/31/2010 1:31	12.68	48.70	31.75	8.00	7.90	1.7	3.48	91.9
338	5/31/2010 1:46	12.58	48.62	31.68	7.92	7.89	1.4	3.50	90.7
339	5/31/2010 2:01	12.53	48.64	31.69	7.82	7.89	1.2	3.52	89.6
340	5/31/2010 2:16	12.63	48.58	31.66	7.79	7.89	1.6	3.53	89.3
341	5/31/2010 2:31	12.58	48.54	31.62	7.75	7.88	1.8	3.52	88.8
342	5/31/2010 2:46	12.59	48.66	31.71	7.84	7.92	1.6	3.47	89.9
343	5/31/2010 3:01	13.70	47.51	30.91	7.87	7.89	4.0	3.42	91.9
344	5/31/2010 3:16	13.40	48.07	31.31	7.90	7.90	2.9	3.35	91.9
345	5/31/2010 3:31	13.72	47.79	31.12	7.91	7.90	3.3	3.27	92.5
346	5/31/2010 3:46	13.44	47.83	31.14	7.96	7.90	3.6	3.18	92.5
347	5/31/2010 4:01	14.15	47.14	30.66	7.94	7.91	4.8	3.07	93.5
348	5/31/2010 4:16	14.31	47.03	30.58	7.99	7.91	4.8	2.98	94.2
349	5/31/2010 4:31	14.48	47.04	30.60	7.82	7.90	5.0	2.87	92.6
350	5/31/2010 4:46	14.46	47.01	30.57	7.85	7.90	4.5	2.77	92.9
351	5/31/2010 5:01	14.82	46.70	30.36	7.82	7.93	5.6	2.64	93.1
352	5/31/2010 5:16	14.86	46.62	30.30	7.82	7.90	5.6	2.54	93.1
353	5/31/2010 5:31	15.34	46.05	29.90	7.84	7.93	7.9	2.42	94.0
354	5/31/2010 5:46	15.03	46.49	30.21	7.76	7.89	5.6	2.29	92.7
355	5/31/2010 6:01	15.55	45.54	29.54	7.80	7.84	6.0	2.17	93.7
356	5/31/2010 6:16	15.74	45.61	29.59	7.69	7.92	7.4	2.03	92.8
357	5/31/2010 6:31	15.69	45.71	29.66	7.68	7.92	6.9	1.92	92.6
358	5/31/2010 6:46	15.94	45.50	29.52	7.60	7.91	7.1	1.77	92.0
359	5/31/2010 7:01	16.16	45.23	29.32	7.57	7.91	7.9	1.62	92.0
360	5/31/2010 7:16	16.40	45.13	29.25	7.50	7.82	7.5	1.52	91.5
361	5/31/2010 7:31	16.54	44.91	29.09	7.44	7.82	7.4	1.39	90.9
362	5/31/2010 7:46	16.62	44.88	29.08	7.36	7.90	7.0	1.27	90.1
363	5/31/2010 8:01	16.74	44.91	29.10	7.30	7.89	7.0	1.18	89.5
364	5/31/2010 8:16	16.81	44.95	29.13	7.17	7.89	6.1	1.12	88.1
365	5/31/2010 8:31	16.83	44.78	29.00	7.12	7.80	5.6	1.09	87.4
366	5/31/2010 8:46	16.76	45.00	29.16	7.19	7.89	5.9	1.06	88.3
367	5/31/2010 9:01	16.77	44.86	29.06	7.27	7.81	6.1	1.09	89.2
368	5/31/2010 9:16	16.62	44.88	29.07	7.25	7.81	6.5	1.13	88.7
369	5/31/2010 9:31	16.54	45.00	29.16	7.25	7.80	6.5	1.17	88.6
370	5/31/2010 9:46	16.53	44.96	29.13	7.32	7.81	5.9	1.23	89.4

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	
371	5/31/2010 10:01	16.59	44.71	28.95	7.31	7.81	6.2	1.30	89.4
372	5/31/2010 10:16	16.49	44.95	29.12	7.32	7.89	5.6	1.38	89.4
373	5/31/2010 10:31	16.50	44.68	28.93	7.38	7.90	5.2	1.43	90.0
374	5/31/2010 10:46	16.50	44.52	28.81	7.41	7.90	5.3	1.52	90.4
375	5/31/2010 11:01	16.45	44.44	28.76	7.45	7.81	5.4	1.60	90.7
376	5/31/2010 11:16	16.43	44.52	28.81	7.43	7.90	4.9	1.67	90.5
377	5/31/2010 11:31	16.35	44.70	28.94	7.38	7.87	5.0	1.75	89.8
378	5/31/2010 11:46	16.23	44.63	28.89	7.58	7.89	4.8	1.84	91.9
379	5/31/2010 12:01	15.90	45.24	29.33	7.66	7.89	4.8	1.94	92.6
380	5/31/2010 12:16	16.01	44.81	29.01	7.78	7.90	5.3	2.03	94.0
381	5/31/2010 12:31	15.81	45.31	29.37	7.76	7.90	4.7	2.13	93.7
382	5/31/2010 12:46	16.06	45.12	29.24	7.98	7.91	5.4	2.23	96.6
383	5/31/2010 13:01	15.47	46.00	29.87	7.85	7.91	5.4	2.32	94.4
384	5/31/2010 13:16	15.38	46.04	29.89	7.89	7.91	5.4	2.41	94.7
385	5/31/2010 13:31	15.36	45.99	29.86	7.94	7.91	5.4	2.49	95.2
386	5/31/2010 13:46	15.12	46.39	30.14	7.93	7.91	5.4	2.58	94.8
387	5/31/2010 14:01	14.98	46.29	30.07	8.00	7.91	7.6	2.66	95.3
388	5/31/2010 14:16	14.84	46.51	30.22	8.12	7.92	7.4	2.73	96.6
389	5/31/2010 14:31	14.80	46.68	30.34	8.14	7.92	6.8	2.80	96.9
390	5/31/2010 14:46	14.52	46.93	30.52	8.11	7.92	6.7	2.87	96.1
391	5/31/2010 15:01	14.05	47.35	30.81	8.06	7.91	6.6	2.94	94.7
392	5/31/2010 15:16	13.79	47.81	31.13	8.04	7.88	5.5	2.99	94.1
393	5/31/2010 15:31	13.67	47.89	31.19	8.02	7.86	3.9	3.03	93.7
394	5/31/2010 15:46	13.61	47.92	31.21	7.97	7.89	3.2	3.08	93.0
395	5/31/2010 16:01	13.58	48.04	31.30	7.93	7.88	2.6	3.10	92.6
396	5/31/2010 16:16	13.75	47.77	31.11	7.83	7.87	3.2	3.11	91.6
397	5/31/2010 16:31	13.59	47.98	31.25	7.81	7.87	2.5	3.10	91.2
398	5/31/2010 16:46	13.57	48.03	31.29	7.85	7.89	2.5	3.08	91.6
399	5/31/2010 17:01	14.41	47.39	30.85	8.11	7.92	3.9	3.03	96.1
400	5/31/2010 17:16	14.22	47.44	30.88	8.02	7.91	3.1	2.98	94.6
401	5/31/2010 17:31	14.19	47.48	30.91	7.96	7.91	3.5	2.92	93.9
402	5/31/2010 17:46	14.40	46.95	30.53	8.06	7.91	4.1	2.85	95.2
403	5/31/2010 18:01	14.65	47.02	30.58	8.10	7.92	4.8	2.79	96.2
404	5/31/2010 18:16	15.01	46.64	30.32	8.20	7.93	3.9	2.72	98.0
405	5/31/2010 18:31	15.38	46.29	30.07	8.25	7.93	4.0	2.65	99.2
406	5/31/2010 18:46	15.66	46.28	30.07	8.58	7.90	4.8	2.59	103.7
407	5/31/2010 19:01	15.78	45.93	29.82	8.64	7.91	5.0	2.54	104.5
408	5/31/2010 19:16	15.79	46.15	29.98	8.57	7.97	5.4	2.49	103.8
409	5/31/2010 19:31	15.94	45.77	29.71	8.47	7.98	4.4	2.44	102.7
410	5/31/2010 19:46	15.87	45.86	29.77	8.46	7.95	4.5	2.40	102.5
411	5/31/2010 20:01	15.94	45.69	29.65	8.40	7.95	6.8	2.36	101.8
412	5/31/2010 20:16	15.98	45.56	29.56	8.28	7.94	6.0	2.34	100.3
413	5/31/2010 20:31	16.03	45.43	29.47	8.08	7.87	3.9	2.31	97.9
414	5/31/2010 20:46	16.03	45.37	29.42	7.87	7.91	2.9	2.30	95.4
415	5/31/2010 21:01	16.04	45.40	29.45	8.12	7.87	3.6	2.30	98.5
416	5/31/2010 21:16	16.15	45.40	29.44	8.20	7.96	5.9	2.32	99.6
417	5/31/2010 21:31	16.14	45.20	29.30	8.23	7.93	3.2	2.34	99.9
418	5/31/2010 21:46	15.84	45.81	29.73	8.16	7.93	3.3	2.36	98.7
419	5/31/2010 22:01	15.76	45.83	29.75	8.10	7.92	3.7	2.41	97.9
420	5/31/2010 22:16	15.87	45.73	29.68	8.21	7.93	3.7	2.46	99.4
421	5/31/2010 22:31	15.78	45.79	29.72	8.18	7.93	3.4	2.51	98.9
422	5/31/2010 22:46	15.52	45.94	29.82	8.02	7.91	3.7	2.57	96.5
423	5/31/2010 23:01	15.10	46.38	30.14	8.03	7.91	2.7	2.62	95.9

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	
424	5/31/2010 23:16	15.04	46.50	30.22	8.02	7.91	3.3	2.69	95.8
425	5/31/2010 23:31	14.98	46.70	30.36	8.05	7.91	2.9	2.74	96.2
426	5/31/2010 23:46	14.90	46.76	30.41	8.05	7.91	2.7	2.81	96.0
427	6/1/2010 0:01	14.52	47.10	30.64	8.02	7.91	2.7	2.88	95.1
428	6/1/2010 0:16	14.63	46.66	30.32	8.08	7.91	2.3	2.93	95.8
429	6/1/2010 0:31	14.53	47.09	30.64	8.07	7.91	2.6	3.00	95.7
430	6/1/2010 0:46	14.31	47.43	30.87	8.08	7.91	2.2	3.06	95.4
431	6/1/2010 1:01	13.92	47.58	30.97	8.01	7.89	2.3	3.11	94.0
432	6/1/2010 1:16	13.39	48.22	31.42	7.98	7.86	2.1	3.18	92.8
433	6/1/2010 1:31	13.31	48.14	31.36	7.94	7.86	2.1	3.24	92.2
434	6/1/2010 1:46	13.23	48.34	31.50	7.93	7.86	2.4	3.27	92.1
435	6/1/2010 2:01	13.21	48.01	31.26	7.94	7.86	1.8	3.32	92.0
436	6/1/2010 2:16	12.98	48.58	31.67	7.92	7.86	1.4	3.35	91.6
437	6/1/2010 2:31	12.88	48.59	31.67	7.89	7.89	1.3	3.38	91.0
438	6/1/2010 2:46	12.89	48.58	31.66	7.72	7.88	0.8	3.40	89.1
439	6/1/2010 3:01	12.90	48.65	31.71	7.72	7.88	1.0	3.40	89.1
440	6/1/2010 3:16	12.91	48.59	31.67	7.67	7.87	1.5	3.38	88.4
441	6/1/2010 3:31	12.92	48.54	31.64	7.80	7.88	1.6	3.35	90.0
442	6/1/2010 3:46	13.33	48.19	31.39	7.76	7.88	1.9	3.30	90.2
443	6/1/2010 4:01	13.83	47.41	30.84	7.75	7.89	2.7	3.24	90.7
444	6/1/2010 4:16	13.69	47.69	31.05	7.71	7.88	2.7	3.16	90.0
445	6/1/2010 4:31	13.99	47.42	30.86	7.72	7.88	3.6	3.07	90.6
446	6/1/2010 4:46	14.66	46.98	30.56	7.51	7.87	3.9	2.99	89.2
447	6/1/2010 5:01	14.70	46.84	30.46	7.54	7.86	4.0	2.91	89.5
448	6/1/2010 5:16	14.87	46.51	30.22	7.53	7.87	4.8	2.80	89.6
449	6/1/2010 5:31	14.98	46.67	30.34	7.45	7.87	4.8	2.69	89.0
450	6/1/2010 5:46	14.99	46.50	30.22	7.40	7.86	6.0	2.60	88.3
451	6/1/2010 6:01	15.07	46.61	30.30	7.37	7.86	4.8	2.50	88.1
452	6/1/2010 6:16	15.25	46.25	30.04	7.35	7.86	5.7	2.38	88.1
453	6/1/2010 6:31	15.55	45.97	29.85	7.34	7.86	5.2	2.27	88.3
454	6/1/2010 6:46	15.66	45.59	29.57	7.26	7.85	7.2	2.15	87.5
455	6/1/2010 7:01	15.52	45.65	29.61	7.20	7.84	6.2	2.03	86.6
456	6/1/2010 7:16	15.74	45.62	29.60	7.17	7.84	6.9	1.92	86.5
457	6/1/2010 7:31	15.87	45.43	29.46	7.13	7.84	6.9	1.80	86.2
458	6/1/2010 7:46	15.97	45.48	29.50	7.13	7.84	6.8	1.67	86.4
459	6/1/2010 8:01	16.07	45.25	29.33	7.08	7.84	6.4	1.57	85.9
460	6/1/2010 8:16	16.17	45.15	29.27	7.02	7.83	6.7	1.47	85.3
461	6/1/2010 8:31	16.28	45.24	29.33	6.96	7.83	6.5	1.38	84.8
462	6/1/2010 8:46	16.37	44.99	29.15	6.89	7.83	6.2	1.32	84.0
463	6/1/2010 9:01	16.45	45.21	29.31	6.74	7.83	5.4	1.26	82.4
464	6/1/2010 9:16	16.49	45.03	29.18	6.57	7.83	5.6	1.23	80.2
465	6/1/2010 9:31	16.46	45.08	29.21	6.83	7.83	5.7	1.25	83.4
466	6/1/2010 9:46	16.29	45.17	29.28	6.85	7.83	5.2	1.26	83.4
467	6/1/2010 10:01	16.27	45.25	29.34	6.95	7.83	5.2	1.27	84.6
468	6/1/2010 10:16	16.26	45.21	29.31	6.98	7.83	5.6	1.33	85.0
469	6/1/2010 10:31	16.31	45.21	29.31	7.01	7.84	5.2	1.40	85.4
470	6/1/2010 10:46	16.37	45.25	29.34	7.03	7.84	5.1	1.45	85.8
471	6/1/2010 11:01	16.46	44.40	28.73	7.10	7.84	5.7	1.49	86.4
472	6/1/2010 11:16	16.40	44.77	28.99	7.06	7.84	5.2	1.55	85.9
473	6/1/2010 11:31	16.26	44.82	29.03	7.08	7.84	5.3	1.64	86.0
474	6/1/2010 11:46	16.21	44.59	28.86	7.13	7.84	5.1	1.70	86.5
475	6/1/2010 12:01	16.22	44.74	28.97	7.11	7.83	4.7	1.76	86.3
476	6/1/2010 12:16	16.12	44.99	29.15	7.01	7.83	5.2	1.86	85.0

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	
477	6/1/2010 12:31	15.99	44.97	29.13	7.24	7.85	4.6	1.96	87.5
478	6/1/2010 12:46	15.98	44.93	29.10	7.40	7.86	5.3	2.03	89.4
479	6/1/2010 13:01	15.97	45.05	29.19	7.46	7.87	4.9	2.12	90.3
480	6/1/2010 13:16	15.88	45.36	29.41	7.50	7.87	4.7	2.22	90.7
481	6/1/2010 13:31	16.13	45.25	29.34	7.65	7.88	5.2	2.31	92.9
482	6/1/2010 13:46	15.54	46.20	30.01	7.64	7.88	3.7	2.40	92.1
483	6/1/2010 14:01	15.33	46.56	30.27	7.62	7.88	4.3	2.47	91.5
484	6/1/2010 14:16	15.36	46.52	30.24	7.68	7.88	4.0	2.55	92.4
485	6/1/2010 14:31	15.13	46.61	30.30	7.69	7.88	4.5	2.64	92.1
486	6/1/2010 14:46	14.98	46.78	30.42	7.73	7.87	5.0	2.70	92.4
487	6/1/2010 15:01	14.98	46.84	30.46	7.85	7.89	5.8	2.76	93.8
488	6/1/2010 15:16	14.94	46.85	30.47	7.99	7.90	4.9	2.83	95.4
489	6/1/2010 15:31	14.78	47.00	30.58	8.02	7.90	4.8	2.90	95.5
490	6/1/2010 15:46	14.58	47.18	30.70	8.00	7.86	4.4	2.95	95.0
491	6/1/2010 16:01	14.30	47.42	30.87	8.11	7.87	4.5	2.99	95.8
492	6/1/2010 16:16	14.01	47.70	31.06	8.14	7.90	3.4	3.05	95.7
493	6/1/2010 16:31	13.84	47.80	31.13	8.20	7.88	2.7	3.08	96.1
494	6/1/2010 16:46	13.78	48.06	31.32	8.14	7.87	2.7	3.10	95.4
495	6/1/2010 17:01	13.81	47.91	31.21	8.07	7.89	2.3	3.11	94.6
496	6/1/2010 17:16	13.76	48.15	31.38	8.04	7.87	2.6	3.11	94.3
497	6/1/2010 17:31	13.79	48.07	31.32	8.13	7.90	2.5	3.07	95.4
498	6/1/2010 17:46	13.96	47.87	31.19	8.01	7.89	2.4	3.03	94.1
499	6/1/2010 18:01	14.68	47.26	30.76	8.11	7.91	3.5	2.97	96.4
500	6/1/2010 18:16	14.89	47.05	30.62	8.11	7.91	3.5	2.93	96.8
501	6/1/2010 18:31	15.10	46.83	30.46	8.14	7.91	3.5	2.86	97.5
502	6/1/2010 18:46	15.44	46.89	30.51	8.22	7.92	3.9	2.79	99.2
503	6/1/2010 19:01	15.76	46.50	30.23	8.35	7.93	4.0	2.74	101.2
504	6/1/2010 19:16	15.77	46.62	30.32	8.33	7.93	3.1	2.67	101.0
505	6/1/2010 19:31	16.59	46.44	30.20	8.51	7.96	3.6	2.62	104.8
506	6/1/2010 19:46	16.65	46.23	30.05	8.61	7.96	4.6	2.57	106.1
507	6/1/2010 20:01	16.61	45.96	29.85	8.61	7.96	4.1	2.51	105.9
508	6/1/2010 20:16	16.56	45.79	29.73	8.52	7.95	3.5	2.48	104.5
509	6/1/2010 20:31	16.59	46.05	29.92	8.53	7.95	3.8	2.44	104.9
510	6/1/2010 20:46	16.53	45.91	29.82	8.41	7.94	4.2	2.40	103.2
511	6/1/2010 21:01	16.60	45.86	29.78	8.36	7.94	3.5	2.37	102.7
512	6/1/2010 21:16	16.64	45.89	29.80	8.14	7.93	4.8	2.37	100.2
513	6/1/2010 21:31	16.30	46.07	29.93	8.05	7.92	3.5	2.35	98.4
514	6/1/2010 21:46	16.65	45.58	29.58	8.37	7.94	3.1	2.34	102.8
515	6/1/2010 22:01	16.67	45.73	29.69	8.40	7.95	3.1	2.36	103.4
516	6/1/2010 22:16	16.67	45.42	29.46	8.43	7.94	3.3	2.37	103.5
517	6/1/2010 22:31	16.36	45.99	29.88	8.25	7.92	4.8	2.40	100.9
518	6/1/2010 22:46	16.28	45.99	29.87	8.20	7.92	3.7	2.42	100.2
519	6/1/2010 23:01	16.20	46.02	29.89	8.21	7.92	3.1	2.47	100.2
520	6/1/2010 23:16	16.31	45.93	29.83	8.35	7.93	3.2	2.52	102.1
521	6/1/2010 23:31	16.05	46.09	29.94	8.10	7.91	3.1	2.56	98.6
522	6/1/2010 23:46	15.70	46.27	30.07	8.11	7.90	3.3	2.61	98.1
523	6/2/2010 0:01	15.59	46.54	30.26	8.08	7.90	2.9	2.66	97.7
524	6/2/2010 0:16	15.37	46.72	30.38	8.10	7.90	2.5	2.71	97.6
525	6/2/2010 0:31	15.34	46.85	30.48	8.10	7.91	2.6	2.75	97.5
526	6/2/2010 0:46	15.43	46.75	30.41	8.16	7.91	3.6	2.80	98.4
527	6/2/2010 1:01	15.21	46.83	30.46	8.16	7.91	2.3	2.87	97.9
528	6/2/2010 1:16	15.17	46.88	30.50	8.16	7.91	2.4	2.91	97.8
529	6/2/2010 1:31	14.93	47.07	30.63	8.12	7.90	2.3	2.96	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	DO%
			mS/cm		mg/L		NTU	meters	
530	6/2/2010 1:46	14.75	47.22	30.73	8.13	7.90	2.0	3.02	96.8
531	6/2/2010 2:01	14.57	47.20	30.71	8.13	7.87	2.0	3.07	96.5
532	6/2/2010 2:16	14.24	47.57	30.98	8.15	7.87	1.8	3.11	96.3
533	6/2/2010 2:31	13.89	47.81	31.14	8.14	7.87	1.6	3.15	95.5
534	6/2/2010 2:46	13.85	48.06	31.32	8.05	7.87	1.9	3.19	94.5
535	6/2/2010 3:01	13.67	48.25	31.45	8.05	7.89	1.6	3.22	94.3
536	6/2/2010 3:16	13.52	48.16	31.38	8.11	7.87	1.5	3.25	94.6
537	6/2/2010 3:31	13.52	48.23	31.43	7.99	7.87	0.9	3.25	93.2
538	6/2/2010 3:46	13.67	47.87	31.17	7.73	7.86	2.1	3.26	90.4
539	6/2/2010 4:01	13.53	48.30	31.48	7.65	7.85	1.3	3.26	89.3
540	6/2/2010 4:16	13.42	48.20	31.41	8.02	7.87	2.4	3.23	93.3
541	6/2/2010 4:31	13.57	48.14	31.37	7.90	7.86	1.8	3.20	92.2
542	6/2/2010 4:46	14.07	47.92	31.22	7.94	7.85	2.2	3.14	93.6
543	6/2/2010 5:01	14.31	47.66	31.04	7.84	7.84	3.1	3.08	92.7
544	6/2/2010 5:16	14.30	47.70	31.07	7.91	7.85	2.9	3.01	93.6
545	6/2/2010 5:31	14.71	47.31	30.80	7.80	7.88	3.7	2.91	92.9
546	6/2/2010 5:46	15.43	46.49	30.22	7.46	7.85	4.7	2.82	89.8
547	6/2/2010 6:01	15.56	46.27	30.07	7.41	7.85	4.4	2.75	89.3
548	6/2/2010 6:16	15.60	46.37	30.14	7.38	7.84	4.3	2.66	89.1
549	6/2/2010 6:31	15.56	46.41	30.16	7.27	7.83	4.3	2.56	87.8
550	6/2/2010 6:46	15.74	46.17	29.99	7.41	7.85	4.8	2.47	89.6
551	6/2/2010 7:01	16.16	45.75	29.69	7.40	7.85	5.4	2.39	90.1
552	6/2/2010 7:16	16.13	46.03	29.90	7.33	7.85	4.9	2.28	89.3
553	6/2/2010 7:31	16.19	45.81	29.74	7.30	7.85	5.6	2.18	89.0
554	6/2/2010 7:46	16.45	45.68	29.65	7.22	7.85	5.7	2.07	88.4
555	6/2/2010 8:01	16.53	45.49	29.52	7.17	7.84	5.7	1.97	87.8
556	6/2/2010 8:16	16.80	45.20	29.30	7.18	7.85	5.6	1.87	88.3
557	6/2/2010 8:31	16.82	45.17	29.29	7.21	7.85	5.4	1.76	88.7
558	6/2/2010 8:46	16.90	45.27	29.36	7.19	7.85	5.1	1.68	88.6
559	6/2/2010 9:01	16.97	45.39	29.45	7.14	7.85	5.2	1.60	88.2
560	6/2/2010 9:16	17.01	45.24	29.33	7.13	7.85	5.6	1.52	88.1
561	6/2/2010 9:31	17.03	45.16	29.28	6.93	7.84	4.7	1.47	85.7
562	6/2/2010 9:46	17.05	45.16	29.28	6.74	7.83	3.9	1.46	83.3
563	6/2/2010 10:01	16.98	45.33	29.40	6.99	7.84	5.2	1.43	86.4
564	6/2/2010 10:16	16.90	45.31	29.39	7.06	7.84	4.8	1.44	87.1
565	6/2/2010 10:31	16.87	45.42	29.46	7.11	7.84	4.8	1.47	87.6
566	6/2/2010 10:46	16.99	45.10	29.24	7.21	7.85	4.9	1.51	89.0
567	6/2/2010 11:01	16.97	45.15	29.27	7.23	7.85	5.8	1.55	89.2
568	6/2/2010 11:16	17.07	44.60	28.87	7.36	7.85	9.2	1.61	90.8
569	6/2/2010 11:31	16.97	44.80	29.02	7.21	7.84	6.9	1.66	88.8
570	6/2/2010 11:46	16.78	45.20	29.31	7.04	7.83	4.9	1.73	86.6
571	6/2/2010 12:01	16.88	44.68	28.93	7.13	7.84	5.5	1.81	87.6
572	6/2/2010 12:16	16.83	44.70	28.95	7.12	7.84	5.0	1.85	87.5
573	6/2/2010 12:31	16.75	44.99	29.16	7.08	7.84	4.4	1.93	87.0
574	6/2/2010 12:46	16.69	44.99	29.15	7.05	7.83	4.0	2.02	86.4
575	6/2/2010 13:01	16.62	45.00	29.16	7.24	7.84	4.2	2.08	88.6
576	6/2/2010 13:16	16.58	44.60	28.87	7.51	7.86	5.1	2.16	91.8
577	6/2/2010 13:31	16.15	45.61	29.60	7.52	7.86	4.4	2.24	91.5
578	6/2/2010 13:46	15.95	46.03	29.90	7.56	7.86	3.5	2.31	91.8
579	6/2/2010 14:01	15.85	46.03	29.89	7.59	7.87	3.5	2.39	91.9
580	6/2/2010 14:16	15.80	46.13	29.97	7.65	7.84	3.8	2.46	92.7
581	6/2/2010 14:31	15.71	46.04	29.90	7.70	7.84	3.8	2.54	93.0
582	6/2/2010 14:46	15.56	45.87	29.78	7.79	7.85	4.2	2.61	93.7

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	
583	6/2/2010 15:01	15.35	46.63	30.32	7.66	7.86	4.1	2.67	92.2
584	6/2/2010 15:16	15.17	46.50	30.22	7.63	7.84	4.0	2.75	91.4
585	6/2/2010 15:31	15.05	46.78	30.42	7.72	7.85	3.8	2.82	92.3
586	6/2/2010 15:46	14.91	47.00	30.58	7.78	7.85	4.2	2.88	92.9
587	6/2/2010 16:01	14.78	47.03	30.60	7.90	7.86	4.2	2.95	94.1
588	6/2/2010 16:16	14.56	47.00	30.57	8.00	7.87	3.7	3.01	94.8
589	6/2/2010 16:31	14.36	47.48	30.91	8.03	7.87	3.4	3.07	95.1
590	6/2/2010 16:46	14.17	47.63	31.02	8.07	7.89	3.2	3.13	95.2
591	6/2/2010 17:01	14.02	47.74	31.09	8.06	7.89	2.7	3.15	94.8
592	6/2/2010 17:16	13.97	47.80	31.13	8.01	7.88	2.2	3.18	94.2
593	6/2/2010 17:31	13.86	47.67	31.04	8.02	7.88	2.0	3.21	94.0
594	6/2/2010 17:46	13.98	47.82	31.15	7.90	7.87	2.4	3.21	93.0
595	6/2/2010 18:01	13.89	47.89	31.20	7.96	7.89	1.9	3.18	93.5
596	6/2/2010 18:16	13.92	47.88	31.19	7.94	7.89	1.9	3.16	93.2
597	6/2/2010 18:31	14.11	47.63	31.01	7.90	7.86	1.9	3.13	93.0
598	6/2/2010 18:46	14.40	47.23	30.73	7.88	7.86	2.6	3.06	93.2
599	6/2/2010 19:01	14.67	47.00	30.57	7.85	7.85	3.7	3.00	93.3
600	6/2/2010 19:16	14.74	46.98	30.56	7.81	7.85	3.4	2.95	92.9
601	6/2/2010 19:31	14.85	46.68	30.35	7.80	7.85	3.7	2.89	92.9
602	6/2/2010 19:46	14.97	46.78	30.42	7.67	7.86	3.2	2.82	91.6
603	6/2/2010 20:01	15.52	46.20	30.01	7.53	7.86	3.9	2.76	90.7
604	6/2/2010 20:16	15.46	46.24	30.04	7.54	7.86	3.5	2.72	90.7
605	6/2/2010 20:31	15.55	46.28	30.07	7.43	7.85	3.2	2.67	89.5
606	6/2/2010 20:46	15.74	45.89	29.79	7.39	7.85	4.0	2.61	89.3
607	6/2/2010 21:01	15.92	45.75	29.69	7.37	7.85	4.5	2.58	89.4
608	6/2/2010 21:16	15.99	45.60	29.59	7.37	7.85	4.8	2.54	89.3
609	6/2/2010 21:31	15.96	45.58	29.57	7.32	7.85	4.8	2.49	88.7
610	6/2/2010 21:46	15.98	45.60	29.59	7.28	7.84	3.8	2.48	88.3
611	6/2/2010 22:01	16.08	45.55	29.55	7.27	7.85	3.8	2.45	88.3
612	6/2/2010 22:16	16.23	45.31	29.38	7.27	7.84	3.4	2.43	88.4
613	6/2/2010 22:31	16.23	45.14	29.26	7.00	7.83	4.5	2.42	85.1
614	6/2/2010 22:46	16.02	45.49	29.51	7.12	7.84	3.5	2.41	86.4
615	6/2/2010 23:01	15.91	45.65	29.62	7.29	7.84	4.0	2.41	88.3
616	6/2/2010 23:16	15.83	45.63	29.61	7.36	7.85	3.6	2.42	89.0
617	6/2/2010 23:31	16.11	45.22	29.31	7.29	7.84	4.6	2.45	88.5
618	6/2/2010 23:46	15.71	46.00	29.87	7.32	7.81	3.6	2.45	88.4
619	6/3/2010 0:01	15.63	46.07	29.92	7.29	7.81	3.8	2.49	87.9
620	6/3/2010 0:16	15.71	45.70	29.65	7.32	7.84	4.0	2.52	88.3
621	6/3/2010 0:31	15.45	46.01	29.88	7.28	7.81	3.2	2.56	87.5
622	6/3/2010 0:46	15.44	46.03	29.89	7.32	7.81	2.7	2.60	87.9
623	6/3/2010 1:01	15.40	45.94	29.82	7.43	7.81	3.2	2.65	89.2
624	6/3/2010 1:16	15.13	46.35	30.11	7.49	7.82	2.6	2.69	89.6
625	6/3/2010 1:31	15.35	46.00	29.86	7.54	7.82	3.3	2.73	90.4
626	6/3/2010 1:46	15.22	46.26	30.05	7.58	7.83	3.1	2.80	90.8
627	6/3/2010 2:01	15.10	46.47	30.20	7.68	7.84	2.6	2.84	91.8
628	6/3/2010 2:16	14.99	46.51	30.23	7.77	7.84	2.4	2.88	92.8
629	6/3/2010 2:31	14.91	46.53	30.24	7.78	7.85	2.6	2.93	92.7
630	6/3/2010 2:46	14.85	46.68	30.35	7.80	7.85	2.3	2.98	92.8
631	6/3/2010 3:01	14.66	46.66	30.33	7.83	7.85	2.1	3.02	92.8
632	6/3/2010 3:16	14.22	47.39	30.84	7.92	7.87	1.8	3.06	93.4
633	6/3/2010 3:31	14.16	47.27	30.76	7.93	7.87	1.6	3.09	93.4
634	6/3/2010 3:46	14.06	47.55	30.95	7.91	7.87	1.5	3.12	93.1
635	6/3/2010 4:01	14.02	47.54	30.95	7.81	7.87	1.2	3.14	91.9

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	
636	6/3/2010 4:16	13.97	47.59	30.99	7.48	7.85	1.0	3.16	87.9
637	6/3/2010 4:31	13.98	47.58	30.98	7.69	7.86	1.4	3.16	90.3
638	6/3/2010 4:46	14.15	47.29	30.77	7.60	7.85	1.7	3.14	89.5
639	6/3/2010 5:01	14.14	47.06	30.60	7.76	7.85	1.8	3.13	91.2
640	6/3/2010 5:16	14.24	46.85	30.46	7.72	7.85	1.7	3.09	90.9
641	6/3/2010 5:31	14.52	46.90	30.49	7.65	7.85	2.5	3.04	90.5
642	6/3/2010 5:46	14.58	46.84	30.46	7.63	7.84	2.7	2.99	90.4
643	6/3/2010 6:01	14.76	46.66	30.33	7.48	7.82	3.4	2.93	88.9
644	6/3/2010 6:16	14.85	46.52	30.23	7.49	7.82	3.5	2.86	89.2
645	6/3/2010 6:31	15.01	46.41	30.16	7.43	7.81	4.3	2.79	88.7
646	6/3/2010 6:46	15.42	45.45	29.47	7.08	7.77	4.8	2.71	84.9
647	6/3/2010 7:01	15.57	45.89	29.79	6.88	7.79	5.1	2.64	82.8
648	6/3/2010 7:16	15.63	45.64	29.61	6.91	7.79	4.8	2.56	83.2
649	6/3/2010 7:31	15.74	45.70	29.66	6.82	7.78	4.7	2.48	82.3
650	6/3/2010 7:46	15.75	45.34	29.40	6.83	7.78	5.1	2.40	82.3
651	6/3/2010 8:01	16.08	45.12	29.24	6.70	7.77	5.5	2.31	81.2
652	6/3/2010 8:16	15.93	45.25	29.33	6.75	7.77	5.2	2.23	81.6
653	6/3/2010 8:31	16.10	45.06	29.20	6.75	7.77	5.9	2.13	81.8
654	6/3/2010 8:46	16.27	44.89	29.08	6.70	7.78	5.6	2.06	81.5
655	6/3/2010 9:01	16.27	44.91	29.09	6.79	7.78	5.5	1.98	82.5
656	6/3/2010 9:16	16.34	44.92	29.10	6.82	7.78	5.5	1.89	83.1
657	6/3/2010 9:31	16.38	44.76	28.99	6.83	7.78	5.4	1.82	83.2
658	6/3/2010 9:46	16.45	44.77	29.00	6.75	7.78	5.0	1.77	82.3
659	6/3/2010 10:01	16.50	44.63	28.89	6.74	7.78	5.2	1.71	82.2
660	6/3/2010 10:16	16.55	44.67	28.92	6.61	7.77	5.1	1.68	80.7
661	6/3/2010 10:31	16.60	44.68	28.93	6.38	7.76	3.4	1.65	77.9
662	6/3/2010 10:46	16.47	44.76	28.99	6.72	7.78	4.5	1.62	81.9
663	6/3/2010 11:01	16.41	44.85	29.05	6.63	7.77	4.2	1.63	80.8
664	6/3/2010 11:16	16.67	44.59	28.87	6.74	7.78	3.9	1.64	82.5
665	6/3/2010 11:31	16.78	44.35	28.70	6.70	7.78	4.4	1.66	82.1
666	6/3/2010 11:46	16.49	44.70	28.94	6.64	7.77	4.2	1.72	80.9
667	6/3/2010 12:01	16.46	44.96	29.13	6.58	7.77	4.8	1.74	80.3
668	6/3/2010 12:16	16.41	44.97	29.13	6.54	7.77	4.3	1.79	79.7
669	6/3/2010 12:31	16.37	44.71	28.95	6.50	7.76	4.8	1.85	79.1
670	6/3/2010 12:46	16.35	44.72	28.96	6.53	7.76	4.4	1.90	79.5
671	6/3/2010 13:01	16.34	44.84	29.04	6.55	7.76	4.7	1.96	79.7
672	6/3/2010 13:16	16.27	44.97	29.13	6.52	7.76	4.5	2.03	79.3
673	6/3/2010 13:31	16.19	45.02	29.17	6.47	7.76	4.8	2.11	78.6
674	6/3/2010 13:46	16.00	45.08	29.21	6.62	7.76	4.5	2.17	80.1
675	6/3/2010 14:01	15.88	45.09	29.22	6.74	7.77	4.3	2.25	81.4
676	6/3/2010 14:16	15.81	45.22	29.31	6.88	7.79	4.4	2.32	83.0
677	6/3/2010 14:31	15.85	44.78	28.99	7.07	7.80	4.9	2.40	85.2
678	6/3/2010 14:46	15.77	45.15	29.26	7.24	7.81	4.5	2.47	87.2
679	6/3/2010 15:01	15.64	45.58	29.57	7.28	7.80	3.7	2.54	87.7
680	6/3/2010 15:16	15.49	45.92	29.81	7.25	7.82	3.9	2.61	87.1
681	6/3/2010 15:31	15.18	46.35	30.12	7.34	7.82	4.9	2.67	87.8
682	6/3/2010 15:46	15.13	46.21	30.01	7.42	7.84	3.8	2.74	88.7
683	6/3/2010 16:01	14.95	46.13	29.95	7.49	7.83	4.3	2.81	89.1
684	6/3/2010 16:16	14.84	46.47	30.19	7.56	7.84	4.5	2.87	89.9
685	6/3/2010 16:31	14.78	46.58	30.27	7.67	7.85	3.8	2.93	91.2
686	6/3/2010 16:46	14.70	46.46	30.19	7.85	7.86	4.3	3.00	93.1
687	6/3/2010 17:01	14.60	46.75	30.39	8.00	7.87	4.2	3.05	94.8
688	6/3/2010 17:16	14.49	46.86	30.47	8.11	7.88	3.8	3.10	96.0

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	
689	6/3/2010 17:31	14.25	46.99	30.56	8.32	7.88	3.8	3.15	98.1
690	6/3/2010 17:46	14.08	47.33	30.80	8.39	7.91	2.9	3.18	98.6
691	6/3/2010 18:01	14.02	47.12	30.64	8.43	7.92	2.4	3.22	98.9
692	6/3/2010 18:16	14.00	47.04	30.58	8.15	7.87	2.1	3.22	95.6
693	6/3/2010 18:31	14.02	47.34	30.80	8.30	7.91	2.0	3.21	97.4
694	6/3/2010 18:46	13.96	47.23	30.72	8.05	7.90	1.6	3.21	94.4
695	6/3/2010 19:01	14.04	47.09	30.62	7.88	7.87	2.3	3.19	92.5
696	6/3/2010 19:16	14.26	47.17	30.69	8.11	7.89	2.6	3.14	95.6
697	6/3/2010 19:31	14.46	46.88	30.48	8.00	7.87	2.6	3.10	94.6
698	6/3/2010 19:46	14.64	46.78	30.41	7.88	7.86	3.8	3.05	93.5
699	6/3/2010 20:01	14.73	46.54	30.25	7.85	7.85	4.0	3.00	93.2
700	6/3/2010 20:16	14.88	46.32	30.09	7.79	7.84	4.5	2.92	92.6
701	6/3/2010 20:31	15.29	45.98	29.85	7.63	7.82	5.2	2.88	91.4
702	6/3/2010 20:46	15.43	45.79	29.71	7.57	7.82	4.4	2.81	90.9
703	6/3/2010 21:01	15.60	45.48	29.50	7.52	7.82	4.3	2.75	90.4
704	6/3/2010 21:16	15.64	45.23	29.32	7.47	7.80	4.2	2.71	89.8
705	6/3/2010 21:31	15.70	45.13	29.24	7.48	7.80	4.5	2.65	90.0
706	6/3/2010 21:46	15.72	45.20	29.29	7.40	7.79	4.1	2.61	89.0
707	6/3/2010 22:01	15.72	45.10	29.22	7.43	7.82	4.8	2.56	89.4
708	6/3/2010 22:16	15.83	44.92	29.10	7.39	7.82	4.6	2.53	89.1
709	6/3/2010 22:31	15.93	44.72	28.95	7.36	7.81	4.2	2.49	88.8
710	6/3/2010 22:46	15.98	44.89	29.08	7.34	7.81	5.1	2.45	88.7
711	6/3/2010 23:01	16.03	44.84	29.04	7.35	7.79	5.1	2.42	88.9
712	6/3/2010 23:16	16.14	44.57	28.85	7.39	7.81	4.6	2.40	89.5
713	6/3/2010 23:31	16.16	44.46	28.77	7.31	7.81	4.5	2.38	88.5
714	6/3/2010 23:46	15.86	45.14	29.26	6.67	7.78	3.3	2.36	80.6
715	6/4/2010 0:01	16.02	44.52	28.81	7.24	7.81	5.9	2.37	87.4
716	6/4/2010 0:16	15.89	45.00	29.16	7.29	7.81	4.2	2.37	88.0
717	6/4/2010 0:31	15.80	45.07	29.20	7.21	7.81	4.8	2.38	86.9
718	6/4/2010 0:46	15.77	45.06	29.19	7.32	7.81	3.8	2.40	88.2
719	6/4/2010 1:01	15.49	45.51	29.52	7.16	7.81	3.8	2.44	85.9
720	6/4/2010 1:16	15.66	45.35	29.40	7.24	7.80	4.5	2.46	87.1
721	6/4/2010 1:31	15.41	45.56	29.55	7.24	7.80	3.5	2.50	86.7
722	6/4/2010 1:46	15.33	45.68	29.63	7.26	7.80	3.3	2.55	86.9
723	6/4/2010 2:01	15.33	45.75	29.69	7.43	7.81	3.7	2.59	89.0
724	6/4/2010 2:16	15.36	45.48	29.49	7.48	7.83	3.7	2.63	89.5
725	6/4/2010 2:31	15.37	45.55	29.54	7.54	7.84	3.4	2.69	90.3
726	6/4/2010 2:46	15.31	45.30	29.36	7.55	7.83	3.2	2.73	90.2
727	6/4/2010 3:01	15.11	45.81	29.72	7.65	7.84	2.6	2.77	91.2
728	6/4/2010 3:16	14.95	46.13	29.95	7.70	7.85	2.6	2.82	91.7
729	6/4/2010 3:31	14.89	46.12	29.94	7.73	7.86	2.4	2.85	91.9
730	6/4/2010 3:46	14.75	46.52	30.23	7.81	7.87	2.1	2.89	92.8
731	6/4/2010 4:01	14.54	46.52	30.22	7.88	7.87	2.1	2.92	93.1
732	6/4/2010 4:16	14.43	46.67	30.33	7.91	7.88	2.1	2.96	93.4
733	6/4/2010 4:31	14.43	46.72	30.37	7.84	7.88	1.9	2.99	92.6
734	6/4/2010 4:46	14.50	46.71	30.36	7.77	7.87	1.6	3.01	91.9
735	6/4/2010 5:01	14.74	46.28	30.05	7.13	7.82	3.2	3.03	84.6
736	6/4/2010 5:16	14.81	46.19	29.99	7.28	7.83	2.4	3.04	86.4
737	6/4/2010 5:31	14.67	46.51	30.22	7.55	7.86	2.1	3.03	89.6
738	6/4/2010 5:46	14.60	46.53	30.23	7.59	7.85	2.1	3.04	89.8
739	6/4/2010 6:01	14.62	46.57	30.26	7.55	7.86	1.7	3.01	89.5
740	6/4/2010 6:16	14.68	46.54	30.24	7.66	7.85	2.3	2.97	90.9
741	6/4/2010 6:31	14.77	46.36	30.11	7.50	7.84	18.9	2.95	89.0

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	
742	6/4/2010 6:46	14.79	46.27	30.05	7.50	7.85	3.2	2.90	89.1
743	6/4/2010 7:01	14.84	46.21	30.01	7.61	7.85	3.8	2.83	90.4
744	6/4/2010 7:16	14.98	45.72	29.65	7.52	7.82	5.6	2.78	89.4
745	6/4/2010 7:31	15.09	45.33	29.37	7.44	7.81	4.6	2.72	88.5
746	6/4/2010 7:46	15.23	45.53	29.52	7.35	7.82	4.9	2.64	87.8
747	6/4/2010 8:01	15.35	45.17	29.27	7.19	7.80	5.2	2.59	85.9
748	6/4/2010 8:16	15.58	44.47	28.77	7.03	7.77	5.3	2.52	84.1
749	6/4/2010 8:31	15.62	44.60	28.86	7.02	7.77	4.9	2.44	84.1
750	6/4/2010 8:46	15.76	44.27	28.62	7.10	7.77	5.1	2.39	85.2
751	6/4/2010 9:01	15.73	44.65	28.90	7.09	7.77	5.4	2.32	85.2
752	6/4/2010 9:16	15.73	44.57	28.84	7.10	7.78	6.4	2.27	85.3
753	6/4/2010 9:31	15.87	44.21	28.58	7.10	7.77	6.3	2.20	85.4
754	6/4/2010 9:46	15.91	44.18	28.56	7.14	7.77	7.0	2.12	85.9
755	6/4/2010 10:01	15.93	44.12	28.52	7.12	7.77	6.8	2.07	85.7
756	6/4/2010 10:16	15.94	44.22	28.59	7.00	7.77	5.7	2.00	84.3
757	6/4/2010 10:31	15.93	44.45	28.76	7.01	7.77	5.6	1.94	84.5
758	6/4/2010 10:46	15.98	44.34	28.68	7.01	7.77	4.8	1.90	84.6
759	6/4/2010 11:01	16.12	43.85	28.33	7.45	7.80	5.1	1.87	89.9
760	6/4/2010 11:16	16.25	43.48	28.07	7.09	7.77	6.2	1.83	85.7
761	6/4/2010 11:31	16.19	43.13	27.82	7.31	7.78	8.5	1.82	88.0
762	6/4/2010 11:46	16.21	43.56	28.13	7.44	7.78	6.5	1.82	89.8
763	6/4/2010 12:01	16.33	43.60	28.15	7.41	7.78	5.4	1.82	89.7
764	6/4/2010 12:16	16.19	43.86	28.34	7.27	7.77	5.4	1.84	87.9
765	6/4/2010 12:31	16.31	43.67	28.20	7.33	7.77	5.4	1.89	88.7
766	6/4/2010 12:46	16.08	44.31	28.66	7.05	7.76	5.1	1.92	85.2
767	6/4/2010 13:01	16.04	44.13	28.53	7.00	7.76	5.7	1.96	84.5
768	6/4/2010 13:16	16.01	44.14	28.53	6.98	7.76	5.6	2.02	84.1
769	6/4/2010 13:31	15.97	44.12	28.52	6.93	7.75	5.4	2.07	83.4
770	6/4/2010 13:46	15.99	44.02	28.45	7.01	7.76	5.7	2.13	84.4
771	6/4/2010 14:01	15.93	43.93	28.39	6.98	7.75	5.4	2.20	84.0
772	6/4/2010 14:16	15.87	44.43	28.74	6.89	7.76	4.9	2.24	82.9
773	6/4/2010 14:31	15.69	44.39	28.71	7.00	7.76	4.6	2.32	83.9
774	6/4/2010 14:46	15.67	44.16	28.55	7.11	7.77	5.0	2.40	85.2
775	6/4/2010 15:01	15.62	44.21	28.58	7.23	7.78	5.1	2.44	86.5
776	6/4/2010 15:16	15.55	44.64	28.89	7.33	7.78	5.0	2.52	87.7
777	6/4/2010 15:31	15.60	44.35	28.68	7.57	7.80	5.2	2.58	90.6
778	6/4/2010 15:46	15.54	44.69	28.92	7.54	7.81	4.8	2.65	90.2
779	6/4/2010 16:01	15.55	44.46	28.76	7.73	7.82	4.5	2.71	92.5
780	6/4/2010 16:16	15.46	44.57	28.83	7.74	7.83	4.2	2.78	92.4
781	6/4/2010 16:31	15.35	45.10	29.22	7.69	7.83	4.3	2.85	91.9
782	6/4/2010 16:46	15.02	45.77	29.69	7.56	7.84	4.3	2.91	90.0
783	6/4/2010 17:01	15.00	45.51	29.50	7.73	7.85	4.3	2.97	91.8
784	6/4/2010 17:16	14.80	45.85	29.75	7.82	7.86	4.6	3.04	92.7
785	6/4/2010 17:31	14.77	45.98	29.84	7.93	7.87	3.7	3.09	94.0
786	6/4/2010 17:46	14.72	46.16	29.97	8.03	7.87	3.6	3.15	95.1
787	6/4/2010 18:01	14.67	46.17	29.98	8.09	7.88	3.4	3.20	95.8
788	6/4/2010 18:16	14.62	46.32	30.08	8.16	7.89	3.0	3.24	96.6
789	6/4/2010 18:31	14.57	46.25	30.03	8.19	7.90	2.7	3.27	96.8
790	6/4/2010 18:46	14.56	46.35	30.10	8.13	7.89	3.2	3.29	96.1
791	6/4/2010 19:01	14.63	46.38	30.12	8.09	7.88	3.0	3.29	95.8
792	6/4/2010 19:16	14.59	46.40	30.14	8.09	7.88	2.8	3.27	95.7
793	6/4/2010 19:31	14.60	46.34	30.09	8.20	7.89	2.9	3.26	97.0
794	6/4/2010 19:46	14.94	45.87	29.76	8.00	7.87	3.8	3.21	95.2

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	
795	6/4/2010 20:01	15.02	45.59	29.57	7.93	7.83	3.8	3.17	94.3
796	6/4/2010 20:16	14.98	45.88	29.77	7.89	7.85	4.3	3.12	93.8
797	6/4/2010 20:31	14.98	45.94	29.81	7.90	7.86	4.6	3.05	94.1
798	6/4/2010 20:46	15.02	45.66	29.62	7.87	7.86	6.3	2.98	93.6
799	6/4/2010 21:01	15.21	45.42	29.44	7.78	7.84	4.3	2.94	92.8
800	6/4/2010 21:16	15.52	44.90	29.07	7.86	7.84	5.2	2.87	94.2
801	6/4/2010 21:31	15.56	44.85	29.04	7.91	7.85	4.7	2.80	94.8
802	6/4/2010 21:46	15.72	44.77	28.99	8.16	7.86	4.9	2.75	98.1
803	6/4/2010 22:01	15.78	44.65	28.90	8.24	7.87	5.4	2.69	99.1
804	6/4/2010 22:16	15.78	44.54	28.82	8.16	7.87	5.6	2.64	98.1
805	6/4/2010 22:31	15.75	44.70	28.93	7.97	7.85	5.5	2.57	95.8
806	6/4/2010 22:46	15.80	44.22	28.59	7.77	7.81	5.3	2.51	93.4
807	6/4/2010 23:01	15.82	44.19	28.57	7.82	7.82	5.5	2.47	93.9
808	6/4/2010 23:16	15.90	44.09	28.50	7.77	7.83	5.6	2.42	93.5
809	6/4/2010 23:31	15.93	44.09	28.50	7.69	7.82	6.0	2.36	92.5
810	6/4/2010 23:46	15.95	43.92	28.38	7.63	7.81	5.8	2.32	91.7
811	6/5/2010 0:01	15.97	44.05	28.47	7.56	7.81	5.8	2.28	91.0
812	6/5/2010 0:16	16.01	43.91	28.37	7.53	7.80	6.0	2.25	90.7
813	6/5/2010 0:31	16.12	43.68	28.21	7.47	7.80	5.6	2.23	90.0
814	6/5/2010 0:46	16.12	43.75	28.26	7.17	7.78	5.4	2.21	86.4
815	6/5/2010 1:01	16.07	43.47	28.06	7.32	7.79	4.9	2.19	88.0
816	6/5/2010 1:16	16.06	43.84	28.32	7.44	7.80	5.2	2.21	89.7
817	6/5/2010 1:31	16.09	43.75	28.25	7.51	7.80	4.6	2.23	90.6
818	6/5/2010 1:46	16.13	43.69	28.22	7.49	7.79	5.6	2.24	90.4
819	6/5/2010 2:01	15.99	43.77	28.27	7.47	7.79	5.3	2.26	89.9
820	6/5/2010 2:16	16.10	43.67	28.20	7.52	7.80	5.9	2.29	90.6
821	6/5/2010 2:31	15.86	44.14	28.54	7.41	7.79	4.5	2.35	89.0
822	6/5/2010 2:46	15.81	44.19	28.57	7.36	7.79	5.3	2.37	88.4
823	6/5/2010 3:01	15.79	43.93	28.39	7.36	7.79	4.7	2.42	88.2
824	6/5/2010 3:16	15.76	44.19	28.57	7.35	7.79	4.2	2.45	88.1
825	6/5/2010 3:31	15.69	44.25	28.61	7.32	7.79	3.3	2.50	87.8
826	6/5/2010 3:46	15.57	44.49	28.78	7.31	7.80	3.4	2.53	87.5
827	6/5/2010 4:01	15.47	44.60	28.86	7.42	7.81	3.4	2.57	88.7
828	6/5/2010 4:16	15.46	44.59	28.85	7.50	7.81	3.3	2.61	89.6
829	6/5/2010 4:31	15.38	44.77	28.98	7.52	7.82	3.9	2.66	89.8
830	6/5/2010 4:46	15.40	44.78	28.99	7.49	7.82	3.8	2.69	89.4
831	6/5/2010 5:01	15.44	44.78	28.99	7.51	7.82	3.1	2.72	89.8
832	6/5/2010 5:16	15.40	44.97	29.12	7.53	7.82	3.2	2.77	90.0
833	6/5/2010 5:31	15.42	44.98	29.13	7.58	7.82	3.2	2.79	90.6
834	6/5/2010 5:46	15.36	45.18	29.28	7.58	7.83	3.1	2.82	90.6
835	6/5/2010 6:01	15.28	45.47	29.48	7.50	7.83	3.0	2.83	89.6
836	6/5/2010 6:16	15.21	45.57	29.55	7.44	7.83	2.3	2.86	88.8
837	6/5/2010 6:31	15.27	45.51	29.51	7.14	7.80	2.3	2.86	85.3
838	6/5/2010 6:46	15.26	45.36	29.40	7.07	7.81	2.8	2.85	84.4
839	6/5/2010 7:01	15.24	45.61	29.58	7.18	7.80	2.0	2.85	85.8
840	6/5/2010 7:16	15.25	45.48	29.48	7.16	7.80	3.4	2.82	85.5
841	6/5/2010 7:31	15.29	45.29	29.35	7.30	7.81	3.4	2.79	87.2
842	6/5/2010 7:46	15.36	44.78	28.98	7.18	7.78	5.1	2.76	85.7
843	6/5/2010 8:01	15.43	44.31	28.65	7.10	7.78	5.7	2.72	84.7
844	6/5/2010 8:16	15.46	44.52	28.80	7.19	7.78	6.9	2.66	85.9
845	6/5/2010 8:31	15.60	44.15	28.54	7.15	7.74	6.4	2.62	85.5
846	6/5/2010 8:46	15.57	44.36	28.69	7.20	7.77	5.7	2.56	86.1
847	6/5/2010 9:01	15.62	44.21	28.58	7.13	7.76	7.3	2.49	85.3

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	
848	6/5/2010 9:16	15.65	43.79	28.28	7.05	7.75	7.6	2.44	84.3
849	6/5/2010 9:31	15.73	43.95	28.39	6.89	7.73	6.0	2.38	82.5
850	6/5/2010 9:46	15.92	43.52	28.09	7.21	7.75	9.3	2.31	86.5
851	6/5/2010 10:01	15.93	43.53	28.09	7.17	7.75	8.7	2.25	86.1
852	6/5/2010 10:16	16.06	43.34	27.96	7.28	7.76	8.4	2.19	87.5
853	6/5/2010 10:31	16.14	43.43	28.03	7.39	7.76	9.0	2.12	89.0
854	6/5/2010 10:46	16.25	43.26	27.90	7.35	7.76	8.3	2.07	88.7
855	6/5/2010 11:01	16.32	43.09	27.79	7.32	7.76	8.9	2.02	88.4
856	6/5/2010 11:16	16.44	43.03	27.75	7.26	7.76	6.7	2.00	87.8
857	6/5/2010 11:31	16.46	42.97	27.70	7.31	7.76	8.1	1.94	88.5
858	6/5/2010 11:46	16.52	42.93	27.67	7.17	7.75	8.6	1.92	86.9
859	6/5/2010 12:01	16.49	42.88	27.64	7.28	7.76	7.4	1.93	88.1
860	6/5/2010 12:16	16.54	43.01	27.73	7.35	7.76	7.8	1.90	89.1
861	6/5/2010 12:31	16.66	42.80	27.58	7.42	7.76	7.8	1.90	90.1
862	6/5/2010 12:46	16.62	42.88	27.64	7.33	7.75	6.6	1.92	89.0
863	6/5/2010 13:01	16.75	42.52	27.39	7.32	7.75	8.6	1.94	88.9
864	6/5/2010 13:16	16.52	42.96	27.70	7.30	7.74	6.6	1.97	88.4
865	6/5/2010 13:31	16.46	42.94	27.68	7.17	7.74	7.4	1.99	86.8
866	6/5/2010 13:46	16.05	43.25	27.90	6.91	7.73	6.7	2.04	83.1
867	6/5/2010 14:01	16.01	43.46	28.05	6.84	7.73	6.2	2.08	82.2
868	6/5/2010 14:16	15.95	43.60	28.15	6.81	7.72	6.5	2.14	81.8
869	6/5/2010 14:31	15.91	43.59	28.14	6.92	7.73	5.8	2.19	83.0
870	6/5/2010 14:46	15.72	43.94	28.39	7.02	7.76	6.0	2.25	84.1
871	6/5/2010 15:01	15.64	43.86	28.33	7.12	7.77	5.7	2.32	85.1
872	6/5/2010 15:16	15.58	44.00	28.43	7.14	7.77	5.4	2.37	85.3
873	6/5/2010 15:31	15.61	44.05	28.46	7.16	7.77	4.9	2.44	85.6
874	6/5/2010 15:46	15.60	44.33	28.66	7.25	7.78	5.1	2.50	86.7
875	6/5/2010 16:01	15.63	44.42	28.73	7.39	7.79	4.7	2.56	88.6
876	6/5/2010 16:16	15.57	44.52	28.80	7.47	7.81	5.0	2.63	89.4
877	6/5/2010 16:31	15.46	44.52	28.80	7.55	7.82	5.1	2.69	90.1
878	6/5/2010 16:46	15.57	44.42	28.73	7.72	7.83	5.2	2.76	92.3
879	6/5/2010 17:01	15.59	44.28	28.63	7.87	7.84	4.6	2.83	94.1
880	6/5/2010 17:16	15.38	44.63	28.88	7.82	7.85	4.9	2.90	93.3
881	6/5/2010 17:31	15.23	44.86	29.04	7.92	7.86	4.8	2.97	94.3
882	6/5/2010 17:46	15.13	44.74	28.96	8.02	7.88	4.6	3.04	95.2
883	6/5/2010 18:01	14.98	45.11	29.22	8.06	7.83	4.3	3.09	95.6
884	6/5/2010 18:16	14.72	45.91	29.79	8.08	7.90	4.5	3.16	95.7
885	6/5/2010 18:31	14.54	46.00	29.85	8.21	7.92	4.0	3.22	96.8
886	6/5/2010 18:46	14.49	46.33	30.08	8.28	7.93	3.4	3.26	97.8
887	6/5/2010 19:01	14.47	46.11	29.93	8.27	7.93	3.4	3.29	97.5
888	6/5/2010 19:16	14.44	46.40	30.13	8.24	7.93	2.2	3.34	97.2
889	6/5/2010 19:31	14.54	46.22	30.00	8.10	7.92	2.5	3.35	95.6
890	6/5/2010 19:46	14.45	46.23	30.02	8.32	7.93	3.2	3.34	98.0
891	6/5/2010 20:01	14.42	46.26	30.03	8.40	7.94	3.0	3.34	98.9
892	6/5/2010 20:16	14.51	46.17	29.97	8.15	7.91	3.5	3.31	96.2
893	6/5/2010 20:31	14.75	45.80	29.71	7.99	7.89	4.0	3.27	94.6
894	6/5/2010 20:46	14.76	45.90	29.78	7.97	7.89	4.2	3.21	94.4
895	6/5/2010 21:01	14.85	45.67	29.62	7.92	7.88	4.6	3.16	93.9
896	6/5/2010 21:16	15.03	45.25	29.32	7.96	7.88	5.7	3.09	94.5
897	6/5/2010 21:31	15.18	45.25	29.32	7.85	7.86	5.4	3.01	93.5
898	6/5/2010 21:46	15.31	45.07	29.20	7.81	7.85	5.0	2.95	93.2
899	6/5/2010 22:01	15.89	44.41	28.73	8.34	7.89	5.4	2.88	100.4
900	6/5/2010 22:16	15.97	44.21	28.59	8.41	7.90	6.0	2.81	101.4

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	6/5/2010 22:31	15.95	44.11	28.51	8.31	7.88	6.1	2.74	100.0
902	6/5/2010 22:46	15.93	43.95	28.40	8.29	7.87	6.2	2.68	99.7
903	6/5/2010 23:01	15.95	43.86	28.34	7.95	7.84	6.5	2.61	95.6
904	6/5/2010 23:16	15.91	43.87	28.34	7.78	7.83	6.7	2.55	93.5
905	6/5/2010 23:31	16.01	43.40	28.01	7.69	7.81	9.6	2.49	92.4
906	6/5/2010 23:46	16.08	43.53	28.10	7.63	7.81	7.1	2.41	91.9
907	6/6/2010 0:01	16.08	43.56	28.12	7.68	7.81	7.7	2.33	92.5
908	6/6/2010 0:16	16.17	43.41	28.02	7.66	7.81	8.5	2.28	92.3
909	6/6/2010 0:31	16.28	43.11	27.80	7.64	7.81	8.5	2.23	92.2
910	6/6/2010 0:46	16.33	43.00	27.72	7.72	7.81	8.9	2.16	93.2
911	6/6/2010 1:01	16.54	42.73	27.53	7.69	7.81	8.2	2.12	93.1
912	6/6/2010 1:16	16.59	42.41	27.30	7.63	7.81	7.9	2.08	92.4
913	6/6/2010 1:31	16.71	42.10	27.08	7.63	7.80	7.0	2.06	92.4
914	6/6/2010 1:46	16.35	42.86	27.62	7.39	7.79	10.1	2.03	89.2
915	6/6/2010 2:01	16.47	42.71	27.52	7.54	7.79	10.1	2.03	91.2
916	6/6/2010 2:16	16.40	42.80	27.58	7.47	7.79	11.6	2.06	90.2
917	6/6/2010 2:31	16.41	42.91	27.66	7.40	7.79	11.6	2.06	89.4
918	6/6/2010 2:46	16.44	42.61	27.45	7.61	7.79	8.6	2.09	91.9
919	6/6/2010 3:01	16.24	43.22	27.88	7.35	7.78	9.8	2.12	88.7
920	6/6/2010 3:16	16.36	42.95	27.69	7.44	7.78	12.9	2.16	89.8
921	6/6/2010 3:31	16.33	42.83	27.60	7.46	7.79	10.9	2.21	90.0
922	6/6/2010 3:46	16.19	43.05	27.76	7.34	7.78	12.1	2.24	88.4
923	6/6/2010 4:01	16.19	43.10	27.79	7.37	7.78	9.0	2.29	88.8
924	6/6/2010 4:16	16.07	43.26	27.91	7.30	7.78	6.2	2.33	87.7
925	6/6/2010 4:31	15.92	43.51	28.08	7.31	7.79	6.3	2.38	87.7
926	6/6/2010 4:46	15.85	43.63	28.17	7.40	7.80	5.6	2.42	88.7
927	6/6/2010 5:01	15.80	43.72	28.23	7.46	7.81	5.1	2.46	89.4
928	6/6/2010 5:16	15.77	43.69	28.21	7.50	7.81	4.8	2.52	89.9
929	6/6/2010 5:31	15.68	44.00	28.43	7.54	7.82	4.1	2.54	90.3
930	6/6/2010 5:46	15.70	43.98	28.42	7.56	7.80	4.2	2.59	90.5
931	6/6/2010 6:01	15.61	44.21	28.58	7.58	7.83	4.0	2.64	90.6
932	6/6/2010 6:16	15.63	44.07	28.48	7.64	7.83	4.3	2.67	91.3
933	6/6/2010 6:31	15.61	44.30	28.65	7.62	7.83	3.7	2.70	91.2
934	6/6/2010 6:46	15.51	44.47	28.77	7.59	7.84	3.7	2.73	90.7
935	6/6/2010 7:01	15.41	44.82	29.01	7.57	7.84	3.1	2.76	90.4
936	6/6/2010 7:16	15.35	45.04	29.17	7.56	7.85	2.9	2.78	90.3
937	6/6/2010 7:31	15.31	45.06	29.18	7.15	7.83	2.7	2.80	85.3
938	6/6/2010 7:46	15.39	44.98	29.13	7.29	7.83	2.7	2.81	87.1
939	6/6/2010 8:01	15.37	45.01	29.15	7.01	7.82	3.4	2.81	83.8
940	6/6/2010 8:16	15.39	44.92	29.09	7.28	7.81	3.4	2.79	87.0
941	6/6/2010 8:31	15.50	44.48	28.77	7.34	7.82	4.6	2.78	87.8
942	6/6/2010 8:46	15.53	44.45	28.75	7.42	7.82	4.2	2.76	88.8
943	6/6/2010 9:01	15.45	44.74	28.96	7.35	7.82	4.3	2.73	87.9
944	6/6/2010 9:16	15.49	44.82	29.02	7.32	7.80	5.5	2.69	87.5
945	6/6/2010 9:31	15.54	44.40	28.72	7.35	7.82	6.0	2.64	87.8
946	6/6/2010 9:46	15.59	44.30	28.65	7.39	7.81	6.2	2.60	88.3
947	6/6/2010 10:01	15.71	44.15	28.54	7.32	7.79	10.7	2.54	87.7
948	6/6/2010 10:16	15.76	43.64	28.17	7.29	7.79	6.8	2.48	87.3
949	6/6/2010 10:31	15.92	43.57	28.12	7.14	7.77	6.8	2.44	85.7
950	6/6/2010 10:46	16.11	43.23	27.89	7.18	7.77	6.9	2.38	86.4
951	6/6/2010 11:01	16.14	42.96	27.69	7.15	7.76	6.2	2.33	85.9
952	6/6/2010 11:16	16.23	43.27	27.91	7.10	7.77	5.7	2.28	85.6
953	6/6/2010 11:31	16.30	43.12	27.81	7.06	7.76	6.0	2.23	85.2

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	
954	6/6/2010 11:46	16.68	42.66	27.48	7.38	7.77	6.9	2.19	89.6
955	6/6/2010 12:01	16.90	42.50	27.37	7.33	7.76	7.6	2.16	89.3
956	6/6/2010 12:16	16.91	42.25	27.19	7.31	7.76	7.9	2.12	89.0
957	6/6/2010 12:31	16.88	42.37	27.28	7.43	7.77	8.1	2.11	90.4
958	6/6/2010 12:46	16.85	42.52	27.39	7.55	7.78	7.5	2.11	91.9
959	6/6/2010 13:01	16.68	42.67	27.49	7.42	7.77	7.6	2.09	90.1
960	6/6/2010 13:16	16.91	42.35	27.26	7.54	7.78	6.9	2.08	91.9
961	6/6/2010 13:31	16.87	42.41	27.30	7.49	7.77	5.6	2.09	91.2
962	6/6/2010 13:46	16.90	42.30	27.23	7.56	7.78	6.5	2.12	92.0
963	6/6/2010 14:01	16.74	42.30	27.23	7.48	7.77	7.5	2.13	90.7
964	6/6/2010 14:16	16.72	42.45	27.33	7.41	7.77	5.7	2.15	89.9
965	6/6/2010 14:31	16.60	42.41	27.30	7.37	7.76	5.9	2.20	89.3
966	6/6/2010 14:46	16.40	42.93	27.67	7.18	7.75	6.3	2.24	86.8
967	6/6/2010 15:01	16.14	43.27	27.91	7.02	7.75	6.2	2.27	84.5
968	6/6/2010 15:16	16.10	43.21	27.87	7.04	7.76	5.9	2.33	84.6
969	6/6/2010 15:31	16.09	43.23	27.88	7.11	7.76	6.5	2.38	85.5
970	6/6/2010 15:46	16.09	43.22	27.88	7.28	7.76	6.7	2.44	87.5
971	6/6/2010 16:01	16.00	43.46	28.05	7.36	7.78	6.2	2.50	88.5
972	6/6/2010 16:16	15.89	43.40	28.01	7.42	7.80	5.7	2.56	89.0
973	6/6/2010 16:31	15.92	43.64	28.18	7.56	7.81	7.9	2.63	90.8
974	6/6/2010 16:46	15.87	43.88	28.35	7.74	7.81	5.8	2.70	92.9
975	6/6/2010 17:01	15.90	44.02	28.45	7.83	7.83	5.8	2.77	94.1
976	6/6/2010 17:16	15.85	43.92	28.37	7.91	7.84	5.2	2.83	95.0
977	6/6/2010 17:31	15.77	44.07	28.49	7.96	7.85	5.4	2.90	95.5
978	6/6/2010 17:46	15.67	44.24	28.60	8.03	7.86	5.8	2.98	96.2
979	6/6/2010 18:01	15.61	44.23	28.60	8.06	7.87	4.6	3.04	96.5
980	6/6/2010 18:16	15.27	44.75	28.96	8.02	7.88	4.4	3.10	95.4
981	6/6/2010 18:31	14.95	45.33	29.37	8.06	7.89	3.9	3.17	95.7
982	6/6/2010 18:46	14.78	45.65	29.60	8.10	7.90	3.7	3.24	95.9
983	6/6/2010 19:01	14.63	45.80	29.71	8.17	7.88	2.9	3.29	96.5
984	6/6/2010 19:16	14.33	46.07	29.90	8.06	7.91	2.6	3.34	94.7
985	6/6/2010 19:31	14.26	46.61	30.28	7.95	7.91	2.4	3.39	93.6
986	6/6/2010 19:46	14.16	46.79	30.41	7.90	7.88	2.4	3.43	92.8
987	6/6/2010 20:01	14.26	46.56	30.24	7.82	7.91	2.3	3.43	91.9
988	6/6/2010 20:16	14.20	46.63	30.29	7.60	7.89	2.0	3.44	89.3
989	6/6/2010 20:31	14.24	46.53	30.22	7.83	7.90	3.3	3.44	92.0
990	6/6/2010 20:46	14.31	46.12	29.93	8.03	7.91	3.1	3.41	94.3
991	6/6/2010 21:01	14.84	45.54	29.52	7.99	7.89	5.4	3.37	94.7
992	6/6/2010 21:16	14.93	45.47	29.48	8.19	7.90	7.8	3.32	97.1
993	6/6/2010 21:31	14.82	45.68	29.63	8.16	7.90	9.5	3.27	96.6
994	6/6/2010 21:46	14.83	45.55	29.53	8.13	7.89	10.7	3.20	96.3
995	6/6/2010 22:01	14.72	45.77	29.68	8.21	7.90	10.1	3.12	97.2
996	6/6/2010 22:16	14.88	45.54	29.53	8.23	7.90	10.1	3.04	97.6
997	6/6/2010 22:31	15.04	45.37	29.40	8.13	7.88	9.9	2.97	96.7
998	6/6/2010 22:46	15.24	45.16	29.26	8.05	7.86	9.9	2.90	95.9
999	6/6/2010 23:01	15.37	44.79	29.00	7.94	7.85	9.6	2.80	94.7
1000	6/6/2010 23:16	15.35	44.78	28.99	7.90	7.83	7.9	2.71	94.3
1001	6/6/2010 23:31	15.51	44.20	28.57	7.79	7.82	7.9	2.64	92.9
1002	6/6/2010 23:46	15.68	44.04	28.46	7.68	7.80	10.8	2.56	91.9
1003	6/7/2010 0:01	15.71	43.82	28.30	7.66	7.79	9.2	2.47	91.7
1004	6/7/2010 0:16	15.66	43.83	28.31	7.64	7.79	10.7	2.39	91.4
1005	6/7/2010 0:31	15.95	43.29	27.93	7.60	7.78	10.8	2.30	91.1
1006	6/7/2010 0:46	16.08	43.07	27.77	7.56	7.77	11.6	2.22	90.9

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	
1007	6/7/2010 1:01	16.05	43.08	27.78	7.56	7.77	10.7	2.13	90.8
1008	6/7/2010 1:16	16.16	42.90	27.65	7.53	7.77	10.7	2.05	90.5
1009	6/7/2010 1:31	16.24	42.82	27.59	7.49	7.76	10.1	1.99	90.2
1010	6/7/2010 1:46	16.28	42.76	27.55	7.48	7.76	10.0	1.93	90.1
1011	6/7/2010 2:01	16.37	42.70	27.51	7.43	7.76	9.3	1.88	89.7
1012	6/7/2010 2:16	16.43	42.59	27.43	7.40	7.76	9.3	1.84	89.3
1013	6/7/2010 2:31	16.47	42.65	27.47	7.26	7.75	9.0	1.82	87.7
1014	6/7/2010 2:46	16.40	42.67	27.49	7.10	7.74	8.4	1.82	85.8
1015	6/7/2010 3:01	16.29	42.76	27.55	7.30	7.74	14.0	1.81	87.9
1016	6/7/2010 3:16	16.27	42.80	27.58	7.35	7.76	11.7	1.83	88.6
1017	6/7/2010 3:31	16.30	42.70	27.51	7.40	7.76	8.5	1.86	89.2
1018	6/7/2010 3:46	16.41	42.69	27.50	7.43	7.77	7.9	1.89	89.7
1019	6/7/2010 4:01	16.37	42.75	27.54	7.36	7.77	11.0	1.93	88.9
1020	6/7/2010 4:16	16.32	42.76	27.55	7.29	7.76	11.7	1.97	87.9
1021	6/7/2010 4:31	16.33	42.60	27.44	7.36	7.74	9.6	2.03	88.7
1022	6/7/2010 4:46	16.30	42.58	27.42	7.30	7.76	10.7	2.08	87.9
1023	6/7/2010 5:01	16.34	42.68	27.49	7.31	7.77	11.9	2.11	88.1
1024	6/7/2010 5:16	16.30	42.72	27.52	7.31	7.76	9.1	2.17	88.1
1025	6/7/2010 5:31	16.25	42.88	27.63	7.23	7.76	8.7	2.23	87.1
1026	6/7/2010 5:46	16.11	43.02	27.73	7.25	7.77	6.7	2.27	87.1
1027	6/7/2010 6:01	16.01	43.22	27.88	7.25	7.78	6.8	2.32	87.1
1028	6/7/2010 6:16	15.79	43.66	28.19	7.35	7.81	6.4	2.38	88.1
1029	6/7/2010 6:31	15.88	43.57	28.12	7.39	7.80	5.6	2.43	88.7
1030	6/7/2010 6:46	15.73	43.91	28.36	7.44	7.82	4.9	2.47	89.1
1031	6/7/2010 7:01	15.58	44.33	28.67	7.46	7.83	5.4	2.53	89.2
1032	6/7/2010 7:16	15.55	44.49	28.78	7.41	7.83	6.1	2.56	88.7
1033	6/7/2010 7:31	15.56	44.44	28.75	7.48	7.83	6.2	2.62	89.5
1034	6/7/2010 7:46	15.44	44.76	28.97	7.51	7.80	5.4	2.66	89.7
1035	6/7/2010 8:01	15.40	44.60	28.86	7.48	7.84	5.7	2.69	89.3
1036	6/7/2010 8:16	15.37	44.70	28.93	7.50	7.84	5.1	2.73	89.5
1037	6/7/2010 8:31	15.48	44.26	28.62	7.53	7.83	5.3	2.75	89.8
1038	6/7/2010 8:46	15.41	44.17	28.55	7.39	7.82	5.0	2.78	88.1
1039	6/7/2010 9:01	15.36	44.64	28.88	7.18	7.82	4.2	2.79	85.6
1040	6/7/2010 9:16	15.22	44.72	28.94	7.22	7.83	4.8	2.79	85.9
1041	6/7/2010 9:31	15.43	44.49	28.78	7.23	7.80	7.4	2.79	86.2
1042	6/7/2010 9:46	15.37	44.67	28.91	7.34	7.82	5.9	2.76	87.6
1043	6/7/2010 10:01	15.34	44.68	28.91	7.40	7.82	8.9	2.75	88.2
1044	6/7/2010 10:16	15.40	44.79	29.00	7.38	7.80	9.7	2.71	88.1
1045	6/7/2010 10:31	15.51	44.44	28.74	7.49	7.82	9.9	2.68	89.5
1046	6/7/2010 10:46	15.64	44.28	28.63	7.64	7.82	12.1	2.63	91.4
1047	6/7/2010 11:01	15.84	44.20	28.58	7.62	7.82	13.8	2.57	91.5
1048	6/7/2010 11:16	16.32	43.75	28.26	8.14	7.83	18.9	2.53	98.6
1049	6/7/2010 11:31	16.42	43.60	28.15	8.12	7.84	15.6	2.47	98.5
1050	6/7/2010 11:46	16.61	43.76	28.27	8.79	7.89	17.0	2.42	107.1
1051	6/7/2010 12:01	16.53	43.34	27.97	8.46	7.85	15.5	2.36	102.7
1052	6/7/2010 12:16	16.63	43.25	27.91	8.36	7.85	13.2	2.31	101.6
1053	6/7/2010 12:31	16.77	43.38	28.00	8.60	7.89	13.2	2.27	104.8
1054	6/7/2010 12:46	16.80	43.22	27.88	8.46	7.86	12.8	2.24	103.2
1055	6/7/2010 13:01	16.91	43.26	27.91	8.58	7.87	14.8	2.19	104.9
1056	6/7/2010 13:16	17.00	43.16	27.85	8.54	7.89	16.1	2.16	104.5
1057	6/7/2010 13:31	17.15	43.11	27.81	8.63	7.94	12.9	2.14	105.9
1058	6/7/2010 13:46	16.59	43.19	27.86	7.97	7.83	9.2	2.13	96.8
1059	6/7/2010 14:01	16.72	43.24	27.90	8.09	7.83	9.3	2.12	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	DO%
			mS/cm		mg/L		NTU	meters	
1060	6/7/2010 14:16	16.92	43.26	27.91	8.42	7.86	10.6	2.12	102.9
1061	6/7/2010 14:31	16.82	43.01	27.73	8.23	7.81	9.5	2.15	100.3
1062	6/7/2010 14:46	16.78	42.92	27.67	8.22	7.82	8.7	2.17	100.1
1063	6/7/2010 15:01	16.58	43.36	27.98	8.08	7.81	8.9	2.20	98.2
1064	6/7/2010 15:16	16.41	43.16	27.84	7.84	7.82	9.0	2.23	94.9
1065	6/7/2010 15:31	16.59	43.32	27.96	8.06	7.80	8.1	2.27	97.9
1066	6/7/2010 15:46	16.53	43.39	28.00	7.92	7.79	7.8	2.32	96.1
1067	6/7/2010 16:01	16.69	43.32	27.95	8.06	7.80	8.5	2.36	98.2
1068	6/7/2010 16:16	16.32	43.44	28.04	7.80	7.81	7.5	2.42	94.4
1069	6/7/2010 16:31	16.11	43.74	28.25	7.60	7.77	7.2	2.48	91.7
1070	6/7/2010 16:46	15.88	43.84	28.32	7.54	7.82	7.7	2.53	90.6
1071	6/7/2010 17:01	15.75	44.23	28.60	7.59	7.82	6.7	2.59	91.0
1072	6/7/2010 17:16	15.55	44.48	28.78	7.66	7.84	6.3	2.65	91.7
1073	6/7/2010 17:31	15.43	44.61	28.87	7.78	7.85	7.1	2.72	92.9
1074	6/7/2010 17:46	15.43	44.92	29.09	7.89	7.82	7.0	2.79	94.3
1075	6/7/2010 18:01	15.45	45.02	29.16	7.98	7.84	7.1	2.85	95.4
1076	6/7/2010 18:16	15.64	44.56	28.84	8.23	7.88	8.5	2.93	98.6
1077	6/7/2010 18:31	15.30	45.12	29.23	8.22	7.89	7.0	2.99	98.1
1078	6/7/2010 18:46	14.77	45.68	29.62	8.16	7.90	5.8	3.06	96.6
1079	6/7/2010 19:01	14.91	45.58	29.55	8.27	7.91	5.6	3.13	98.2
1080	6/7/2010 19:16	14.61	45.94	29.81	8.29	7.87	4.9	3.18	97.9
1081	6/7/2010 19:31	14.41	45.98	29.83	8.28	7.92	4.3	3.26	97.4
1082	6/7/2010 19:46	14.21	46.46	30.17	8.30	7.87	3.7	3.31	97.5
1083	6/7/2010 20:01	14.07	46.40	30.13	8.40	7.88	4.1	3.36	98.4
1084	6/7/2010 20:16	13.93	46.59	30.26	8.39	7.93	3.8	3.39	98.0
1085	6/7/2010 20:31	13.81	46.92	30.49	8.32	7.88	3.5	3.42	97.1
1086	6/7/2010 20:46	14.03	46.57	30.25	8.14	7.92	3.3	3.45	95.2
1087	6/7/2010 21:01	14.10	46.49	30.19	8.06	7.92	4.3	3.46	94.4
1088	6/7/2010 21:16	14.06	46.57	30.24	8.13	7.91	3.2	3.44	95.2
1089	6/7/2010 21:31	14.09	46.56	30.24	8.12	7.91	3.9	3.42	95.2
1090	6/7/2010 21:46	14.95	45.19	29.28	8.31	7.91	6.2	3.38	98.5
1091	6/7/2010 22:01	14.92	45.42	29.44	8.34	7.90	7.0	3.32	98.9
1092	6/7/2010 22:16	14.94	45.32	29.37	8.34	7.90	7.8	3.25	98.9
1093	6/7/2010 22:31	14.78	45.27	29.32	8.18	7.81	7.6	3.17	96.6
1094	6/7/2010 22:46	15.19	45.22	29.30	8.11	7.89	9.5	3.09	96.6
1095	6/7/2010 23:01	15.13	45.26	29.33	8.32	7.90	7.0	3.01	99.0
1096	6/7/2010 23:16	14.96	45.56	29.54	8.34	7.91	6.3	2.91	99.0
1097	6/7/2010 23:31	15.05	45.53	29.52	8.34	7.88	6.2	2.82	99.2
1098	6/7/2010 23:46	15.63	44.55	28.83	8.21	7.88	7.3	2.73	98.4
1099	6/8/2010 0:01	15.80	44.40	28.72	8.14	7.87	7.8	2.65	97.8
1100	6/8/2010 0:16	15.83	44.37	28.70	8.08	7.86	7.3	2.55	97.2
1101	6/8/2010 0:31	16.18	43.75	28.26	7.98	7.83	9.3	2.44	96.4
1102	6/8/2010 0:46	16.47	43.58	28.14	7.94	7.81	12.0	2.35	96.3
1103	6/8/2010 1:01	16.64	43.37	27.99	7.95	7.82	11.4	2.26	96.7
1104	6/8/2010 1:16	16.66	43.36	27.99	7.94	7.83	10.7	2.16	96.7
1105	6/8/2010 1:31	16.76	43.31	27.95	7.92	7.81	10.7	2.05	96.6
1106	6/8/2010 1:46	16.78	43.17	27.85	7.88	7.82	10.4	1.97	96.0
1107	6/8/2010 2:01	16.95	42.81	27.59	7.81	7.81	10.7	1.88	95.3
1108	6/8/2010 2:16	16.99	42.90	27.66	7.72	7.78	10.3	1.79	94.4
1109	6/8/2010 2:31	17.03	42.51	27.38	7.65	7.79	10.4	1.71	93.5
1110	6/8/2010 2:46	17.10	42.46	27.34	7.63	7.79	10.7	1.65	93.3
1111	6/8/2010 3:01	17.14	42.61	27.45	7.56	7.78	10.1	1.61	92.6
1112	6/8/2010 3:16	17.19	42.46	27.34	7.45	7.75	8.5	1.59	91.2

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	
1113	6/8/2010 3:31	17.20	42.31	27.24	7.46	7.78	8.7	1.55	91.3
1114	6/8/2010 3:46	17.08	42.60	27.44	7.22	7.77	8.2	1.55	88.3
1115	6/8/2010 4:01	17.06	42.55	27.41	7.55	7.79	10.3	1.60	92.3
1116	6/8/2010 4:16	17.00	42.70	27.51	7.60	7.79	8.8	1.61	92.9
1117	6/8/2010 4:31	17.02	42.54	27.40	7.58	7.79	44.7	1.62	92.5
1118	6/8/2010 4:46	16.98	42.58	27.43	7.53	7.79	10.4	1.70	91.9
1119	6/8/2010 5:01	16.94	42.49	27.37	7.50	7.79	11.5	1.76	91.4
1120	6/8/2010 5:16	16.93	42.53	27.39	7.49	7.79	12.0	1.79	91.3
1121	6/8/2010 5:31	16.91	42.49	27.36	7.54	7.79	12.4	1.85	91.9
1122	6/8/2010 5:46	16.88	42.73	27.54	7.56	7.80	9.9	1.92	92.1
1123	6/8/2010 6:01	16.84	42.85	27.62	7.51	7.76	10.3	1.98	91.5
1124	6/8/2010 6:16	16.45	43.53	28.10	7.60	7.78	8.2	2.04	92.1
1125	6/8/2010 6:31	16.41	43.49	28.08	7.58	7.82	7.8	2.09	91.8
1126	6/8/2010 6:46	16.31	43.47	28.06	7.67	7.82	7.3	2.17	92.8
1127	6/8/2010 7:01	16.05	43.89	28.36	7.70	7.84	7.3	2.23	92.7
1128	6/8/2010 7:16	15.99	44.08	28.50	7.74	7.84	7.1	2.28	93.2
1129	6/8/2010 7:31	15.88	44.24	28.60	7.78	7.82	7.0	2.35	93.6
1130	6/8/2010 7:46	15.81	44.30	28.64	7.79	7.85	6.6	2.41	93.6
1131	6/8/2010 8:01	15.77	44.51	28.80	7.81	7.86	6.5	2.48	93.8
1132	6/8/2010 8:16	15.68	44.66	28.90	7.82	7.83	6.6	2.53	93.8
1133	6/8/2010 8:31	15.57	44.80	29.00	7.82	7.83	5.7	2.58	93.7
1134	6/8/2010 8:46	15.47	44.75	28.97	7.82	7.86	6.2	2.63	93.5
1135	6/8/2010 9:01	15.39	44.98	29.13	7.84	7.87	5.7	2.68	93.7
1136	6/8/2010 9:16	15.32	44.82	29.01	7.83	7.87	6.0	2.72	93.4
1137	6/8/2010 9:31	15.25	45.12	29.23	7.80	7.87	5.2	2.75	93.0
1138	6/8/2010 9:46	15.21	45.09	29.21	7.83	7.88	4.9	2.80	93.2
1139	6/8/2010 10:01	15.20	45.18	29.27	7.82	7.87	4.5	2.82	93.2
1140	6/8/2010 10:16	15.24	45.14	29.24	7.63	7.82	4.2	2.83	90.9
1141	6/8/2010 10:31	15.15	45.24	29.32	7.66	7.83	5.0	2.84	91.2
1142	6/8/2010 10:46	15.16	45.11	29.22	7.69	7.86	5.4	2.84	91.5
1143	6/8/2010 11:01	15.18	44.99	29.13	7.73	7.86	5.8	2.81	92.0
1144	6/8/2010 11:16	15.35	44.93	29.10	7.73	7.83	6.2	2.79	92.3
1145	6/8/2010 11:31	15.47	44.75	28.97	7.73	7.83	7.3	2.74	92.4
1146	6/8/2010 11:46	15.42	44.61	28.87	7.84	7.83	6.2	2.69	93.6
1147	6/8/2010 12:01	15.54	44.52	28.80	7.85	7.83	7.9	2.64	93.9
1148	6/8/2010 12:16	15.86	44.18	28.56	7.92	7.83	8.1	2.58	95.2
1149	6/8/2010 12:31	16.08	43.95	28.40	7.97	7.83	7.8	2.53	96.1
1150	6/8/2010 12:46	16.34	43.48	28.07	8.55	7.90	9.3	2.47	103.5
1151	6/8/2010 13:01	16.34	43.65	28.19	8.47	7.88	8.8	2.42	102.5
1152	6/8/2010 13:16	16.34	43.42	28.02	8.48	7.87	8.1	2.36	102.6
1153	6/8/2010 13:31	16.33	43.35	27.97	8.36	7.86	7.6	2.32	101.1
1154	6/8/2010 13:46	16.32	43.64	28.18	8.49	7.89	8.2	2.28	102.7
1155	6/8/2010 14:01	16.42	43.36	27.98	8.43	7.89	7.7	2.25	102.1
1156	6/8/2010 14:16	16.47	43.37	27.99	8.23	7.85	6.0	2.21	99.8
1157	6/8/2010 14:31	16.42	43.27	27.92	7.77	7.84	4.8	2.20	94.0
1158	6/8/2010 14:46	16.46	43.28	27.93	8.37	7.89	7.6	2.19	101.5
1159	6/8/2010 15:01	16.51	43.17	27.84	8.42	7.88	7.0	2.19	102.0
1160	6/8/2010 15:16	16.56	43.23	27.89	8.40	7.86	8.6	2.20	102.0
1161	6/8/2010 15:31	16.39	43.33	27.96	8.22	7.87	8.0	2.23	99.5
1162	6/8/2010 15:46	16.26	43.62	28.17	7.95	7.83	7.1	2.25	96.0
1163	6/8/2010 16:01	16.39	43.16	27.84	8.15	7.86	6.3	2.28	98.6
1164	6/8/2010 16:16	16.10	43.62	28.16	7.82	7.84	6.7	2.34	94.2
1165	6/8/2010 16:31	16.19	43.52	28.09	7.94	7.85	6.2	2.38	95.7

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	
1166	6/8/2010 16:46	16.13	43.55	28.11	7.93	7.85	7.0	2.43	95.6
1167	6/8/2010 17:01	16.01	43.60	28.15	7.95	7.86	6.3	2.48	95.6
1168	6/8/2010 17:16	15.85	43.91	28.37	7.94	7.86	5.8	2.55	95.3
1169	6/8/2010 17:31	15.94	43.77	28.27	8.06	7.86	7.5	2.62	96.9
1170	6/8/2010 17:46	15.96	43.78	28.28	8.21	7.88	6.9	2.67	98.8
1171	6/8/2010 18:01	15.78	44.09	28.50	8.17	7.88	6.2	2.74	98.0
1172	6/8/2010 18:16	15.61	44.71	28.94	8.32	7.86	7.9	2.82	99.8
1173	6/8/2010 18:31	15.55	44.57	28.84	8.38	7.91	8.4	2.88	100.3
1174	6/8/2010 18:46	15.39	44.54	28.82	8.49	7.87	7.3	2.96	101.2
1175	6/8/2010 19:01	15.09	44.47	28.76	8.54	7.92	6.5	3.03	101.2
1176	6/8/2010 19:16	14.92	44.75	28.96	8.53	7.88	5.8	3.10	100.9
1177	6/8/2010 19:31	14.73	44.78	28.97	8.59	7.93	5.6	3.18	101.2
1178	6/8/2010 19:46	14.59	45.37	29.39	8.45	7.93	4.8	3.25	99.5
1179	6/8/2010 20:01	14.14	46.11	29.92	8.22	7.93	5.1	3.32	96.3
1180	6/8/2010 20:16	13.85	46.81	30.42	8.27	7.93	4.1	3.38	96.6
1181	6/8/2010 20:31	13.42	47.57	30.95	8.16	7.86	4.3	3.44	94.7
1182	6/8/2010 20:46	13.36	47.23	30.70	8.17	7.93	4.0	3.49	94.6
1183	6/8/2010 21:01	13.34	47.53	30.92	8.19	7.94	3.6	3.53	94.9
1184	6/8/2010 21:16	13.34	47.38	30.81	8.19	7.94	3.2	3.56	94.9
1185	6/8/2010 21:31	13.34	47.47	30.88	8.14	7.94	2.6	3.58	94.4
1186	6/8/2010 21:46	13.39	47.52	30.91	8.08	7.93	3.5	3.57	93.7
1187	6/8/2010 22:01	13.36	47.58	30.96	8.12	7.87	3.1	3.55	94.2
1188	6/8/2010 22:16	13.41	47.52	30.92	8.00	7.86	3.8	3.52	92.8
1189	6/8/2010 22:31	13.48	47.25	30.72	8.05	7.92	4.8	3.46	93.4
1190	6/8/2010 22:46	13.84	46.86	30.45	7.99	7.91	5.0	3.39	93.3
1191	6/8/2010 23:01	13.89	46.72	30.35	8.05	7.91	5.1	3.32	94.0
1192	6/8/2010 23:16	14.04	46.57	30.24	8.08	7.91	5.7	3.22	94.6
1193	6/8/2010 23:31	14.58	45.78	29.69	7.91	7.89	6.5	3.12	93.3
1194	6/8/2010 23:46	14.68	45.70	29.64	7.85	7.88	5.9	3.03	92.8
1195	6/9/2010 0:01	14.87	45.41	29.43	7.81	7.82	5.7	2.92	92.5
1196	6/9/2010 0:16	14.98	45.24	29.31	7.79	7.87	5.2	2.82	92.5
1197	6/9/2010 0:31	15.17	44.85	29.03	7.75	7.86	6.0	2.71	92.2
1198	6/9/2010 0:46	15.23	44.91	29.08	7.69	7.85	6.0	2.61	91.5
1199	6/9/2010 1:01	15.37	44.76	28.97	7.67	7.80	7.4	2.50	91.5
1200	6/9/2010 1:16	15.37	44.61	28.87	7.63	7.79	6.7	2.39	91.0
1201	6/9/2010 1:31	15.74	43.45	28.04	7.60	7.82	8.3	2.27	90.8
1202	6/9/2010 1:46	15.89	43.54	28.11	7.56	7.82	8.7	2.16	90.6
1203	6/9/2010 2:01	15.86	43.49	28.07	7.55	7.77	8.4	2.05	90.5
1204	6/9/2010 2:16	15.89	43.34	27.96	7.50	7.81	8.2	1.94	89.8
1205	6/9/2010 2:31	16.10	42.81	27.59	7.47	7.80	8.5	1.83	89.6
1206	6/9/2010 2:46	16.16	42.85	27.62	7.41	7.79	8.6	1.71	89.0
1207	6/9/2010 3:01	16.27	42.69	27.50	7.36	7.79	9.0	1.61	88.6
1208	6/9/2010 3:16	16.32	42.57	27.42	7.29	7.78	8.7	1.54	87.9
1209	6/9/2010 3:31	16.38	42.30	27.22	7.24	7.78	9.5	1.47	87.2
1210	6/9/2010 3:46	16.40	42.41	27.30	7.26	7.78		1.40	87.5
1211	6/9/2010 4:01	16.42	42.47	27.35	7.08	7.72	9.2	1.37	85.4
1212	6/9/2010 4:16	16.37	42.52	27.38	7.10	7.78	7.0	1.37	85.6
1213	6/9/2010 4:31	16.30	42.57	27.42	7.12	7.78	9.2	1.36	85.7
1214	6/9/2010 4:46	16.28	42.49	27.36	7.24	7.78	8.1	1.39	87.1
1215	6/9/2010 5:01	16.21	42.81	27.58	7.22	7.79	10.0	1.43	86.9
1216	6/9/2010 5:16	16.24	42.63	27.46	7.28	7.79	7.8	1.47	87.6
1217	6/9/2010 5:31	16.19	42.77	27.56	7.22	7.79	8.8	1.53	86.9
1218	6/9/2010 5:46	16.18	42.80	27.58	7.22	7.74	8.4	1.59	86.8

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	
1219	6/9/2010 6:01	16.19	42.45	27.33	7.31	7.79	7.8	1.65	87.8
1220	6/9/2010 6:16	16.15	42.39	27.28	7.31	7.74	9.0	1.73	87.7
1221	6/9/2010 6:31	16.12	42.42	27.31	7.32	7.80	7.3	1.79	87.8
1222	6/9/2010 6:46	16.09	42.83	27.60	7.23	7.79	6.5	1.86	86.8
1223	6/9/2010 7:01	16.06	42.71	27.51	7.26	7.74	6.7	1.94	87.1
1224	6/9/2010 7:16	15.92	42.87	27.63	7.35	7.81	6.5	2.01	88.0
1225	6/9/2010 7:31	15.72	43.71	28.22	7.40	7.83	6.2	2.10	88.5
1226	6/9/2010 7:46	15.73	42.83	27.60	7.53	7.83	7.3	2.18	89.7
1227	6/9/2010 8:01	15.62	42.81	27.58	7.72	7.84	9.3	2.26	91.8
1228	6/9/2010 8:16	15.58	43.85	28.32	7.70	7.85	7.2	2.33	92.0
1229	6/9/2010 8:31	15.52	44.33	28.67	7.67	7.80	6.5	2.40	91.6
1230	6/9/2010 8:46	15.47	44.39	28.71	7.78	7.86	6.7	2.48	92.9
1231	6/9/2010 9:01	15.41	44.53	28.81	7.78	7.81	7.1	2.55	92.8
1232	6/9/2010 9:16	15.31	44.42	28.73	7.76	7.86	6.8	2.61	92.3
1233	6/9/2010 9:31	15.14	44.71	28.93	7.79	7.87	7.8	2.68	92.5
1234	6/9/2010 9:46	15.05	44.81	29.00	7.90	7.88	7.6	2.75	93.6
1235	6/9/2010 10:01	15.00	44.91	29.07	7.91	7.88	7.6	2.79	93.8
1236	6/9/2010 10:16	14.92	45.03	29.16	7.94	7.89	6.6	2.84	94.0
1237	6/9/2010 10:31	14.88	45.15	29.25	7.98	7.89	6.2	2.89	94.4
1238	6/9/2010 10:46	14.81	45.35	29.39	8.00	7.90	5.7	2.93	94.7
1239	6/9/2010 11:01	14.72	45.26	29.32	7.96	7.90	4.9	2.96	94.0
1240	6/9/2010 11:16	14.58	45.67	29.61	7.79	7.89	4.5	2.98	91.9
1241	6/9/2010 11:31	14.59	45.35	29.38	7.00	7.87	3.4	3.00	82.5
1242	6/9/2010 11:46	14.61	45.39	29.41	7.66	7.88	4.4	2.98	90.3
1243	6/9/2010 12:01	14.65	45.27	29.33	7.87	7.89	5.7	2.96	92.8
1244	6/9/2010 12:16	14.83	45.40	29.42	7.87	7.89	5.9	2.92	93.2
1245	6/9/2010 12:31	15.12	45.04	29.17	8.01	7.89	5.4	2.89	95.3
1246	6/9/2010 12:46	15.20	45.05	29.18	8.06	7.89	6.7	2.82	96.0
1247	6/9/2010 13:01	15.71	44.97	29.13	8.33	7.91	5.8	2.76	100.2
1248	6/9/2010 13:16	15.86	44.72	28.95	8.41	7.91	6.7	2.70	101.4
1249	6/9/2010 13:31	16.09	44.61	28.88	8.55	7.88	7.1	2.65	103.5
1250	6/9/2010 13:46	16.33	44.34	28.68	8.69	7.92	7.8	2.59	105.5
1251	6/9/2010 14:01	16.43	44.31	28.66	8.68	7.89	8.7	2.54	105.5
1252	6/9/2010 14:16	16.49	44.37	28.70	8.66	7.93	8.6	2.50	105.5
1253	6/9/2010 14:31	16.45	44.14	28.54	8.56	7.92	7.5	2.45	104.0
1254	6/9/2010 14:46	16.58	44.15	28.55	8.66	7.93	7.3	2.40	105.6
1255	6/9/2010 15:01	16.68	44.35	28.69	8.51	7.90	5.9	2.38	104.0
1256	6/9/2010 15:16	16.93	44.23	28.61	8.42	7.90	7.0	2.37	103.4
1257	6/9/2010 15:31	16.83	44.28	28.65	8.62	7.93	6.7	2.34	105.6
1258	6/9/2010 15:46	16.80	44.37	28.71	8.71	7.90	7.0	2.34	106.8
1259	6/9/2010 16:01	16.64	44.38	28.71	8.62	7.89	7.1	2.34	105.3
1260	6/9/2010 16:16	16.61	44.17	28.56	8.59	7.93	7.4	2.36	104.8
1261	6/9/2010 16:31	16.49	44.06	28.49	8.58	7.92	7.0	2.38	104.4
1262	6/9/2010 16:46	16.50	44.28	28.64	8.55	7.88	7.1	2.40	104.2
1263	6/9/2010 17:01	16.43	44.04	28.47	8.53	7.92	6.6	2.45	103.6
1264	6/9/2010 17:16	16.38	44.13	28.53	8.53	7.91	7.4	2.50	103.6
1265	6/9/2010 17:31	16.15	44.36	28.70	8.38	7.90	7.5	2.55	101.4
1266	6/9/2010 17:46	16.08	44.41	28.73	8.34	7.90	6.4	2.60	100.8
1267	6/9/2010 18:01	15.92	44.61	28.87	8.31	7.90	7.3	2.67	100.2
1268	6/9/2010 18:16	15.60	45.06	29.19	8.20	7.90	5.7	2.73	98.4
1269	6/9/2010 18:31	15.37	45.04	29.17	8.12	7.89	6.2	2.79	97.0
1270	6/9/2010 18:46	15.35	45.34	29.39	8.20	7.90	5.4	2.86	98.0
1271	6/9/2010 19:01	15.16	45.57	29.55	8.21	7.91	4.6	2.93	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	DO%
			mS/cm		mg/L		NTU	meters	
1272	6/9/2010 19:16	14.93	45.74	29.67	8.17	7.91	5.2	3.01	97.0
1273	6/9/2010 19:31	14.71	45.98	29.84	8.21	7.92	6.0	3.08	97.2
1274	6/9/2010 19:46	14.53	46.36	30.11	8.25	7.86	7.5	3.15	97.5
1275	6/9/2010 20:01	14.33	46.44	30.16	8.31	7.93	7.1	3.23	97.8
1276	6/9/2010 20:16	14.26	46.75	30.38	8.37	7.87	6.9	3.31	98.5
1277	6/9/2010 20:31	14.10	46.93	30.51	8.44	7.95	6.6	3.39	99.2
1278	6/9/2010 20:46	14.03	47.22	30.72	8.49	7.89	7.0	3.46	99.7
1279	6/9/2010 21:01	13.93	47.35	30.81	8.66	7.90	5.9	3.53	101.5
1280	6/9/2010 21:16	13.80	47.44	30.87	8.69	7.91	5.7	3.58	101.6
1281	6/9/2010 21:31	13.69	47.57	30.96	8.76	7.99	4.3	3.64	102.3
1282	6/9/2010 21:46	13.66	47.58	30.97	8.74	7.99	3.9	3.67	102.0
1283	6/9/2010 22:01	13.62	47.69	31.04	8.75	7.92	3.4	3.70	102.0
1284	6/9/2010 22:16	13.65	47.40	30.83	8.56	7.98	2.7	3.72	99.8
1285	6/9/2010 22:31	13.64	47.44	30.86	8.61	7.98	2.8	3.72	100.3
1286	6/9/2010 22:46	13.67	47.58	30.97	8.68	7.98	3.7	3.68	101.3
1287	6/9/2010 23:01	13.79	47.44	30.87	8.59	7.90	4.8	3.63	100.4
1288	6/9/2010 23:16	14.00	47.14	30.66	8.48	7.89	8.5	3.58	99.4
1289	6/9/2010 23:31	13.97	47.17	30.68	8.51	7.89	8.8	3.50	99.8
1290	6/9/2010 23:46	14.32	46.62	30.29	8.34	7.88	9.6	3.40	98.3
1291	6/10/2010 0:01	14.75	46.18	29.98	8.25	7.87	10.5	3.30	97.8
1292	6/10/2010 0:16	14.96	45.73	29.66	8.27	7.88	12.0	3.20	98.3
1293	6/10/2010 0:31	15.20	45.60	29.57	8.18	7.87	8.9	3.10	97.6
1294	6/10/2010 0:46	15.28	45.53	29.52	7.99	7.91	9.0	2.99	95.5
1295	6/10/2010 1:01	15.35	45.23	29.31	8.05	7.85	7.4	2.88	96.2
1296	6/10/2010 1:16	15.46	45.09	29.21	8.02	7.84	9.0	2.76	96.0
1297	6/10/2010 1:31	15.18	45.48	29.49	7.90	7.83	8.7	2.64	94.2
1298	6/10/2010 1:46	15.50	44.85	29.04	8.01	7.84	10.4	2.52	95.9
1299	6/10/2010 2:01	15.37	44.95	29.11	8.02	7.83	13.7	2.37	95.8
1300	6/10/2010 2:16	15.80	44.31	28.65	8.03	7.83	15.6	2.25	96.5
1301	6/10/2010 2:31	15.54	44.36	28.69	8.01	7.82	14.1	2.12	95.8
1302	6/10/2010 2:46	15.84	43.85	28.33	8.00	7.86	16.2	1.99	96.0
1303	6/10/2010 3:01	15.90	43.74	28.25	7.94	7.81	16.9	1.85	95.4
1304	6/10/2010 3:16	15.89	43.56	28.12	7.91	7.84	16.6	1.73	94.9
1305	6/10/2010 3:31	16.05	43.41	28.01	7.85	7.79	18.4	1.61	94.4
1306	6/10/2010 3:46	16.18	43.25	27.90	7.80	7.78	42.2	1.49	94.0
1307	6/10/2010 4:01	16.33	42.78	27.57	7.75	7.81	19.3	1.38	93.5
1308	6/10/2010 4:16	16.37	42.71	27.52	7.72	7.77	20.3	1.28	93.2
1309	6/10/2010 4:31	16.40	42.56	27.41	7.66	7.76	19.2	1.23	92.4
1310	6/10/2010 4:46	16.40	42.32	27.23	7.62	7.80	20.7	1.18	91.8
1311	6/10/2010 5:01	16.42	42.36	27.26	7.47	7.79	18.9	1.17	90.0
1312	6/10/2010 5:16	16.37	42.17	27.13	7.65	7.80	18.2	1.21	92.1
1313	6/10/2010 5:31	16.32	42.55	27.40	7.59	7.80	15.9	1.23	91.5
1314	6/10/2010 5:46	16.37	42.63	27.46	7.62	7.76	14.3	1.29	91.9
1315	6/10/2010 6:01	16.36	42.57	27.42	7.65	7.76	13.5	1.34	92.2
1316	6/10/2010 6:16	16.36	42.57	27.42	7.64	7.81	13.1	1.41	92.1
1317	6/10/2010 6:31	16.35	42.73	27.53	7.64	7.76	13.4	1.48	92.2
1318	6/10/2010 6:46	16.26	42.43	27.31	7.70	7.78	12.2	1.53	92.6
1319	6/10/2010 7:01	16.28	42.36	27.27	7.69	7.83	13.2	1.61	92.5
1320	6/10/2010 7:16	16.28	42.30	27.22	7.68	7.83	12.4	1.66	92.3
1321	6/10/2010 7:31	16.30	42.62	27.45	7.61	7.77	12.5	1.73	91.7
1322	6/10/2010 7:46	16.29	42.83	27.60	7.57	7.77	11.1	1.82	91.2
1323	6/10/2010 8:01	16.25	42.72	27.52	7.59	7.78	11.3	1.89	91.3
1324	6/10/2010 8:16	16.10	43.03	27.74	7.64	7.84	10.4	1.98	91.8

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	
1325	6/10/2010 8:31	16.02	43.19	27.85	7.76	7.86	10.4	2.08	93.2
1326	6/10/2010 8:46	15.94	43.44	28.04	7.78	7.81	11.0	2.18	93.3
1327	6/10/2010 9:01	15.87	43.51	28.08	7.83	7.87	10.7	2.26	93.9
1328	6/10/2010 9:16	15.82	43.51	28.08	7.87	7.87	9.3	2.35	94.3
1329	6/10/2010 9:31	15.75	43.46	28.05	7.89	7.88	9.2	2.44	94.3
1330	6/10/2010 9:46	15.68	44.01	28.44	7.87	7.82	8.3	2.52	94.2
1331	6/10/2010 10:01	15.57	44.26	28.62	7.82	7.88	9.0	2.59	93.5
1332	6/10/2010 10:16	15.59	43.75	28.25	7.90	7.88	8.2	2.66	94.3
1333	6/10/2010 10:31	15.50	44.23	28.59	7.90	7.88	9.0	2.73	94.3
1334	6/10/2010 10:46	15.45	44.18	28.56	7.97	7.89	8.1	2.79	95.0
1335	6/10/2010 11:01	15.34	44.56	28.83	7.94	7.89	7.4	2.84	94.6
1336	6/10/2010 11:16	15.05	44.97	29.11	7.96	7.90	8.1	2.89	94.5
1337	6/10/2010 11:31	14.93	45.18	29.26	8.03	7.85	6.8	2.93	95.1
	Mean	15.24	45.38	29.41	7.85	7.87	6.2	2.53	93.6
	Minimum	12.31	42.10	27.08	6.38	7.72	0.8	0.89	77.9
	Maximum	17.20	48.74	31.76	9.31	8.09	44.7	3.91	114.1

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	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
0	6/10/2010 12:01	15.15	45.78	29.70	8.20	7.84	4.8	2.93	97.8
1	6/10/2010 12:16	15.14	45.69	29.63	8.11	7.85	5.1	2.94	96.8
2	6/10/2010 12:31	14.91	46.00	29.86	8.00	7.86	5.3	2.93	95.1
3	6/10/2010 12:46	14.97	45.80	29.71	7.99	7.85	5.1	2.91	95.0
4	6/10/2010 13:01	15.21	45.57	29.55	8.02	7.85	6.1	2.88	95.7
5	6/10/2010 13:16	15.50	45.32	29.37	8.06	7.87	7.4	2.82	96.6
6	6/10/2010 13:31	15.55	45.25	29.32	8.04	7.88	9.3	2.77	96.5
7	6/10/2010 13:46	16.28	45.11	29.23	8.50	7.92	11.6	2.72	103.5
8	6/10/2010 14:01	16.54	45.16	29.28	8.75	7.94	11.5	2.66	107.1
9	6/10/2010 14:16	16.63	45.14	29.26	8.86	7.91	12.3	2.59	108.6
10	6/10/2010 14:31	16.78	45.08	29.22	8.95	7.96	13.7	2.53	109.9
11	6/10/2010 14:46	16.89	44.90	29.09	8.91	7.96	14.4	2.48	109.7
12	6/10/2010 15:01	16.94	44.60	28.88	8.87	7.95	15.1	2.42	109.1
13	6/10/2010 15:16	17.18	44.62	28.89	8.97	7.97	16.2	2.37	110.9
14	6/10/2010 15:31	17.29	44.18	28.58	9.05	7.93	15.4	2.31	111.9
15	6/10/2010 15:46	17.45	44.16	28.56	8.99	7.97	17.8	2.28	111.5
16	6/10/2010 16:01	17.49	43.88	28.36	8.80	7.92	16.5	2.26	109.1
17	6/10/2010 16:16	17.38	44.01	28.45	8.60	7.89	13.0	2.23	106.4
18	6/10/2010 16:31	16.93	44.02	28.46	8.33	7.86	7.5	2.23	102.2
19	6/10/2010 16:46	16.91	43.97	28.42	8.48	7.86	8.9	2.22	104.0
20	6/10/2010 17:01	17.28	43.89	28.37	8.71	7.93	11.0	2.26	107.5
21	6/10/2010 17:16	17.24	43.71	28.24	8.64	7.91	11.2	2.28	106.5
22	6/10/2010 17:31	17.23	43.77	28.28	8.59	7.88	10.4	2.30	105.9
23	6/10/2010 17:46	17.03	44.10	28.52	8.57	7.92	9.5	2.36	105.4
24	6/10/2010 18:01	17.08	43.94	28.40	8.62	7.92	9.3	2.41	106.0
25	6/10/2010 18:16	17.07	43.92	28.39	8.70	7.92	8.9	2.47	107.0
26	6/10/2010 18:31	16.99	44.01	28.45	8.68	7.92	9.5	2.52	106.6
27	6/10/2010 18:46	16.96	43.99	28.44	8.68	8.09	8.2	2.59	106.5
28	6/10/2010 19:01	16.70	44.22	28.60	8.48	7.91	8.7	2.67	103.6
29	6/10/2010 19:16	16.35	44.76	28.98	8.42	7.86	9.0	2.74	102.4
30	6/10/2010 19:31	16.06	45.06	29.19	8.43	7.90	9.4	2.81	102.2
31	6/10/2010 19:46	15.89	45.35	29.40	8.49	7.91	8.7	2.88	102.7
32	6/10/2010 20:01	15.72	45.38	29.43	8.53	7.89	8.9	2.97	102.8
33	6/10/2010 20:16	15.57	45.55	29.54	8.53	7.93	7.9	3.05	102.5
34	6/10/2010 20:31	15.43	45.71	29.66	8.57	7.93	6.5	3.12	102.8
35	6/10/2010 20:46	15.17	46.05	29.90	8.59	7.94	5.7	3.20	102.6
36	6/10/2010 21:01	14.59	46.82	30.44	8.52	7.93	7.4	3.29	100.9
37	6/10/2010 21:16	14.47	47.00	30.56	8.64	7.94	11.2	3.37	102.2
38	6/10/2010 21:31	14.37	47.13	30.66	8.76	7.96	9.2	3.44	103.6
39	6/10/2010 21:46	14.30	47.22	30.73	8.83	7.96	7.4	3.52	104.2
40	6/10/2010 22:01	14.22	47.32	30.80	8.83	7.97	6.3	3.58	104.1
41	6/10/2010 22:16	14.08	47.52	30.93	8.85	7.97	5.4	3.63	104.1
42	6/10/2010 22:31	13.92	47.71	31.07	8.87	7.97	4.5	3.66	104.2
43	6/10/2010 22:46	13.87	47.79	31.12	8.83	7.97	3.1	3.69	103.6
44	6/10/2010 23:01	13.87	47.81	31.14	8.49	7.95	4.4	3.71	99.6
45	6/10/2010 23:16	13.91	47.77	31.11	8.64	7.96	5.2	3.68	101.4
46	6/10/2010 23:31	14.08	47.52	30.93	8.65	7.96	6.6	3.64	101.8
47	6/10/2010 23:46	14.04	47.44	30.88	8.74	7.96	15.4	3.59	102.7
48	6/11/2010 0:01	14.00	47.52	30.93	8.75	7.96	13.5	3.51	102.8
49	6/11/2010 0:16	14.17	47.25	30.74	8.69	8.16	14.5	3.42	102.4
50	6/11/2010 0:31	14.31	47.02	30.58	8.66	7.95	16.0	3.32	102.1
51	6/11/2010 0:46	14.43	46.83	30.45	8.57	7.94	18.0	3.22	101.2
52	6/11/2010 1:01	14.29	47.00	30.56	8.57	7.94	18.9	3.11	101.0

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	
53	6/11/2010 1:16	14.71	46.39	30.13	8.38	7.92	24.2	3.00	99.4
54	6/11/2010 1:31	14.30	46.98	30.55	8.50	7.94	20.4	2.87	100.2
55	6/11/2010 1:46	15.00	45.92	29.80	8.37	7.91	16.5	2.74	99.6
56	6/11/2010 2:01	15.58	45.09	29.21	8.23	7.89	22.4	2.62	98.8
57	6/11/2010 2:16	15.58	45.02	29.16	8.18	7.88	22.6	2.49	98.1
58	6/11/2010 2:31	15.56	44.97	29.13	8.17	7.88	20.0	2.35	97.9
59	6/11/2010 2:46	15.56	44.84	29.03	8.10	7.87	20.3	2.22	97.1
60	6/11/2010 3:01	15.97	44.35	28.69	8.05	8.05	23.3	2.08	97.0
61	6/11/2010 3:16	16.00	44.07	28.49	7.98	7.86	24.3	1.93	96.1
62	6/11/2010 3:31	15.94	44.09	28.50	7.93	7.85	23.1	1.79	95.4
63	6/11/2010 3:46	16.12	43.82	28.31	7.86	7.84	25.8	1.63	94.8
64	6/11/2010 4:01	16.23	43.68	28.21	7.86	7.84	25.1	1.48	94.9
65	6/11/2010 4:16	16.28	43.66	28.19	7.85	7.84	26.1	1.35	94.9
66	6/11/2010 4:31	16.40	43.33	27.96	7.80	7.82	27.3	1.22	94.4
67	6/11/2010 4:46	16.43	43.14	27.82	7.74	7.82	28.4	1.10	93.6
68	6/11/2010 5:01	16.41	43.01	27.73	7.72	7.83	26.6	1.00	93.3
69	6/11/2010 5:16	16.43	42.79	27.58	7.64	7.82	22.8	0.93	92.3
70	6/11/2010 5:31	16.43	42.61	27.45	7.62	7.83	19.7	0.92	92.0
71	6/11/2010 5:46	16.38	42.60	27.44	7.50	7.81	14.6	0.91	90.4
72	6/11/2010 6:01	16.37	42.82	27.60	7.64	7.82	20.6	0.96	92.2
73	6/11/2010 6:16	16.36	43.02	27.74	7.68	7.82	17.5	1.01	92.8
74	6/11/2010 6:31	16.36	42.98	27.71	7.69	7.82	16.7	1.07	92.8
75	6/11/2010 6:46	16.36	43.01	27.73	7.67	7.80	16.8	1.13	92.6
76	6/11/2010 7:01	16.30	42.66	27.48	7.70	7.81	16.7	1.18	92.7
77	6/11/2010 7:16	16.35	42.91	27.66	7.63	7.81	16.6	1.24	92.1
78	6/11/2010 7:31	16.27	42.51	27.37	7.65	7.80	16.6	1.30	92.1
79	6/11/2010 7:46	16.29	42.93	27.67	7.60	7.80	17.9	1.36	91.6
80	6/11/2010 8:01	16.29	42.91	27.66	7.60	7.79	18.0	1.43	91.6
81	6/11/2010 8:16	16.27	42.93	27.68	7.61	7.79	16.3	1.51	91.7
82	6/11/2010 8:31	16.19	43.24	27.89	7.60	7.80	15.8	1.62	91.6
83	6/11/2010 8:46	16.09	43.42	28.02	7.71	7.79	14.5	1.71	92.8
84	6/11/2010 9:01	15.90	43.84	28.32	7.82	7.81	12.6	1.80	93.9
85	6/11/2010 9:16	15.87	44.05	28.47	7.88	7.85	12.8	1.92	94.7
86	6/11/2010 9:31	15.87	43.92	28.38	7.92	7.85	13.5	2.02	95.1
87	6/11/2010 9:46	15.82	43.82	28.30	7.98	7.85	13.1	2.12	95.7
88	6/11/2010 10:01	15.73	44.46	28.76	7.96	8.04	13.4	2.22	95.5
89	6/11/2010 10:16	15.68	44.44	28.75	7.97	7.86	12.2	2.33	95.6
90	6/11/2010 10:31	15.65	44.33	28.67	8.00	7.86	11.4	2.42	95.9
91	6/11/2010 10:46	15.58	44.60	28.86	8.02	7.86	12.9	2.51	96.1
92	6/11/2010 11:01	15.59	44.63	28.88	8.02	7.87	12.8	2.57	96.1
93	6/11/2010 11:16	15.47	45.03	29.16	8.06	7.87	12.5	2.65	96.5
94	6/11/2010 11:31	15.29	45.39	29.42	8.04	7.87	15.1	2.72	96.0
95	6/11/2010 11:46	15.16	45.38	29.41	8.09	7.85	12.8	2.77	96.3
96	6/11/2010 12:01	14.93	45.77	29.69	8.20	7.89	14.4	2.83	97.4
97	6/11/2010 12:16	14.82	45.90	29.79	8.26	8.08	7.9	2.86	97.9
98	6/11/2010 12:31	14.91	45.90	29.78	8.26	7.89	6.7	2.90	98.2
99	6/11/2010 12:46	14.82	45.99	29.85	8.21	7.89	6.0	2.92	97.5
100	6/11/2010 13:01	14.96	45.88	29.77	8.12	7.89	6.4	2.93	96.6
101	6/11/2010 13:16	15.20	45.73	29.67	8.18	7.90	7.1	2.93	97.7
102	6/11/2010 13:31	15.27	45.62	29.59	8.29	7.90	10.3	2.91	99.1
103	6/11/2010 13:46	15.43	45.48	29.49	8.30	7.90	12.3	2.88	99.5
104	6/11/2010 14:01	15.70	45.38	29.43	8.47	7.91	15.3	2.82	102.0
105	6/11/2010 14:16	15.99	45.52	29.52	8.86	7.94	17.5	2.77	107.3

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	
106	6/11/2010 14:31	16.00	45.61	29.59	8.93	7.95	15.7	2.71	108.3
107	6/11/2010 14:46	16.11	45.26	29.34	8.88	7.93	19.9	2.63	107.7
108	6/11/2010 15:01	16.34	45.53	29.54	8.98	7.96	19.4	2.57	109.6
109	6/11/2010 15:16	16.59	45.44	29.48	8.95	7.98	19.5	2.50	109.8
110	6/11/2010 15:31	16.50	44.95	29.12	8.74	7.92	23.2	2.43	106.8
111	6/11/2010 15:46	16.70	45.08	29.22	8.74	7.94	23.6	2.38	107.3
112	6/11/2010 16:01	16.72	44.91	29.10	8.76	7.93	22.7	2.32	107.4
113	6/11/2010 16:16	16.94	44.50	28.80	8.63	7.92	24.0	2.27	106.2
114	6/11/2010 16:31	17.15	44.43	28.75	8.70	7.94	23.6	2.22	107.4
115	6/11/2010 16:46	17.37	44.31	28.67	8.70	7.96	22.8	2.19	107.8
116	6/11/2010 17:01	17.31	44.12	28.53	8.48	7.91	21.4	2.17	104.8
117	6/11/2010 17:16	17.28	44.07	28.50	8.39	7.90	17.5	2.16	103.7
118	6/11/2010 17:31	17.20	44.00	28.45	8.08	7.87	13.2	2.15	99.6
119	6/11/2010 17:46	17.10	44.17	28.57	8.38	7.89	15.7	2.17	103.3
120	6/11/2010 18:01	17.04	44.12	28.54	8.45	7.88	15.5	2.21	103.9
121	6/11/2010 18:16	17.12	43.97	28.43	8.41	7.89	14.2	2.23	103.6
122	6/11/2010 18:31	16.96	44.12	28.53	8.23	7.83	17.2	2.28	101.1
123	6/11/2010 18:46	16.92	44.14	28.54	8.24	7.87	15.0	2.33	101.1
124	6/11/2010 19:01	16.94	44.08	28.50	8.36	7.88	15.2	2.41	102.6
125	6/11/2010 19:16	17.17	43.68	28.22	8.47	7.88	13.9	2.48	104.2
126	6/11/2010 19:31	16.85	44.05	28.48	8.28	7.87	12.5	2.54	101.4
127	6/11/2010 19:46	16.41	44.60	28.87	8.19	7.87	15.4	2.63	99.7
128	6/11/2010 20:01	16.16	44.89	29.08	8.19	7.86	14.3	2.69	99.3
129	6/11/2010 20:16	15.13	46.18	29.99	8.07	7.86	15.8	2.77	96.4
130	6/11/2010 20:31	14.80	46.51	30.22	8.07	7.86	17.0	2.84	95.9
131	6/11/2010 20:46	14.92	46.34	30.10	7.97	7.86	13.9	2.93	94.9
132	6/11/2010 21:01	14.29	47.09	30.63	8.10	7.86	14.5	3.02	95.5
133	6/11/2010 21:16	15.24	45.90	29.79	8.57	8.09	18.4	3.11	102.5
134	6/11/2010 21:31	14.75	46.39	30.13	8.37	7.89	8.3	3.20	99.4
135	6/11/2010 21:46	13.95	47.32	30.78	8.02	7.85	8.4	3.28	94.0
136	6/11/2010 22:01	12.80	48.70	31.74	7.70	7.82	13.6	3.36	88.7
137	6/11/2010 22:16	12.83	48.72	31.77	7.80	7.83	11.8	3.44	89.9
138	6/11/2010 22:31	12.89	48.70	31.75	7.88	7.84	12.6	3.52	91.0
139	6/11/2010 22:46	12.73	49.00	31.96	7.99	7.84	9.8	3.59	92.1
140	6/11/2010 23:01	12.68	48.92	31.90	7.98	7.84	6.7	3.62	91.7
141	6/11/2010 23:16	12.65	49.15	32.07	7.93	7.85	5.9	3.67	91.3
142	6/11/2010 23:31	12.62	49.21	32.11	7.86	7.85	3.4	3.70	90.4
143	6/11/2010 23:46	12.76	49.02	31.98	7.87	7.84	7.1	3.70	90.7
144	6/12/2010 0:01	12.68	49.15	32.07	7.80	7.84	5.4	3.67	89.9
145	6/12/2010 0:16	12.75	49.07	32.01	7.87	8.06	6.4	3.64	90.7
146	6/12/2010 0:31	13.03	48.65	31.72	7.86	7.85	8.4	3.58	91.0
147	6/12/2010 0:46	13.82	47.57	30.96	7.81	7.86	12.8	3.48	91.5
148	6/12/2010 1:01	13.85	47.45	30.88	7.78	7.85	14.8	3.39	91.1
149	6/12/2010 1:16	14.14	47.04	30.59	7.79	7.85	12.4	3.29	91.6
150	6/12/2010 1:31	13.90	47.39	30.83	7.77	7.85	15.8	3.17	91.0
151	6/12/2010 1:46	14.09	47.11	30.64	7.77	8.05	15.7	3.06	91.2
152	6/12/2010 2:01	14.53	46.51	30.22	7.76	7.84	12.1	2.94	91.7
153	6/12/2010 2:16	14.73	46.24	30.02	7.76	7.84	9.6	2.83	92.1
154	6/12/2010 2:31	14.80	46.15	29.96	7.76	7.84	9.1	2.69	92.2
155	6/12/2010 2:46	14.72	46.21	30.00	7.73	8.02	9.2	2.56	91.6
156	6/12/2010 3:01	15.17	45.67	29.62	7.72	7.82	12.7	2.43	92.2
157	6/12/2010 3:16	15.47	45.27	29.34	7.65	7.81	15.0	2.28	91.7
158	6/12/2010 3:31	15.60	45.05	29.19	7.57	7.81	16.2	2.13	90.9

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	
159	6/12/2010 3:46	15.64	44.94	29.10	7.54	7.80	16.8	1.97	90.5
160	6/12/2010 4:01	16.01	44.55	28.83	7.53	7.80	19.3	1.83	90.9
161	6/12/2010 4:16	16.08	44.30	28.65	7.47	7.81	19.7	1.67	90.3
162	6/12/2010 4:31	16.35	44.16	28.55	7.40	7.80	21.8	1.51	89.9
163	6/12/2010 4:46	16.56	43.85	28.33	7.40	7.97	22.5	1.34	90.0
164	6/12/2010 5:01	16.70	43.61	28.16	7.36	7.79	23.0	1.20	89.7
165	6/12/2010 5:16	16.69	43.35	27.98	7.36	7.76	24.9	1.05	89.7
166	6/12/2010 5:31	16.76	43.45	28.05	7.29	7.80	23.0	0.93	88.9
167	6/12/2010 5:46	16.75	43.43	28.04	7.17	7.80	19.8	0.81	87.4
168	6/12/2010 6:01	16.74	43.38	28.00	7.20	7.79	19.5	0.74	87.7
169	6/12/2010 6:16	16.71	43.44	28.04	7.24	7.79	18.9	0.75	88.3
170	6/12/2010 6:31	16.69	43.47	28.06	7.30	7.79	16.2	0.77	89.0
171	6/12/2010 6:46	16.67	43.48	28.07	7.27	7.79	20.5	0.82	88.5
172	6/12/2010 7:01	16.64	43.54	28.11	7.19	7.78	19.5	0.90	87.5
173	6/12/2010 7:16	16.61	43.61	28.16	7.24	7.78	17.5	0.95	88.1
174	6/12/2010 7:31	16.56	43.05	27.76	7.29	7.78	16.5	1.02	88.4
175	6/12/2010 7:46	16.59	41.85	26.91	7.32	7.78	14.5	1.06	88.4
176	6/12/2010 8:01	16.57	43.35	27.97	7.23	7.78	14.6	1.11	87.9
177	6/12/2010 8:16	16.56	43.27	27.92	7.28	7.78	13.8	1.20	88.3
178	6/12/2010 8:31	16.55	43.49	28.07	7.26	7.78	13.5	1.27	88.2
179	6/12/2010 8:46	16.54	43.43	28.03	7.28	7.79	13.6	1.35	88.4
180	6/12/2010 9:01	16.51	43.41	28.02	7.29	7.78	14.1	1.45	88.4
181	6/12/2010 9:16	16.43	43.54	28.11	7.29	7.79	12.8	1.56	88.4
182	6/12/2010 9:31	16.29	43.61	28.16	7.40	7.80	12.4	1.65	89.5
183	6/12/2010 9:46	16.07	43.83	28.31	7.49	7.81	12.6	1.77	90.2
184	6/12/2010 10:01	15.81	44.40	28.72	7.60	7.82	12.5	1.88	91.4
185	6/12/2010 10:16	15.96	44.22	28.59	7.69	7.82	10.7	1.99	92.7
186	6/12/2010 10:31	15.87	44.31	28.66	7.68	7.84	14.4	2.11	92.4
187	6/12/2010 10:46	15.88	44.49	28.79	7.81	7.84	10.7	2.21	94.0
188	6/12/2010 11:01	15.49	45.48	29.49	7.67	7.83	13.0	2.31	92.1
189	6/12/2010 11:16	15.32	45.67	29.62	7.70	7.83	18.7	2.41	92.2
190	6/12/2010 11:31	15.22	45.78	29.70	7.71	7.83	20.6	2.50	92.1
191	6/12/2010 11:46	15.18	45.86	29.76	7.77	7.83	18.4	2.58	92.8
192	6/12/2010 12:01	14.90	46.03	29.88	7.78	7.83	21.5	2.66	92.4
193	6/12/2010 12:16	14.55	46.42	30.15	7.76	7.82	25.1	2.72	91.8
194	6/12/2010 12:31	14.25	46.84	30.45	7.84	7.83	21.0	2.78	92.3
195	6/12/2010 12:46	14.09	47.17	30.68	7.87	7.83	18.9	2.85	92.4
196	6/12/2010 13:01	13.88	47.50	30.92	7.87	7.83	14.7	2.89	92.3
197	6/12/2010 13:16	13.73	47.49	30.90	7.84	7.83	9.9	2.93	91.6
198	6/12/2010 13:31	13.89	47.67	31.04	7.75	7.83	8.0	2.96	90.9
199	6/12/2010 13:46	14.01	47.67	31.04	7.76	8.02	4.9	2.99	91.3
200	6/12/2010 14:01	13.68	47.20	30.69	7.69	7.81	10.7	2.98	89.7
201	6/12/2010 14:16	13.64	47.90	31.20	7.71	7.79	9.2	2.96	90.1
202	6/12/2010 14:31	13.93	47.55	30.95	7.77	7.82	9.9	2.92	91.2
203	6/12/2010 14:46	14.33	47.19	30.70	7.91	7.83	10.5	2.88	93.4
204	6/12/2010 15:01	14.24	47.04	30.59	7.81	7.83	13.4	2.80	92.0
205	6/12/2010 15:16	14.98	46.63	30.32	8.07	7.86	15.3	2.74	96.4
206	6/12/2010 15:31	15.53	46.29	30.08	8.23	7.89	15.4	2.67	99.2
207	6/12/2010 15:46	16.64	46.22	30.04	9.02	7.92	12.8	2.59	111.1
208	6/12/2010 16:01	16.88	45.95	29.85	9.00	7.94	12.9	2.52	111.2
209	6/12/2010 16:16	16.98	45.65	29.64	9.06	7.95	11.5	2.45	112.1
210	6/12/2010 16:31	17.28	45.61	29.61	9.17	7.97	12.2	2.39	114.1
211	6/12/2010 16:46	17.41	45.18	29.30	9.19	7.97	11.7	2.33	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	DO%
			mS/cm		mg/L		NTU	meters	
212	6/12/2010 17:01	17.66	45.18	29.30	9.29	7.97	11.0	2.27	116.2
213	6/12/2010 17:16	17.64	44.98	29.15	9.23	7.97	10.3	2.23	115.3
214	6/12/2010 17:31	17.95	45.06	29.22	9.58	7.99	9.7	2.17	120.4
215	6/12/2010 17:46	17.84	44.86	29.07	9.20	7.99	9.9	2.16	115.3
216	6/12/2010 18:01	17.46	44.96	29.14	8.81	7.93	6.3	2.14	109.7
217	6/12/2010 18:16	17.85	44.89	29.09	9.25	7.98	7.6	2.13	116.0
218	6/12/2010 18:31	17.76	44.61	28.89	9.19	7.96	8.4	2.16	114.9
219	6/12/2010 18:46	17.82	44.52	28.83	9.20	7.96	8.4	2.18	115.1
220	6/12/2010 19:01	17.30	45.07	29.22	8.98	7.93	9.3	2.22	111.4
221	6/12/2010 19:16	17.14	45.21	29.32	8.86	7.92	10.9	2.27	109.7
222	6/12/2010 19:31	17.61	44.70	28.96	9.19	7.95	9.0	2.34	114.6
223	6/12/2010 19:46	16.94	45.27	29.36	8.77	7.91	11.0	2.41	108.2
224	6/12/2010 20:01	16.75	45.43	29.47	8.67	8.07	10.3	2.48	106.6
225	6/12/2010 20:16	16.82	45.34	29.41	8.69	7.92	12.6	2.56	107.0
226	6/12/2010 20:31	16.37	45.71	29.67	8.58	7.90	8.0	2.64	104.8
227	6/12/2010 20:46	15.90	46.11	29.95	8.44	7.87	8.5	2.72	102.4
228	6/12/2010 21:01	15.48	46.46	30.20	8.38	7.86	7.7	2.80	100.9
229	6/12/2010 21:16	15.47	46.39	30.15	8.42	7.87	10.1	2.88	101.4
230	6/12/2010 21:31	15.24	46.78	30.43	8.47	7.87	9.8	2.97	101.7
231	6/12/2010 21:46	14.57	47.30	30.79	8.29	7.84	6.7	3.05	98.4
232	6/12/2010 22:01	13.38	48.41	31.56	7.98	7.99	8.3	3.15	93.0
233	6/12/2010 22:16	12.74	49.03	31.98	7.83	7.97	13.7	3.24	90.2
234	6/12/2010 22:31	12.79	49.03	31.99	7.91	7.98	14.3	3.33	91.2
235	6/12/2010 22:46	12.50	49.35	32.21	7.92	7.98	15.4	3.43	90.9
236	6/12/2010 23:01	12.33	49.55	32.34	7.86	7.76	15.6	3.51	90.0
237	6/12/2010 23:16	12.23	49.67	32.42	7.80	7.76	9.3	3.59	89.2
238	6/12/2010 23:31	11.96	49.96	32.62	7.78	7.76	7.3	3.65	88.5
239	6/12/2010 23:46	11.81	50.10	32.72	7.68	7.76	5.1	3.70	87.2
240	6/13/2010 0:01	11.74	50.17	32.77	7.62	7.76	3.6	3.74	86.4
241	6/13/2010 0:16	11.70	50.21	32.79	7.48	7.75	2.9	3.76	84.7
242	6/13/2010 0:31	11.79	50.17	32.77	7.53	7.75	4.3	3.77	85.5
243	6/13/2010 0:46	11.73	50.21	32.80	7.43	7.75	3.7	3.74	84.2
244	6/13/2010 1:01	11.78	50.18	32.77	7.49	7.75	5.2	3.69	85.0
245	6/13/2010 1:16	12.98	48.78	31.81	7.81	7.79	11.4	3.63	90.3
246	6/13/2010 1:31	13.08	48.47	31.59	7.69	7.78	8.0	3.55	89.0
247	6/13/2010 1:46	13.59	48.23	31.43	7.81	7.80	7.3	3.46	91.2
248	6/13/2010 2:01	13.80	47.99	31.27	7.85	7.80	7.1	3.34	92.0
249	6/13/2010 2:16	14.15	47.60	31.00	7.86	7.82	6.8	3.22	92.6
250	6/13/2010 2:31	13.71	47.96	31.24	7.87	7.80	14.5	3.11	92.1
251	6/13/2010 2:46	14.40	47.06	30.61	7.85	7.83	9.9	2.99	92.7
252	6/13/2010 3:01	14.80	46.93	30.53	7.89	7.83	8.9	2.86	94.0
253	6/13/2010 3:16	14.76	47.01	30.58	7.85	7.82	9.2	2.72	93.5
254	6/13/2010 3:31	14.74	47.00	30.58	7.86	7.81	7.5	2.59	93.5
255	6/13/2010 3:46	14.88	46.87	30.48	7.82	7.81	7.8	2.45	93.2
256	6/13/2010 4:01	15.14	46.60	30.30	7.83	7.81	9.6	2.30	93.7
257	6/13/2010 4:16	15.50	46.21	30.02	7.82	7.82	10.5	2.15	94.2
258	6/13/2010 4:31	15.85	45.84	29.76	7.87	7.83	12.3	1.99	95.3
259	6/13/2010 4:46	16.23	45.47	29.49	7.86	7.85	14.3	1.83	95.7
260	6/13/2010 5:01	16.43	45.29	29.37	7.77	7.83	13.9	1.68	94.9
261	6/13/2010 5:16	16.77	44.97	29.14	7.75	7.85	15.7	1.49	95.1
262	6/13/2010 5:31	17.10	44.68	28.94	7.76	7.84	15.3	1.35	95.8
263	6/13/2010 5:46	17.24	44.57	28.86	7.72	7.84	14.7	1.19	95.6
264	6/13/2010 6:01	17.42	44.43	28.76	7.67	7.85	14.8	1.01	95.1

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	
265	6/13/2010 6:16	17.56	44.32	28.68	7.60	7.85	16.7	0.88	94.5
266	6/13/2010 6:31	17.67	44.21	28.60	7.46	7.85	14.6	0.75	93.0
267	6/13/2010 6:46	17.70	44.19	28.59	7.31	7.84	13.9	0.69	91.2
268	6/13/2010 7:01	17.62	44.12	28.53	7.47	7.84	12.0	0.69	92.9
269	6/13/2010 7:16	17.56	44.26	28.64	7.56	7.85	12.0	0.72	94.0
270	6/13/2010 7:31	17.43	44.36	28.71	7.58	7.84	11.7	0.78	94.0
271	6/13/2010 7:46	17.35	44.41	28.74	7.56	7.83	12.5	0.87	93.7
272	6/13/2010 8:01	17.34	44.42	28.75	7.54	7.84	10.6	0.94	93.5
273	6/13/2010 8:16	17.30	43.57	28.14	7.66	7.84	9.4	0.99	94.4
274	6/13/2010 8:31	17.29	43.71	28.24	7.54	7.84	9.2	1.07	93.1
275	6/13/2010 8:46	17.25	43.69	28.23	7.60	7.83	9.4	1.12	93.7
276	6/13/2010 9:01	17.21	44.05	28.48	7.55	7.82	8.7	1.18	93.2
277	6/13/2010 9:16	17.17	44.14	28.55	7.54	7.82	9.3	1.26	93.0
278	6/13/2010 9:31	17.14	44.26	28.63	7.59	7.83	10.3	1.35	93.6
279	6/13/2010 9:46	17.08	44.18	28.58	7.57	7.82	9.9	1.45	93.3
280	6/13/2010 10:01	16.97	44.13	28.54	7.56	7.82	10.4	1.55	92.9
281	6/13/2010 10:16	16.86	44.27	28.64	7.62	7.83	10.2	1.66	93.4
282	6/13/2010 10:31	16.68	44.30	28.66	7.71	7.82	11.0	1.78	94.2
283	6/13/2010 10:46	16.56	44.38	28.72	7.78	7.83	9.6	1.90	94.9
284	6/13/2010 11:01	16.00	45.38	29.43	7.71	7.82	9.8	2.01	93.5
285	6/13/2010 11:16	15.89	45.81	29.74	7.75	7.82	11.0	2.12	93.9
286	6/13/2010 11:31	15.75	45.90	29.80	7.80	7.83	11.6	2.24	94.3
287	6/13/2010 11:46	15.73	46.00	29.87	7.86	7.83	14.2	2.35	94.9
288	6/13/2010 12:01	15.48	46.31	30.09	7.82	7.83	14.8	2.44	94.2
289	6/13/2010 12:16	15.34	46.40	30.15	7.84	7.82	17.0	2.53	94.2
290	6/13/2010 12:31	15.13	46.63	30.32	7.89	7.82	16.8	2.62	94.4
291	6/13/2010 12:46	14.99	46.55	30.25	7.93	7.82	18.1	2.70	94.7
292	6/13/2010 13:01	14.52	47.29	30.78	7.82	7.80	21.2	2.76	92.8
293	6/13/2010 13:16	14.10	47.78	31.13	7.82	7.79	16.8	2.83	92.2
294	6/13/2010 13:31	13.88	48.10	31.35	7.83	7.79	15.6	2.89	92.0
295	6/13/2010 13:46	13.71	48.12	31.36	7.86	7.78	10.2	2.94	92.0
296	6/13/2010 14:01	13.62	48.51	31.64	7.81	7.78	5.6	2.98	91.4
297	6/13/2010 14:16	13.49	48.61	31.70	7.75	7.78	6.9	3.03	90.5
298	6/13/2010 14:31	13.39	48.73	31.79	7.59	7.77	5.1	3.05	88.6
299	6/13/2010 14:46	13.52	48.62	31.72	7.66	7.77	6.1	3.04	89.5
300	6/13/2010 15:01	13.62	48.58	31.69	7.70	7.78	7.8	3.02	90.1
301	6/13/2010 15:16	14.33	48.12	31.38	8.01	7.81	8.1	2.99	95.0
302	6/13/2010 15:31	14.22	48.13	31.38	7.96	7.80	8.3	2.93	94.2
303	6/13/2010 15:46	15.04	47.80	31.16	8.38	8.04	11.8	2.85	100.7
304	6/13/2010 16:01	15.65	47.67	31.08	8.74	7.88	14.8	2.78	106.2
305	6/13/2010 16:16	15.79	46.75	30.42	8.99	7.90	13.1	2.70	109.1
306	6/13/2010 16:31	15.94	47.22	30.76	8.95	7.91	12.8	2.61	109.2
307	6/13/2010 16:46	16.37	46.86	30.50	9.08	7.93	12.5	2.53	111.6
308	6/13/2010 17:01	16.61	46.60	30.31	9.16	7.95	12.8	2.47	113.0
309	6/13/2010 17:16	16.77	46.41	30.18	9.12	7.95	13.3	2.39	112.7
310	6/13/2010 17:31	16.92	46.20	30.03	9.21	8.14	11.8	2.32	114.0
311	6/13/2010 17:46	17.15	45.55	29.56	9.21	7.96	12.3	2.26	114.2
312	6/13/2010 18:01	17.27	45.40	29.46	9.03	7.95	12.3	2.21	112.1
313	6/13/2010 18:16	17.27	45.44	29.49	8.98	8.12	10.3	2.17	111.6
314	6/13/2010 18:31	17.26	45.44	29.48	8.85	7.94	9.9	2.12	110.0
315	6/13/2010 18:46	17.26	45.36	29.43	8.64	7.93	7.1	2.09	107.3
316	6/13/2010 19:01	17.27	45.31	29.39	8.59	7.92	8.7	2.10	106.7
317	6/13/2010 19:16	17.25	45.31	29.39	8.84	7.93	9.8	2.11	109.7

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	
318	6/13/2010 19:31	17.50	45.00	29.16	8.74	7.92	7.7	2.12	108.9
319	6/13/2010 19:46	17.27	45.23	29.34	8.74	7.93	10.5	2.15	108.5
320	6/13/2010 20:01	16.97	45.64	29.63	8.69	7.91	10.8	2.22	107.4
321	6/13/2010 20:16	16.87	45.74	29.70	8.66	7.91	9.9	2.27	107.0
322	6/13/2010 20:31	17.07	45.53	29.54	8.83	7.93	8.4	2.34	109.3
323	6/13/2010 20:46	16.75	45.91	29.82	8.65	7.90	8.1	2.41	106.6
324	6/13/2010 21:01	16.47	46.15	29.99	8.52	7.89	8.4	2.49	104.5
325	6/13/2010 21:16	16.40	46.25	30.06	8.61	7.89	8.9	2.58	105.5
326	6/13/2010 21:31	16.24	46.34	30.12	8.48	7.88	7.9	2.66	103.7
327	6/13/2010 21:46	16.06	46.44	30.19	8.57	7.88	9.4	2.74	104.5
328	6/13/2010 22:01	15.39	47.05	30.62	8.32	7.85	7.9	2.83	100.4
329	6/13/2010 22:16	15.18	47.24	30.76	8.33	7.85	8.8	2.90	100.2
330	6/13/2010 22:31	14.50	47.83	31.17	8.13	7.81	6.0	3.01	96.6
331	6/13/2010 22:46	13.20	48.98	31.97	7.59	7.76	8.5	3.09	88.2
332	6/13/2010 23:01	13.09	49.11	32.06	7.61	7.96	13.3	3.18	88.3
333	6/13/2010 23:16	12.90	49.22	32.13	7.60	7.96	16.7	3.27	87.9
334	6/13/2010 23:31	12.59	49.47	32.29	7.58	7.75	14.5	3.36	87.2
335	6/13/2010 23:46	12.38	49.65	32.42	7.53	7.74	11.2	3.43	86.4
336	6/14/2010 0:01	12.12	49.87	32.57	7.45	7.94	9.2	3.53	85.1
337	6/14/2010 0:16	11.90	50.06	32.70	7.39	7.73	7.6	3.59	84.0
338	6/14/2010 0:31	11.66	50.28	32.85	7.32	7.72	5.9	3.64	82.9
339	6/14/2010 0:46	11.63	50.32	32.87	7.30	7.72	3.8	3.70	82.6
340	6/14/2010 1:01	11.61	50.34	32.89	7.23	7.72	2.9	3.74	81.9
341	6/14/2010 1:16	11.74	50.26	32.83	7.26	7.72	3.8	3.73	82.4
342	6/14/2010 1:31	11.66	50.34	32.88	7.26	7.72	4.0	3.72	82.2
343	6/14/2010 1:46	11.63	50.37	32.90	7.26	7.93	4.2	3.68	82.2
344	6/14/2010 2:01	12.39	49.64	32.41	7.31	7.74	6.8	3.64	83.8
345	6/14/2010 2:16	12.99	49.02	31.99	7.55	7.97	7.5	3.56	87.5
346	6/14/2010 2:31	13.40	48.57	31.67	7.56	7.77	6.8	3.46	88.1
347	6/14/2010 2:46	13.32	48.68	31.75	7.55	7.97	6.2	3.36	88.0
348	6/14/2010 3:01	13.15	48.67	31.74	7.50	7.76	10.3	3.24	87.0
349	6/14/2010 3:16	13.68	48.34	31.52	7.64	7.77	7.9	3.13	89.5
350	6/14/2010 3:31	13.90	48.14	31.38	7.62	7.59	7.2	3.01	89.6
351	6/14/2010 3:46	13.99	48.06	31.32	7.63	7.78	6.6	2.88	89.9
352	6/14/2010 4:01	14.35	47.75	31.11	7.59	7.98	7.8	2.75	89.9
353	6/14/2010 4:16	14.52	47.60	31.00	7.58	7.79	7.2	2.61	90.1
354	6/14/2010 4:31	14.76	47.33	30.81	7.68	7.79	8.5	2.47	91.5
355	6/14/2010 4:46	15.25	46.83	30.46	7.59	7.81	11.0	2.31	91.2
356	6/14/2010 5:01	15.28	46.57	30.27	7.59	7.81	9.7	2.17	91.1
357	6/14/2010 5:16	15.62	46.37	30.14	7.58	7.82	13.3	2.02	91.6
358	6/14/2010 5:31	16.04	45.36	29.41	7.60	7.83	13.1	1.86	92.2
359	6/14/2010 5:46	16.12	45.88	29.79	7.54	7.82	14.4	1.69	91.7
360	6/14/2010 6:01	16.42	45.64	29.62	7.50	7.99	14.2	1.53	91.7
361	6/14/2010 6:16	16.75	45.29	29.37	7.48	7.83	14.4	1.35	91.9
362	6/14/2010 6:31	16.93	44.94	29.12	7.43	7.84	14.7	1.18	91.6
363	6/14/2010 6:46	17.05	44.97	29.14	7.36	7.84	16.8	1.02	90.9
364	6/14/2010 7:01	17.13	44.83	29.04	7.30	7.84	19.6	0.88	90.3
365	6/14/2010 7:16	17.22	44.64	28.91	7.16	7.83	18.3	0.76	88.6
366	6/14/2010 7:31	17.21	44.66	28.92	7.11	7.83	13.0	0.69	88.0
367	6/14/2010 7:46	17.15	44.40	28.73	7.15	7.83	14.0	0.68	88.3
368	6/14/2010 8:01	17.16	44.70	28.95	7.22	7.83	14.1	0.70	89.2
369	6/14/2010 8:16	17.06	44.85	29.06	7.24	7.83	13.7	0.76	89.4
370	6/14/2010 8:31	17.04	44.93	29.11	7.37	7.83	12.4	0.84	90.9

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	
371	6/14/2010 8:46	17.03	44.96	29.13	7.34	7.82	12.7	0.92	90.5
372	6/14/2010 9:01	17.03	44.56	28.85	7.34	7.82	10.9	0.97	90.5
373	6/14/2010 9:16	17.03	44.22	28.60	7.25	7.82	10.0	1.05	89.2
374	6/14/2010 9:31	16.95	44.33	28.68	7.38	7.83	10.9	1.13	90.7
375	6/14/2010 9:46	16.88	44.55	28.84	7.34	7.83	10.5	1.16	90.2
376	6/14/2010 10:01	16.83	44.85	29.06	7.30	7.82	10.9	1.25	89.7
377	6/14/2010 10:16	16.81	44.85	29.05	7.33	7.81	11.2	1.34	90.1
378	6/14/2010 10:31	16.81	44.76	28.99	7.32	7.82	10.9	1.44	89.9
379	6/14/2010 10:46	16.64	44.87	29.07	7.38	7.81	11.0	1.55	90.4
380	6/14/2010 11:01	16.55	44.93	29.11	7.40	7.81	11.0	1.66	90.4
381	6/14/2010 11:16	16.20	45.34	29.40	7.54	7.82	11.1	1.76	91.7
382	6/14/2010 11:31	16.36	45.14	29.26	7.66	7.83	11.4	1.90	93.3
383	6/14/2010 11:46	16.23	45.20	29.30	7.81	7.83	9.5	2.01	95.0
384	6/14/2010 12:01	16.02	45.88	29.79	7.75	7.83	10.1	2.12	94.1
385	6/14/2010 12:16	15.63	46.52	30.24	7.70	7.81	9.6	2.24	93.1
386	6/14/2010 12:31	15.41	46.78	30.43	7.66	7.81	12.9	2.35	92.3
387	6/14/2010 12:46	15.40	46.86	30.49	7.77	7.81	16.2	2.45	93.7
388	6/14/2010 13:01	15.15	46.70	30.37	7.77	7.80	20.6	2.54	93.1
389	6/14/2010 13:16	14.84	46.85	30.47	7.74	7.79	19.0	2.62	92.3
390	6/14/2010 13:31	14.60	47.47	30.91	7.72	7.79	21.5	2.72	91.8
391	6/14/2010 13:46	14.08	47.96	31.25	7.85	7.78	19.5	2.79	92.6
392	6/14/2010 14:01	13.74	48.35	31.53	7.92	7.77	15.6	2.84	92.9
393	6/14/2010 14:16	13.41	48.69	31.76	7.91	7.76	12.3	2.91	92.3
394	6/14/2010 14:31	13.14	48.95	31.94	7.87	7.95	12.5	2.97	91.5
395	6/14/2010 14:46	12.88	49.19	32.10	7.82	7.75	9.5	3.00	90.4
396	6/14/2010 15:01	12.74	49.33	32.20	7.75	7.74	7.1	3.03	89.4
397	6/14/2010 15:16	12.69	49.42	32.26	7.68	7.94	5.9	3.07	88.5
398	6/14/2010 15:31	12.86	49.28	32.17	7.72	7.74	4.5	3.05	89.3
399	6/14/2010 15:46	12.88	49.22	32.13	7.70	7.74	7.3	3.02	89.1
400	6/14/2010 16:01	13.31	48.96	31.95	7.98	7.96	11.7	2.99	93.1
401	6/14/2010 16:16	13.56	48.76	31.82	7.97	7.97	13.7	2.91	93.3
402	6/14/2010 16:31	14.23	48.51	31.65	8.34	7.82	21.5	2.86	98.9
403	6/14/2010 16:46	14.60	48.38	31.57	8.66	7.84	21.0	2.77	103.4
404	6/14/2010 17:01	14.75	48.27	31.50	8.70	7.86	21.1	2.68	104.1
405	6/14/2010 17:16	15.03	47.72	31.10	8.92	7.89	21.7	2.61	107.1
406	6/14/2010 17:31	15.52	47.47	30.93	8.75	7.90	21.9	2.54	106.0
407	6/14/2010 17:46	15.74	47.17	30.72	8.55	7.88	22.6	2.45	103.9
408	6/14/2010 18:01	16.05	46.82	30.47	8.65	7.89	20.9	2.37	105.5
409	6/14/2010 18:16	16.25	46.93	30.55	8.95	7.95	24.8	2.29	109.7
410	6/14/2010 18:31	16.49	46.30	30.10	8.55	7.91	22.8	2.24	105.0
411	6/14/2010 18:46	16.55	46.21	30.03	8.60	7.91	24.0	2.15	105.7
412	6/14/2010 19:01	16.59	46.21	30.03	8.66	7.92	22.4	2.10	106.5
413	6/14/2010 19:16	16.73	45.87	29.79	8.36	7.89	21.9	2.06	103.0
414	6/14/2010 19:31	16.85	45.81	29.75	8.26	7.89	20.6	2.03	102.0
415	6/14/2010 19:46	16.88	45.80	29.74	8.07	7.88	15.6	2.02	99.7
416	6/14/2010 20:01	16.74	45.90	29.81	7.91	7.86	11.7	2.01	97.5
417	6/14/2010 20:16	16.73	45.86	29.78	8.27	7.88	15.0	2.03	101.9
418	6/14/2010 20:31	16.78	45.79	29.73	8.18	7.87	14.2	2.05	100.9
419	6/14/2010 20:46	16.77	45.77	29.72	8.16	7.86	14.6	2.11	100.6
420	6/14/2010 21:01	16.56	46.00	29.89	8.15	7.79	15.8	2.16	100.1
421	6/14/2010 21:16	16.39	46.19	30.01	8.17	7.69	17.2	2.23	100.1
422	6/14/2010 21:31	16.55	45.98	29.87	8.25	8.04	14.5	2.30	101.3
423	6/14/2010 21:46	16.22	46.41	30.17	8.12	7.85	15.9	2.39	99.3

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	
424	6/14/2010 22:01	15.90	46.78	30.44	8.16	7.84	16.0	2.47	99.3
425	6/14/2010 22:16	15.67	46.98	30.57	8.18	7.85	13.9	2.54	99.1
426	6/14/2010 22:31	15.42	47.09	30.65	8.13	7.83	14.8	2.63	98.2
427	6/14/2010 22:46	15.09	47.41	30.88	8.17	7.83	11.8	2.70	98.1
428	6/14/2010 23:01	14.93	47.53	30.97	8.22	8.01	12.3	2.79	98.4
429	6/14/2010 23:16	14.49	47.93	31.24	8.20	8.00	10.4	2.88	97.5
430	6/14/2010 23:31	13.05	49.21	32.12	7.93	7.95	8.4	2.96	92.0
431	6/14/2010 23:46	12.77	49.46	32.29	7.88	7.75	18.8	3.05	91.1
432	6/15/2010 0:01	12.65	49.53	32.35	7.85	7.74	20.1	3.14	90.5
433	6/15/2010 0:16	12.42	49.67	32.43	7.90	7.95	15.9	3.22	90.6
434	6/15/2010 0:31	12.20	49.84	32.55	7.89	7.74	15.3	3.30	90.2
435	6/15/2010 0:46	11.96	50.03	32.67	7.88	7.73	14.4	3.39	89.7
436	6/15/2010 1:01	11.66	50.28	32.84	7.80	7.72	12.1	3.46	88.3
437	6/15/2010 1:16	11.42	50.47	32.97	7.77	7.71	8.7	3.52	87.7
438	6/15/2010 1:31	11.27	50.59	33.05	7.74	7.70	6.7	3.59	87.0
439	6/15/2010 1:46	11.20	50.68	33.11	7.73	7.70	5.2	3.62	86.8
440	6/15/2010 2:01	11.36	50.50	32.99	7.57	7.70	4.8	3.64	85.3
441	6/15/2010 2:16	11.41	50.53	33.01	7.60	7.71	3.3	3.65	85.7
442	6/15/2010 2:31	11.24	50.70	33.12	7.65	7.70	7.0	3.62	86.0
443	6/15/2010 2:46	11.63	50.27	32.83	7.61	7.71	7.5	3.57	86.1
444	6/15/2010 3:01	12.69	49.33	32.20	7.79	7.75	8.3	3.51	89.8
445	6/15/2010 3:16	12.99	49.01	31.98	7.72	7.75	8.7	3.41	89.4
446	6/15/2010 3:31	13.07	48.91	31.91	7.77	7.76	7.8	3.31	90.1
447	6/15/2010 3:46	13.21	48.67	31.74	7.76	7.76	8.6	3.21	90.2
448	6/15/2010 4:01	12.78	49.26	32.15	7.72	7.74	14.8	3.09	89.1
449	6/15/2010 4:16	13.80	48.26	31.46	7.69	7.78	9.8	2.97	90.3
450	6/15/2010 4:31	13.80	48.26	31.46	7.69	7.77	10.2	2.85	90.3
451	6/15/2010 4:46	13.59	48.54	31.66	7.67	7.95	8.8	2.71	89.7
452	6/15/2010 5:01	13.96	48.20	31.42	7.63	7.77	9.2	2.59	89.8
453	6/15/2010 5:16	14.30	47.86	31.19	7.62	7.97	10.3	2.45	90.2
454	6/15/2010 5:31	14.52	47.62	31.02	7.68	7.78	16.7	2.30	91.3
455	6/15/2010 5:46	14.53	47.56	30.97	7.59	7.77	14.2	2.15	90.1
456	6/15/2010 6:01	14.86	47.13	30.67	7.49	7.78	15.0	2.01	89.4
457	6/15/2010 6:16	15.14	46.84	30.47	7.47	7.79	14.8	1.85	89.5
458	6/15/2010 6:31	15.35	46.68	30.35	7.48	7.79	16.8	1.68	89.9
459	6/15/2010 6:46	15.59	46.42	30.17	7.46	7.80	18.7	1.52	90.1
460	6/15/2010 7:01	15.87	46.12	29.96	7.47	7.81	20.3	1.36	90.6
461	6/15/2010 7:16	15.99	45.87	29.78	7.41	7.81	20.2	1.21	90.0
462	6/15/2010 7:31	16.16	45.55	29.55	7.36	7.81	20.7	1.07	89.5
463	6/15/2010 7:46	16.22	45.62	29.60	7.33	7.82	21.8	0.92	89.3
464	6/15/2010 8:01	16.24	45.55	29.56	7.28	7.82	19.3	0.82	88.7
465	6/15/2010 8:16	16.26	45.47	29.49	7.37	7.82	17.0	0.75	89.9
466	6/15/2010 8:31	16.27	45.41	29.45	7.18	7.82	13.2	0.72	87.5
467	6/15/2010 8:46	16.29	45.48	29.50	7.44	7.83	14.0	0.76	90.7
468	6/15/2010 9:01	16.26	45.51	29.52	7.38	7.82	13.8	0.80	89.9
469	6/15/2010 9:16	16.21	45.41	29.45	7.32	7.98	13.2	0.88	89.1
470	6/15/2010 9:31	16.20	45.58	29.58	7.33	7.82	12.9	0.96	89.3
471	6/15/2010 9:46	16.22	45.60	29.59	7.37	7.99	12.6	1.02	89.7
472	6/15/2010 10:01	16.17	45.62	29.61	7.34	7.98	12.9	1.09	89.3
473	6/15/2010 10:16	16.11	45.67	29.64	7.31	7.80	12.0	1.15	88.9
474	6/15/2010 10:31	16.18	45.43	29.47	7.45	7.82	14.8	1.22	90.7
475	6/15/2010 10:46	16.15	45.57	29.57	7.36	7.81	11.5	1.29	89.6
476	6/15/2010 11:01	16.10	45.61	29.59	7.38	7.80	12.5	1.39	89.7

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	
477	6/15/2010 11:16	16.06	45.65	29.62	7.36	7.80	13.4	1.49	89.4
478	6/15/2010 11:31	15.98	45.79	29.72	7.43	7.80	12.3	1.60	90.1
479	6/15/2010 11:46	15.69	46.01	29.88	7.53	7.80	13.4	1.73	90.9
480	6/15/2010 12:01	15.68	45.96	29.84	7.61	7.81	14.2	1.82	91.9
481	6/15/2010 12:16	15.73	46.02	29.89	7.70	7.82	12.6	1.95	93.1
482	6/15/2010 12:31	15.50	46.52	30.25	7.72	7.81	11.5	2.07	93.1
483	6/15/2010 12:46	14.96	47.29	30.79	7.64	7.79	12.5	2.19	91.4
484	6/15/2010 13:01	14.84	47.29	30.78	7.68	7.98	17.9	2.30	91.7
485	6/15/2010 13:16	14.86	47.50	30.94	7.75	7.79	16.1	2.39	92.7
486	6/15/2010 13:31	14.83	47.57	30.99	7.79	7.79	16.8	2.49	93.1
487	6/15/2010 13:46	14.67	47.71	31.09	7.84	7.79	19.3	2.60	93.5
488	6/15/2010 14:01	14.41	47.63	31.03	7.86	7.78	19.7	2.68	93.1
489	6/15/2010 14:16	14.10	47.98	31.27	7.86	7.76	23.1	2.75	92.7
490	6/15/2010 14:31	13.39	48.16	31.38	8.06	7.95	30.7	2.84	93.8
491	6/15/2010 14:46	13.09	49.09	32.04	8.16	7.75	25.0	2.91	94.7
492	6/15/2010 15:01	13.03	48.47	31.59	8.18	7.75	16.0	2.97	94.6
493	6/15/2010 15:16	12.93	49.20	32.11	8.14	7.75	11.6	3.02	94.3
494	6/15/2010 15:31	12.83	49.32	32.20	8.11	7.75	9.2	3.07	93.8
495	6/15/2010 15:46	12.57	49.61	32.40	8.03	7.54	10.3	3.09	92.4
496	6/15/2010 16:01	12.54	49.51	32.32	7.92	7.73	5.8	3.12	91.0
497	6/15/2010 16:16	12.66	49.58	32.38	7.84	7.53	8.4	3.10	90.4
498	6/15/2010 16:31	13.05	49.35	32.23	8.07	7.87	19.2	3.08	93.7
499	6/15/2010 16:46	13.70	48.40	31.56	8.29	7.79	21.2	3.04	97.2
500	6/15/2010 17:01	13.98	48.90	31.93	8.59	7.79	26.9	2.98	101.5
501	6/15/2010 17:16	13.91	48.81	31.86	8.72	7.81	28.3	2.90	102.8
502	6/15/2010 17:31	14.08	48.81	31.87	8.72	7.82	25.3	2.81	103.2
503	6/15/2010 17:46	14.30	48.66	31.77	8.61	7.83		2.73	102.4
504	6/15/2010 18:01	14.48	48.55	31.69	8.75	7.65	28.4	2.64	104.3
505	6/15/2010 18:16	14.56	48.26	31.48	8.85	7.69	25.1	2.56	105.5
506	6/15/2010 18:31	15.29	47.69	31.08	8.41	7.82	44.7	2.48	101.5
507	6/15/2010 18:46	15.55	47.26	30.78	8.47	7.88	111.9	2.39	102.6
508	6/15/2010 19:01	15.66	47.10	30.66	8.57	7.83	54.3	2.32	103.9
509	6/15/2010 19:16	16.02	46.23	30.04	8.20	7.80	29.9	2.25	99.7
510	6/15/2010 19:31	15.90	46.72	30.39	8.35	7.86	26.4	2.19	101.5
511	6/15/2010 19:46	16.06	46.47	30.22	8.18	7.84	62.1	2.11	99.8
512	6/15/2010 20:01	16.01	46.59	30.30	8.40	7.86	126.4	2.04	102.3
513	6/15/2010 20:16	16.14	46.36	30.14	8.18	8.01	69.3	2.02	99.8
514	6/15/2010 20:31	16.22	46.03	29.90	7.93	7.85	20.6	1.99	96.8
515	6/15/2010 20:46	16.22	46.14	29.98	7.73	7.73	16.1	1.96	94.4
516	6/15/2010 21:01	16.12	46.28	30.08	7.88	7.82	21.4	1.98	96.1
517	6/15/2010 21:16	16.08	46.34	30.12	8.00	7.82	22.5	1.99	97.5
518	6/15/2010 21:31	16.06	46.39	30.16	8.01	7.82	28.6	2.03	97.6
519	6/15/2010 21:46	16.23	46.21	30.03	7.96	7.99	23.9	2.07	97.3
520	6/15/2010 22:01	16.14	46.32	30.11	7.95	7.64	26.4	2.14	97.0
521	6/15/2010 22:16	16.35	45.93	29.83	7.96	7.84	23.3	2.21	97.3
522	6/15/2010 22:31	16.17	46.20	30.02	7.93	7.82	17.8	2.29	96.7
523	6/15/2010 22:46	15.91	46.67	30.36	7.92	7.64	24.1	2.36	96.3
524	6/15/2010 23:01	15.78	46.57	30.28	7.99	7.80	18.1	2.44	96.9
525	6/15/2010 23:16	15.62	46.94	30.55	8.03	7.81	16.4	2.51	97.2
526	6/15/2010 23:31	15.34	47.14	30.69	8.05	7.63	14.7	2.60	97.1
527	6/15/2010 23:46	14.98	47.50	30.94	8.13	7.99	22.3	2.67	97.4
528	6/16/2010 0:01	14.60	47.85	31.18	8.19	7.99	15.4	2.73	97.6
529	6/16/2010 0:16	14.22	48.20	31.43	8.26	7.91	13.6	2.81	97.8

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	
530	6/16/2010 0:31	13.88	48.48	31.63	8.26	7.99	11.7	2.90	97.2
531	6/16/2010 0:46	12.77	49.60	32.40	8.22	7.54		2.97	95.1
532	6/16/2010 1:01	12.54	49.76	32.51	8.31	7.75	23.3	3.06	95.7
533	6/16/2010 1:16	12.41	49.83	32.55	8.31	7.75	17.3	3.14	95.5
534	6/16/2010 1:31	12.26	49.86	32.56	8.33	7.75	17.8	3.21	95.4
535	6/16/2010 1:46	12.09	49.96	32.63	8.34	7.95	15.6	3.29	95.1
536	6/16/2010 2:01	11.89	50.11	32.73	8.32	7.69	13.7	3.36	94.6
537	6/16/2010 2:16	11.48	50.43	32.94	8.19	7.93	10.3	3.41	92.5
538	6/16/2010 2:31	11.27	50.60	33.05	8.15	7.92	8.5	3.46	91.7
539	6/16/2010 2:46	11.16	50.68	33.11	8.09	7.92	7.4	3.49	90.8
540	6/16/2010 3:01	11.46	50.39	32.91	7.93	7.71	16.7	3.50	89.4
541	6/16/2010 3:16	11.30	50.64	33.08	7.84	7.70	3.7	3.51	88.2
542	6/16/2010 3:31	11.19	50.70	33.12	7.90	7.91	5.9	3.47	88.8
543	6/16/2010 3:46	11.65	50.29	32.85	8.01	7.72	11.5	3.41	90.7
544	6/16/2010 4:01	12.54	49.43	32.27	8.16	7.76	9.0	3.35	93.7
545	6/16/2010 4:16	12.17	49.81	32.52	8.09	7.74	14.7	3.24	92.5
546	6/16/2010 4:31	12.33	49.59	32.37	8.11	7.74	21.9	3.14	92.8
547	6/16/2010 4:46	12.92	49.03	31.99	8.05	7.76	20.6	3.04	93.1
548	6/16/2010 5:01	13.32	48.54	31.65	7.99	7.77	15.9	2.92	93.0
549	6/16/2010 5:16	13.28	48.74	31.80	7.90	7.96	11.2	2.81	91.9
550	6/16/2010 5:31	13.44	48.62	31.71	7.87	7.95	10.0	2.70	91.8
551	6/16/2010 5:46	13.55	48.49	31.62	7.81	7.75	10.6	2.57	91.3
552	6/16/2010 6:01	13.87	48.11	31.35	7.69	7.95	12.5	2.43	90.4
553	6/16/2010 6:16	13.95	47.89	31.20	7.62	7.75	12.5	2.31	89.5
554	6/16/2010 6:31	14.03	47.62	31.00	7.55	7.74	15.1	2.16	88.7
555	6/16/2010 6:46	14.36	47.27	30.76	7.58	7.95	18.7	2.01	89.6
556	6/16/2010 7:01	14.56	47.08	30.63	7.61	7.96	19.6	1.89	90.2
557	6/16/2010 7:16	14.55	47.07	30.62	7.67	7.96	19.1	1.72	90.9
558	6/16/2010 7:31	14.70	46.87	30.48	7.68	7.79	20.3	1.56	91.3
559	6/16/2010 7:46	14.85	46.70	30.36	7.68	7.79	20.8	1.43	91.5
560	6/16/2010 8:01	15.03	46.43	30.17	7.57	7.97	20.9	1.28	90.4
561	6/16/2010 8:16	15.07	46.38	30.13	7.60	7.80	21.5	1.14	90.8
562	6/16/2010 8:31	15.08	46.41	30.16	7.58	7.80	21.3	1.02	90.6
563	6/16/2010 8:46	15.11	46.38	30.13	7.59	7.80	20.1	0.92	90.7
564	6/16/2010 9:01	15.12	46.41	30.16	7.43	7.79	13.8	0.86	88.8
565	6/16/2010 9:16	15.09	46.38	30.14	7.59	7.79	17.5	0.84	90.7
566	6/16/2010 9:31	15.05	46.42	30.16	7.52	7.90	17.4	0.86	89.8
567	6/16/2010 9:46	15.04	46.46	30.19	7.54	7.97	14.5	0.91	90.1
568	6/16/2010 10:01	15.08	46.43	30.17	7.56	7.79	15.6	0.99	90.4
569	6/16/2010 10:16	15.08	46.45	30.18	7.57	7.97	15.3	1.06	90.4
570	6/16/2010 10:31	15.08	46.48	30.21	7.55	7.78	14.7	1.13	90.3
571	6/16/2010 10:46	15.10	46.49	30.21	7.51	7.78	14.4	1.18	89.8
572	6/16/2010 11:01	15.09	46.51	30.23	7.53	7.78	13.6	1.25	90.1
573	6/16/2010 11:16	15.10	46.52	30.23	7.56	7.78	13.9	1.32	90.4
574	6/16/2010 11:31	15.22	46.36	30.12	7.67	7.79	13.7	1.39	91.9
575	6/16/2010 11:46	15.14	46.24	30.03	7.64	7.79	14.4	1.49	91.3
576	6/16/2010 12:01	15.13	46.27	30.06	7.61	7.78	15.0	1.60	91.0
577	6/16/2010 12:16	14.99	46.40	30.15	7.52	7.78	14.0	1.69	89.6
578	6/16/2010 12:31	15.01	46.35	30.11	7.63	7.78	13.7	1.80	91.0
579	6/16/2010 12:46	14.72	46.91	30.51	7.69	7.78	15.0	1.92	91.5
580	6/16/2010 13:01	15.01	46.55	30.26	7.88	7.98	15.3	2.03	94.1
581	6/16/2010 13:16	14.81	46.88	30.49	7.87	7.98	13.4	2.15	93.8
582	6/16/2010 13:31	14.87	46.89	30.50	7.98	7.98	12.7	2.27	95.2

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	
583	6/16/2010 13:46	14.64	47.48	30.92	8.01	7.79	11.2	2.37	95.3
584	6/16/2010 14:01	14.17	47.96	31.25	7.91	7.96	19.9	2.47	93.4
585	6/16/2010 14:16	14.21	48.00	31.29	8.00	7.97	21.7	2.57	94.6
586	6/16/2010 14:31	14.14	48.22	31.44	8.11	7.97	25.6	2.67	95.8
587	6/16/2010 14:46	13.83	48.39	31.56	8.09	7.96	23.9	2.75	95.1
588	6/16/2010 15:01	13.55	48.63	31.73	8.13	7.96	26.1	2.83	95.1
589	6/16/2010 15:16	13.05	49.12	32.06	8.18	7.75	31.7	2.91	94.9
590	6/16/2010 15:31	12.81	49.44	32.29	8.27	7.95	22.3	2.98	95.6
591	6/16/2010 15:46	12.60	49.68	32.45	8.26	7.95	16.5	3.05	95.2
592	6/16/2010 16:01	12.52	49.79	32.53	8.21	7.74	12.9	3.11	94.5
593	6/16/2010 16:16	12.42	49.88	32.59	8.17	7.94	9.5	3.15	93.9
594	6/16/2010 16:31	12.34	49.93	32.62	8.07	7.73	5.9	3.19	92.6
595	6/16/2010 16:46	12.04	50.09	32.72	7.76	7.72	5.5	3.21	88.5
596	6/16/2010 17:01	12.28	49.96	32.64	7.79	7.92	6.0	3.21	89.3
597	6/16/2010 17:16	12.21	50.01	32.67	7.89	7.93	9.4	3.16	90.3
598	6/16/2010 17:31	12.86	49.62	32.42	8.20	7.96	14.9	3.13	94.9
599	6/16/2010 17:46	13.55	49.35	32.25	8.61	7.79	26.4	3.06	101.1
600	6/16/2010 18:01	13.51	49.46	32.33	8.75	8.00	25.2	2.98	102.6
601	6/16/2010 18:16	13.33	49.58	32.41	8.80	7.60	22.2	2.89	102.9
602	6/16/2010 18:31	13.40	49.38	32.26	8.69	7.80	24.9	2.80	101.7
603	6/16/2010 18:46	13.67	49.16	32.11	8.85	8.03	21.5	2.72	104.0
604	6/16/2010 19:01	13.91	48.95	31.97	8.92	8.04	18.5	2.62	105.2
605	6/16/2010 19:16	14.16	48.62	31.74	8.81	8.03	20.8	2.53	104.4
606	6/16/2010 19:31	14.50	48.08	31.35	8.51	8.01	24.8	2.45	101.2
607	6/16/2010 19:46	14.92	47.51	30.95	8.33	7.63	28.4	2.37	99.7
608	6/16/2010 20:01	14.91	47.50	30.94	8.53	7.83	22.5	2.28	102.1
609	6/16/2010 20:16	15.12	47.21	30.73	8.38	7.82	23.8	2.21	100.6
610	6/16/2010 20:31	15.16	47.12	30.67	8.33	7.82	25.0	2.13	100.0
611	6/16/2010 20:46	15.24	47.05	30.62	8.31	7.83	24.9	2.07	99.9
612	6/16/2010 21:01	15.36	46.89	30.51	8.20	7.82	22.8	2.00	98.8
613	6/16/2010 21:16	15.40	46.86	30.49	8.17	7.81	23.4	1.96	98.5
614	6/16/2010 21:31	15.46	46.58	30.28	8.10	7.81	22.6	1.94	97.6
615	6/16/2010 21:46	15.54	46.73	30.39	7.98	7.81	19.8	1.92	96.4
616	6/16/2010 22:01	15.44	46.49	30.22	7.92	7.97	17.2	1.92	95.4
617	6/16/2010 22:16	15.35	46.88	30.50	8.05	7.80	19.5	1.93	97.0
618	6/16/2010 22:31	15.30	46.91	30.52	8.10	7.98	18.4	1.98	97.4
619	6/16/2010 22:46	15.41	46.65	30.34	8.09	7.80	17.1	2.03	97.4
620	6/16/2010 23:01	15.39	46.84	30.47	8.03	7.79	17.5	2.07	96.8
621	6/16/2010 23:16	15.52	46.71	30.38	8.06	7.82	17.1	2.15	97.3
622	6/16/2010 23:31	15.42	46.81	30.45	8.04	7.63	16.2	2.22	96.9
623	6/16/2010 23:46	15.32	46.92	30.53	8.05	7.80	17.7	2.30	96.9
624	6/17/2010 0:01	15.06	47.09	30.65	8.09	7.79	23.1	2.36	97.0
625	6/17/2010 0:16	14.91	47.44	30.90	8.10	7.98	13.4	2.44	96.9
626	6/17/2010 0:31	14.34	48.12	31.37	8.11	7.78	15.0	2.51	96.2
627	6/17/2010 0:46	14.20	48.25	31.47	8.14	7.78	13.6	2.57	96.3
628	6/17/2010 1:01	13.96	48.45	31.61	8.13	7.78	13.2	2.64	95.8
629	6/17/2010 1:16	14.03	48.39	31.57	8.26	7.80	10.3	2.71	97.5
630	6/17/2010 1:31	13.76	48.60	31.71	8.20	7.98	9.9	2.78	96.3
631	6/17/2010 1:46	13.40	48.89	31.91	8.15	7.97	8.3	2.84	95.2
632	6/17/2010 2:01	12.73	49.53	32.35	7.98	7.94	10.0	2.92	92.1
633	6/17/2010 2:16	12.55	49.40	32.24	7.97	7.74	13.4	2.99	91.6
634	6/17/2010 2:31	12.26	49.90	32.60	7.89	7.73	12.0	3.05	90.3
635	6/17/2010 2:46	12.22	49.90	32.60	7.87	7.73	9.5	3.11	90.0

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	
636	6/17/2010 3:01	12.09	49.79	32.51	7.85	7.73	8.7	3.18	89.6
637	6/17/2010 3:16	11.92	50.05	32.69	7.83	7.72	8.2	3.22	89.1
638	6/17/2010 3:31	11.74	50.17	32.77	7.77	7.71	8.4	3.26	88.1
639	6/17/2010 3:46	11.64	50.25	32.82	7.67	7.71	4.5	3.29	86.8
640	6/17/2010 4:01	11.58	50.26	32.82	7.55	7.70	3.8	3.31	85.3
641	6/17/2010 4:16	11.61	50.33	32.88	7.55	7.90	5.5	3.28	85.5
642	6/17/2010 4:31	11.57	50.32	32.87	7.57	7.69	7.4	3.26	85.5
643	6/17/2010 4:46	11.72	50.20	32.78	7.60	7.70	8.9	3.21	86.1
644	6/17/2010 5:01	12.26	49.75	32.49	7.75	7.73	10.4	3.13	88.6
645	6/17/2010 5:16	12.31	49.72	32.47	7.67	7.51	12.4	3.06	87.8
646	6/17/2010 5:31	12.58	49.42	32.26	7.78	7.74	16.6	2.97	89.5
647	6/17/2010 5:46	12.92	49.14	32.07	7.72	7.94	14.6	2.86	89.3
648	6/17/2010 6:01	13.54	48.53	31.65	7.58	7.74	11.4	2.76	88.6
649	6/17/2010 6:16	13.63	48.37	31.54	7.59	7.74	11.4	2.66	88.8
650	6/17/2010 6:31	13.71	48.34	31.52	7.60	7.74	12.0	2.56	89.1
651	6/17/2010 6:46	13.84	48.15	31.38	7.68	7.75	13.0	2.43	90.2
652	6/17/2010 7:01	13.99	47.92	31.22	7.67	7.69	15.3	2.30	90.2
653	6/17/2010 7:16	14.08	47.80	31.13	7.67	7.95	14.3	2.19	90.3
654	6/17/2010 7:31	14.16	47.67	31.05	7.66	7.95	15.6	2.06	90.3
655	6/17/2010 7:46	14.29	47.56	30.97	7.72	7.77	16.0	1.92	91.3
656	6/17/2010 8:01	14.51	47.42	30.87	7.80	7.78	15.5	1.78	92.6
657	6/17/2010 8:16	14.61	47.36	30.83	7.91	7.79	15.3	1.66	94.1
658	6/17/2010 8:31	14.79	47.20	30.72	7.89	7.80	15.4	1.54	94.0
659	6/17/2010 8:46	14.98	46.83	30.46	7.73	7.79	15.9	1.41	92.4
660	6/17/2010 9:01	15.07	46.94	30.53	7.68	7.79	16.1	1.30	91.9
661	6/17/2010 9:16	15.10	46.92	30.53	7.65	7.98	15.7	1.20	91.7
662	6/17/2010 9:31	15.13	46.91	30.52	7.57	7.79	15.8	1.14	90.8
663	6/17/2010 9:46	15.27	46.89	30.50	7.69	7.81	16.4	1.07	92.4
664	6/17/2010 10:01	15.29	46.87	30.49	7.60	7.80	12.7	1.04	91.4
665	6/17/2010 10:16	15.07	46.98	30.57	7.65	7.79	13.3	1.05	91.6
666	6/17/2010 10:31	15.02	47.02	30.59	7.61	7.97	14.3	1.09	91.1
667	6/17/2010 10:46	14.99	47.04	30.61	7.59	7.97	14.0	1.13	90.8
668	6/17/2010 11:01	14.96	47.07	30.63	7.59	7.78	12.9	1.20	90.7
669	6/17/2010 11:16	14.99	47.06	30.62	7.61	7.78	12.1	1.26	91.1
670	6/17/2010 11:31	14.93	47.08	30.64	7.53	7.77	12.6	1.33	90.0
671	6/17/2010 11:46	15.26	46.61	30.30	7.69	7.80	12.4	1.40	92.3
672	6/17/2010 12:01	15.30	46.63	30.32	7.74	7.98	11.1	1.46	93.0
673	6/17/2010 12:16	15.17	46.58	30.28	7.69	7.79	11.0	1.54	92.1
674	6/17/2010 12:31	15.13	46.64	30.33	7.65	7.79	10.9	1.63	91.5
675	6/17/2010 12:46	15.08	46.75	30.40	7.61	7.60	11.4	1.72	91.0
676	6/17/2010 13:01	14.94	46.93	30.53	7.57	7.96	11.5	1.81	90.4
677	6/17/2010 13:16	14.97	47.05	30.61	7.72	7.78	11.5	1.92	92.3
678	6/17/2010 13:31	14.98	47.32	30.81	7.93	7.79	10.5	2.03	95.0
679	6/17/2010 13:46	14.39	47.89	31.21	7.86	7.78	11.1	2.14	93.3
680	6/17/2010 14:01	14.41	48.15	31.40	7.96	7.78	17.0	2.26	94.6
681	6/17/2010 14:16	14.28	48.26	31.47	7.94	7.97	14.3	2.35	94.1
682	6/17/2010 14:31	14.22	48.39	31.57	7.97	7.97	15.4	2.46	94.5
683	6/17/2010 14:46	14.06	48.50	31.65	7.98	7.77	15.9	2.56	94.2
684	6/17/2010 15:01	13.98	48.58	31.70	7.98	7.77	20.2	2.65	94.1
685	6/17/2010 15:16	13.57	48.83	31.87	7.98	7.95	24.8	2.74	93.5
686	6/17/2010 15:31	13.36	49.02	32.00	7.95	7.75	25.6	2.83	92.7
687	6/17/2010 15:46	12.87	49.44	32.29	7.79	7.73	25.0	2.92	90.2
688	6/17/2010 16:01	12.32	49.12	32.03	7.60	7.70	25.3	3.00	86.8

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	
689	6/17/2010 16:16	11.98	50.33	32.90	7.39	7.89	24.5	3.06	84.3
690	6/17/2010 16:31	11.79	50.39	32.93	7.30	7.68	16.2	3.13	83.0
691	6/17/2010 16:46	11.72	50.60	33.08	7.25	7.68	10.6	3.19	82.3
692	6/17/2010 17:01	11.61	50.67	33.13	7.15	7.68	8.5	3.24	81.1
693	6/17/2010 17:16	11.56	50.71	33.15	7.06	7.88	5.6	3.26	79.9
694	6/17/2010 17:31	11.72	50.66	33.12	7.07	7.88	4.9	3.29	80.3
695	6/17/2010 17:46	11.56	50.75	33.18	6.77	7.86	4.0	3.29	76.7
696	6/17/2010 18:01	11.65	50.36	32.90	7.05	7.67	6.7	3.25	79.9
697	6/17/2010 18:16	12.24	50.33	32.91	7.38	7.70	14.4	3.20	84.6
698	6/17/2010 18:31	12.89	50.10	32.77	8.04	7.96	16.1	3.14	93.4
699	6/17/2010 18:46	12.89	50.00	32.69	8.12	7.76	15.8	3.07	94.3
700	6/17/2010 19:01	12.90	50.07	32.75	8.17	7.96	17.8	2.97	95.0
701	6/17/2010 19:16	12.97	49.97	32.68	8.23	7.97	15.6	2.88	95.7
702	6/17/2010 19:31	13.28	49.68	32.48	8.31	7.99	16.8	2.79	97.1
703	6/17/2010 19:46	13.31	49.67	32.47	8.37	7.80	15.2	2.70	97.9
704	6/17/2010 20:01	13.65	49.35	32.25	8.46	8.01	14.6	2.60	99.5
705	6/17/2010 20:16	14.18	48.81	31.88	8.41	7.63	18.7	2.51	99.8
706	6/17/2010 20:31	14.83	48.08	31.36	8.25	8.00	22.3	2.43	98.8
707	6/17/2010 20:46	14.64	48.21	31.45	8.32	7.82	19.9	2.34	99.3
708	6/17/2010 21:01	14.85	48.01	31.31	8.28	7.82	19.1	2.25	99.2
709	6/17/2010 21:16	15.39	47.55	30.99	8.16	7.83	22.7	2.17	98.6
710	6/17/2010 21:31	15.45	47.53	30.97	8.16	7.84	20.4	2.10	98.7
711	6/17/2010 21:46	15.55	47.41	30.88	8.10	7.83	20.4	2.02	98.1
712	6/17/2010 22:01	15.53	47.44	30.91	8.06	7.83	19.8	1.95	97.7
713	6/17/2010 22:16	15.60	47.37	30.86	8.01	7.82	17.6	1.90	97.1
714	6/17/2010 22:31	15.71	47.28	30.80	7.94	7.82	17.8	1.86	96.5
715	6/17/2010 22:46	15.67	47.30	30.81	7.89	7.81	17.0	1.81	95.8
716	6/17/2010 23:01	15.77	47.22	30.76	7.82	7.82	14.2	1.81	95.0
717	6/17/2010 23:16	15.65	47.30	30.81	7.97	7.82	15.9	1.82	96.7
718	6/17/2010 23:31	15.57	47.34	30.84	7.91	7.81	15.7	1.82	95.9
719	6/17/2010 23:46	15.56	47.36	30.85	7.91	7.81	16.7	1.87	95.9
720	6/18/2010 0:01	15.53	47.36	30.85	7.96	7.99	16.3	1.92	96.4
721	6/18/2010 0:16	15.52	47.38	30.87	7.95	7.99	16.6	1.97	96.3
722	6/18/2010 0:31	15.62	47.26	30.78	7.96	7.82	15.1	2.04	96.5
723	6/18/2010 0:46	15.57	47.29	30.80	7.95	7.81	14.4	2.11	96.3
724	6/18/2010 1:01	15.51	47.36	30.85	7.97	7.81	14.5	2.18	96.5
725	6/18/2010 1:16	15.35	47.54	30.98	7.96	7.81	16.0	2.25	96.1
726	6/18/2010 1:31	15.26	47.62	31.03	7.96	7.80	12.1	2.32	95.9
727	6/18/2010 1:46	14.58	48.30	31.51	7.92	7.78	14.3	2.39	94.5
728	6/18/2010 2:01	14.42	48.40	31.58	7.90	7.97	11.2	2.46	94.0
729	6/18/2010 2:16	13.95	48.84	31.89	7.90	7.96	12.9	2.52	93.2
730	6/18/2010 2:31	13.98	48.79	31.86	7.96	7.78	9.5	2.59	94.0
731	6/18/2010 2:46	13.71	49.05	32.03	7.87	7.96	8.2	2.66	92.5
732	6/18/2010 3:01	13.50	49.21	32.14	7.84	7.75	7.8	2.72	91.8
733	6/18/2010 3:16	13.03	49.62	32.42	7.65	7.73	8.5	2.78	89.0
734	6/18/2010 3:31	12.76	49.83	32.56	7.63	7.73	13.1	2.84	88.2
735	6/18/2010 3:46	12.53	49.33	32.19	7.60	7.74	13.5	2.90	87.3
736	6/18/2010 4:01	12.44	50.05	32.71	7.50	7.71	9.8	2.96	86.3
737	6/18/2010 4:16	12.38	49.90	32.60	7.48	7.92	8.2	3.01	85.9
738	6/18/2010 4:31	12.32	50.03	32.69	7.47	7.92	6.3	3.05	85.7
739	6/18/2010 4:46	12.23	49.85	32.56	7.46	7.91	6.7	3.08	85.4
740	6/18/2010 5:01	12.18	50.01	32.67	7.34	7.91	4.1	3.08	83.9
741	6/18/2010 5:16	12.14	50.20	32.81	7.34	7.91	5.4	3.09	84.0

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	
742	6/18/2010 5:31	12.11	50.21	32.82	7.30	7.91	5.7	3.07	83.4
743	6/18/2010 5:46	12.16	49.93	32.61	7.30	7.70	7.0	3.03	83.5
744	6/18/2010 6:01	12.46	49.76	32.50	7.35	7.71	8.5	2.97	84.4
745	6/18/2010 6:16	12.86	49.63	32.42	7.53	7.93	12.0	2.90	87.2
746	6/18/2010 6:31	12.88	49.62	32.42	7.68	7.94	12.1	2.82	89.0
747	6/18/2010 6:46	12.80	49.53	32.35	7.70	7.73	10.7	2.73	89.1
748	6/18/2010 7:01	12.81	49.63	32.42	7.72	7.73	10.6	2.63	89.3
749	6/18/2010 7:16	13.08	49.37	32.25	7.70	7.74	9.9	2.54	89.5
750	6/18/2010 7:31	13.65	48.88	31.90	7.68	7.95	11.3	2.44	90.1
751	6/18/2010 7:46	13.83	48.53	31.66	7.81	7.77	10.1	2.34	91.9
752	6/18/2010 8:01	14.39	48.20	31.44	7.79	7.78	14.6	2.23	92.6
753	6/18/2010 8:16	14.51	48.12	31.38	7.86	7.78	13.2	2.11	93.5
754	6/18/2010 8:31	14.19	48.30	31.50	8.13	7.79	10.8	2.02	96.2
755	6/18/2010 8:46	14.71	48.00	31.30	8.03	7.80	12.9	1.91	95.9
756	6/18/2010 9:01	14.78	47.87	31.21	8.14	7.82	12.6	1.80	97.3
757	6/18/2010 9:16	15.00	47.68	31.08	8.15	7.82	12.3	1.69	97.8
758	6/18/2010 9:31	15.08	47.59	31.01	8.16	7.83	12.8	1.59	98.1
759	6/18/2010 9:46	15.25	47.37	30.85	7.96	7.82	12.8	1.51	95.8
760	6/18/2010 10:01	15.36	47.48	30.93	7.99	7.83	12.8	1.42	96.5
761	6/18/2010 10:16	15.47	47.13	30.69	7.86	7.82	12.8	1.36	95.0
762	6/18/2010 10:31	15.52	47.39	30.87	7.75	7.82	11.9	1.33	93.9
763	6/18/2010 10:46	15.58	47.36	30.85	7.67	7.82	11.7	1.30	93.0
764	6/18/2010 11:01	15.68	47.44	30.91	7.80	7.82	9.5	1.28	94.8
765	6/18/2010 11:16	15.23	47.50	30.95	7.57	7.80	9.8	1.29	91.2
766	6/18/2010 11:31	15.19	47.52	30.96	7.65	7.79	10.7	1.35	92.0
767	6/18/2010 11:46	15.31	47.49	30.94	7.77	7.80	10.1	1.38	93.8
768	6/18/2010 12:01	15.51	47.46	30.93	7.83	7.81	9.5	1.43	94.9
769	6/18/2010 12:16	15.45	47.45	30.91	7.74	7.80	10.1	1.49	93.6
770	6/18/2010 12:31	15.34	47.50	30.95	7.76	7.63	9.3	1.56	93.7
771	6/18/2010 12:46	15.74	47.03	30.62	7.89	7.99	9.6	1.62	95.7
772	6/18/2010 13:01	15.75	46.98	30.58	7.85	7.81	10.1	1.71	95.4
773	6/18/2010 13:16	15.56	47.14	30.69	7.78	7.80	10.1	1.79	94.1
774	6/18/2010 13:31	15.54	47.21	30.74	7.73	7.80	9.3	1.88	93.6
775	6/18/2010 13:46	15.42	46.49	30.22	7.74	7.79	10.5	1.97	93.2
776	6/18/2010 14:01	15.50	47.31	30.81	7.85	7.80	9.7	2.07	95.0
777	6/18/2010 14:16	14.96	47.97	31.29	7.90	7.81	8.6	2.16	94.8
778	6/18/2010 14:31	14.37	48.44	31.61	7.84	7.77	9.6	2.26	93.1
779	6/18/2010 14:46	14.20	48.61	31.73	7.85	7.77	12.7	2.36	93.1
780	6/18/2010 15:01	14.11	48.74	31.82	7.84	7.77	13.1	2.46	92.8
781	6/18/2010 15:16	13.94	48.91	31.94	7.85	7.76	13.8	2.56	92.7
782	6/18/2010 15:31	13.79	49.01	32.01	7.78	7.76	15.2	2.64	91.7
783	6/18/2010 15:46	13.68	49.15	32.10	7.81	7.75	20.1	2.73	91.8
784	6/18/2010 16:01	13.39	49.31	32.21	7.78	7.94	19.5	2.82	90.9
785	6/18/2010 16:16	13.14	49.47	32.32	7.72	7.93	18.9	2.90	89.9
786	6/18/2010 16:31	12.81	49.72	32.49	7.64	7.72	19.4	2.98	88.4
787	6/18/2010 16:46	12.28	50.17	32.80	7.50	7.69	18.4	3.06	86.0
788	6/18/2010 17:01	11.98	50.50	33.02	7.42	7.68	15.0	3.14	84.7
789	6/18/2010 17:16	11.84	50.67	33.14	7.37	7.68	12.7	3.21	84.0
790	6/18/2010 17:31	11.81	50.76	33.20	7.39	7.89	8.6	3.26	84.2
791	6/18/2010 17:46	11.76	50.88	33.28	7.38	7.68	7.3	3.32	84.0
792	6/18/2010 18:01	11.70	50.92	33.31	7.32	7.68	4.8	3.36	83.2
793	6/18/2010 18:16	11.63	50.97	33.35	7.15	7.88	3.8	3.38	81.2
794	6/18/2010 18:31	11.83	50.83	33.25	7.21	7.88	5.1	3.36	82.2

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	
795	6/18/2010 18:46	11.68	50.93	33.32	7.25	7.88	4.7	3.35	82.4
796	6/18/2010 19:01	11.79	50.88	33.28	7.28	7.88	7.8	3.31	82.9
797	6/18/2010 19:16	12.94	50.16	32.82	7.85	7.95	11.1	3.24	91.3
798	6/18/2010 19:31	13.13	50.03	32.73	7.94	7.75	9.3	3.16	92.6
799	6/18/2010 19:46	12.79	50.21	32.85	7.67	7.73	13.5	3.07	88.9
800	6/18/2010 20:01	13.34	49.77	32.54	7.98	7.77	14.6	2.98	93.4
801	6/18/2010 20:16	14.10	49.27	32.21	8.35	8.01	13.7	2.89	99.1
802	6/18/2010 20:31	14.34	49.11	32.10	8.38	7.83	12.6	2.78	99.8
803	6/18/2010 20:46	14.46	49.03	32.04	8.43	7.84	9.4	2.70	100.7
804	6/18/2010 21:01	14.72	48.73	31.83	8.31	8.01	12.3	2.61	99.6
805	6/18/2010 21:16	14.83	48.73	31.83	8.47	8.03	10.9	2.50	101.8
806	6/18/2010 21:31	15.04	48.53	31.69	8.35	7.84	11.5	2.41	100.7
807	6/18/2010 21:46	15.27	48.47	31.66	8.49	8.05	10.8	2.33	102.8
808	6/18/2010 22:01	15.53	48.24	31.49	8.42	7.87	11.8	2.23	102.4
809	6/18/2010 22:16	15.75	48.14	31.42	8.40	7.88	12.6	2.13	102.5
810	6/18/2010 22:31	15.85	47.90	31.25	8.32	7.87	13.2	2.05	101.6
811	6/18/2010 22:46	15.85	48.01	31.33	8.25	7.87	12.2	1.96	100.8
812	6/18/2010 23:01	15.92	48.00	31.32	8.20	7.87	11.5	1.87	100.3
813	6/18/2010 23:16	16.06	47.85	31.22	8.17	7.86	11.3	1.82	100.2
814	6/18/2010 23:31	16.14	47.78	31.17	8.12	7.86	11.2	1.76	99.7
815	6/18/2010 23:46	16.18	47.75	31.14	8.09	7.86	10.3	1.72	99.4
816	6/19/2010 0:01	16.23	47.71	31.12	8.02	7.86	10.4	1.69	98.6
817	6/19/2010 0:16	16.24	47.70	31.11	7.93	7.85	8.8	1.67	97.6
818	6/19/2010 0:31	16.15	47.76	31.15	8.04	7.86	10.8	1.71	98.7
819	6/19/2010 0:46	15.99	47.84	31.21	7.98	7.84	10.7	1.71	97.7
820	6/19/2010 1:01	15.96	47.84	31.21	8.04	7.85	11.4	1.75	98.4
821	6/19/2010 1:16	16.02	47.80	31.18	8.07	7.85	10.0	1.81	98.8
822	6/19/2010 1:31	15.98	47.82	31.19	8.11	7.83	8.9	1.87	99.3
823	6/19/2010 1:46	16.08	47.70	31.11	8.06	7.84	10.7	1.94	98.9
824	6/19/2010 2:01	16.04	47.04	30.63	8.07	7.88	10.9	2.00	98.6
825	6/19/2010 2:16	16.00	47.72	31.12	8.05	7.83	10.6	2.07	98.6
826	6/19/2010 2:31	15.92	47.80	31.18	8.08	7.83	10.1	2.15	98.8
827	6/19/2010 2:46	15.74	47.89	31.24	7.99	7.84	9.6	2.21	97.4
828	6/19/2010 3:01	15.59	47.99	31.31	7.99	7.84	8.5	2.27	97.1
829	6/19/2010 3:16	15.19	48.31	31.53	7.99	7.81	7.2	2.33	96.5
830	6/19/2010 3:31	15.13	48.33	31.55	8.05	7.81	6.9	2.41	97.1
831	6/19/2010 3:46	14.70	48.65	31.77	7.97	7.80	6.7	2.46	95.5
832	6/19/2010 4:01	14.26	49.06	32.06	7.98	7.79	6.7	2.52	94.9
833	6/19/2010 4:16	14.22	49.09	32.08	8.03	7.79	6.0	2.59	95.5
834	6/19/2010 4:31	14.08	49.20	32.15	8.03	7.78	5.7	2.63	95.2
835	6/19/2010 4:46	13.77	49.27	32.20	7.90	7.76	16.8	2.70	93.1
836	6/19/2010 5:01	13.62	49.50	32.36	7.82	7.70	5.8	2.75	91.9
837	6/19/2010 5:16	13.42	49.63	32.45	7.80	7.75	6.5	2.79	91.4
838	6/19/2010 5:31	13.26	49.76	32.53	7.74	7.94	6.3	2.84	90.5
839	6/19/2010 5:46	13.19	49.80	32.56	7.70	7.94	5.4	2.86	89.9
840	6/19/2010 6:01	13.12	49.81	32.57	7.66	7.94	4.6	2.90	89.3
841	6/19/2010 6:16	13.06	49.87	32.61	7.51	7.93	3.2	2.91	87.4
842	6/19/2010 6:31	13.28	49.75	32.53	7.43	7.93	5.0	2.91	86.8
843	6/19/2010 6:46	13.11	49.84	32.59	7.51	7.93	5.4	2.90	87.6
844	6/19/2010 7:01	13.14	49.82	32.58	7.54	7.93	5.6	2.87	88.0
845	6/19/2010 7:16	13.29	49.72	32.51	7.57	7.94	7.3	2.81	88.5
846	6/19/2010 7:31	13.80	49.32	32.23	7.66	7.76	9.1	2.75	90.4
847	6/19/2010 7:46	14.08	49.07	32.06	7.74	7.78	8.2	2.68	91.7

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		
848	6/19/2010 8:01	14.17	48.99	32.00	7.83	7.98	7.0	2.59	92.9
849	6/19/2010 8:16	14.20	48.96	31.99	7.94	7.79	6.2	2.50	94.3
850	6/19/2010 8:31	14.32	48.87	31.92	7.97	7.80	6.3	2.43	94.9
851	6/19/2010 8:46	14.53	48.71	31.81	7.86	7.79	6.6	2.33	93.9
852	6/19/2010 9:01	14.62	48.69	31.79	8.11	8.00	7.7	2.24	97.1
853	6/19/2010 9:16	14.88	48.47	31.65	8.21	7.82	8.1	2.15	98.6
854	6/19/2010 9:31	15.29	48.19	31.45	8.05	8.01	8.1	2.06	97.4
855	6/19/2010 9:46	15.40	48.18	31.44	8.13	7.85	8.4	1.97	98.6
856	6/19/2010 10:01	15.60	48.07	31.37	8.10	7.86	8.2	1.90	98.6
857	6/19/2010 10:16	15.79	48.03	31.34	8.16	8.05	7.8	1.82	99.6
858	6/19/2010 10:31	15.91	47.99	31.32	8.30	8.06	8.1	1.74	101.5
859	6/19/2010 10:46	16.02	47.97	31.30	8.39	7.89	8.0	1.68	102.8
860	6/19/2010 11:01	16.05	47.96	31.30	8.34	7.89	7.3	1.62	102.3
861	6/19/2010 11:16	16.07	47.97	31.31	8.31	7.89	5.8	1.59	102.0
862	6/19/2010 11:31	16.19	47.86	31.23	8.11	7.88	8.4	1.56	99.7
863	6/19/2010 11:46	15.83	47.92	31.27	7.62	7.83	7.8	1.55	93.1
864	6/19/2010 12:01	15.71	47.95	31.28	7.69	7.82	6.4	1.57	93.7
865	6/19/2010 12:16	15.67	47.98	31.30	7.70	7.82	6.5	1.57	93.8
866	6/19/2010 12:31	15.87	47.97	31.30	7.92	7.94	109.0	1.61	96.8
867	6/19/2010 12:46	16.14	47.94	31.28	8.04	7.68	6.7	1.66	98.8
868	6/19/2010 13:01	15.93	47.98	31.31	7.94	7.84	7.1	1.69	97.1
869	6/19/2010 13:16	15.92	47.98	31.31	7.93	7.84	7.6	1.76	97.1
870	6/19/2010 13:31	15.80	48.01	31.33	7.89	7.83	6.9	1.82	96.3
871	6/19/2010 13:46	16.23	47.87	31.24	8.03	8.02	7.1	1.89	98.8
872	6/19/2010 14:01	16.11	47.47	30.94	7.96	7.83	7.1	1.96	97.6
873	6/19/2010 14:16	16.04	47.69	31.10	7.90	7.82	6.9	2.05	96.8
874	6/19/2010 14:31	15.66	47.94	31.28	7.75	7.81	7.2	2.13	94.3
875	6/19/2010 14:46	15.86	47.96	31.29	8.05	7.81	8.5	2.21	98.3
876	6/19/2010 15:01	15.59	48.31	31.54	8.06	7.85	6.7	2.30	98.1
877	6/19/2010 15:16	15.16	48.61	31.75	8.06	7.80	5.7	2.38	97.4
878	6/19/2010 15:31	14.47	49.00	32.02	7.95	7.97	7.6	2.48	94.9
879	6/19/2010 15:46	14.15	49.20	32.16	7.94	7.59	8.9	2.57	94.3
880	6/19/2010 16:01	13.75	49.44	32.32	7.80	7.57	9.9	2.65	91.9
881	6/19/2010 16:16	13.57	49.56	32.40	7.74	7.75	9.8	2.73	91.0
882	6/19/2010 16:31	13.48	49.67	32.48	7.75	7.75	11.0	2.82	90.9
883	6/19/2010 16:46	13.34	49.78	32.55	7.73	7.74	12.1	2.90	90.5
884	6/19/2010 17:01	13.25	49.62	32.43	7.76	7.74	18.7	2.99	90.6
885	6/19/2010 17:16	12.88	50.10	32.77	7.69	7.73	18.6	3.07	89.3
886	6/19/2010 17:31	12.52	49.47	32.29	7.49	7.71	12.8	3.15	86.1
887	6/19/2010 17:46	11.93	50.23	32.82	7.06	7.63	11.7	3.23	80.4
888	6/19/2010 18:01	11.65	50.98	33.35	6.87	7.66	10.1	3.30	78.0
889	6/19/2010 18:16	11.57	51.05	33.40	6.81	7.66	7.2	3.36	77.3
890	6/19/2010 18:31	11.54	51.12	33.44	6.79	7.67	5.9	3.41	77.0
891	6/19/2010 18:46	11.51	51.21	33.51	6.74	7.66	5.1	3.45	76.4
892	6/19/2010 19:01	11.44	51.23	33.52	6.64	7.87	2.7	3.48	75.2
893	6/19/2010 19:16	11.59	51.13	33.45	6.64	7.66	4.2	3.48	75.4
894	6/19/2010 19:31	11.49	51.21	33.51	6.59	7.66	4.0	3.47	74.7
895	6/19/2010 19:46	11.58	51.16	33.48	6.67	7.67	6.9	3.42	75.7
896	6/19/2010 20:01	12.58	50.56	33.09	7.28	7.73	7.6	3.36	84.2
897	6/19/2010 20:16	13.09	50.24	32.87	7.70	7.75	9.3	3.28	89.9
898	6/19/2010 20:31	13.05	50.27	32.90	7.48	7.76	9.0	3.20	87.2
899	6/19/2010 20:46	13.50	49.97	32.69	7.77	7.99	8.8	3.11	91.3
900	6/19/2010 21:01	14.10	49.63	32.47	8.22	7.83	9.2	3.00	97.7

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	
901	6/19/2010 21:16	14.26	49.51	32.39	8.21	8.02	9.1	2.91	97.9
902	6/19/2010 21:31	14.44	49.43	32.33	8.20	8.03	10.1	2.82	98.0
903	6/19/2010 21:46	14.47	49.35	32.28	8.20	8.01	6.2	2.71	98.1
904	6/19/2010 22:01	14.43	49.39	32.30	8.20	7.82	5.9	2.61	98.0
905	6/19/2010 22:16	15.19	48.87	31.94	8.24	7.84	8.5	2.51	99.7
906	6/19/2010 22:31	15.46	48.73	31.84	8.24	7.86	8.9	2.41	100.2
907	6/19/2010 22:46	15.82	48.51	31.69	8.23	7.98	10.8	2.31	100.8
908	6/19/2010 23:01	15.96	48.50	31.69	8.28	7.89	10.1	2.20	101.6
909	6/19/2010 23:16	16.07	48.40	31.62	8.27	7.88	9.8	2.10	101.7
910	6/19/2010 23:31	16.07	48.31	31.55	8.26	7.88	8.8	1.99	101.5
911	6/19/2010 23:46	16.10	48.44	31.64	8.16	7.88	8.2	1.89	100.5
912	6/20/2010 0:01	16.19	48.36	31.59	8.14	7.88	7.6	1.80	100.3
913	6/20/2010 0:16	16.16	48.34	31.58	8.09	7.88	7.4	1.71	99.7
914	6/20/2010 0:31	16.31	48.23	31.50	8.10	7.88	7.4	1.65	100.0
915	6/20/2010 0:46	16.49	48.22	31.49	8.08	7.89	7.6	1.58	100.0
916	6/20/2010 1:01	16.61	48.08	31.39	7.97	7.89	9.4	1.56	98.9
917	6/20/2010 1:16	16.69	48.04	31.36	7.86	7.89	9.1	1.54	97.7
918	6/20/2010 1:31	16.66	48.10	31.41	7.76	7.87	7.1	1.53	96.4
919	6/20/2010 1:46	16.49	48.10	31.40	7.97	7.88	10.4	1.56	98.7
920	6/20/2010 2:01	16.40	48.14	31.43	8.03	7.88	9.4	1.59	99.2
921	6/20/2010 2:16	16.35	48.15	31.44	8.03	8.04	9.3	1.64	99.2
922	6/20/2010 2:31	16.35	48.10	31.40	8.10	7.88	7.2	1.70	100.0
923	6/20/2010 2:46	16.35	48.18	31.46	8.10	7.88	7.1	1.75	100.1
924	6/20/2010 3:01	16.35	48.07	31.38	8.04	7.88	9.0	1.83	99.3
925	6/20/2010 3:16	16.35	48.05	31.36	8.02	7.88	8.4	1.89	99.0
926	6/20/2010 3:31	16.33	48.03	31.35	8.02	7.88	7.3	1.96	98.9
927	6/20/2010 3:46	16.26	48.10	31.40	7.98	7.87	7.9	2.02	98.4
928	6/20/2010 4:01	16.28	47.92	31.27	7.99	7.88	7.9	2.10	98.4
929	6/20/2010 4:16	16.24	47.97	31.30	7.98	7.88	6.9	2.16	98.3
930	6/20/2010 4:31	15.79	48.42	31.63	7.97	7.84	131.4	2.21	97.4
931	6/20/2010 4:46	15.68	48.46	31.65	7.97	7.95	5.7	2.28	97.2
932	6/20/2010 5:01	15.49	48.54	31.71	7.98	7.79	5.2	2.35	97.1
933	6/20/2010 5:16	15.13	48.82	31.90	7.98	7.93	5.3	2.41	96.5
934	6/20/2010 5:31	14.85	49.04	32.06	7.94	7.81	5.7	2.46	95.5
935	6/20/2010 5:46	14.61	49.26	32.21	7.99	7.75	5.6	2.52	95.8
936	6/20/2010 6:01	14.55	49.27	32.22	7.98	7.80	5.5	2.57	95.5
937	6/20/2010 6:16	14.48	49.26	32.21	7.91	7.91	5.4	2.63	94.6
938	6/20/2010 6:31	14.38	49.32	32.25	7.87	7.99	4.7	2.66	93.9
939	6/20/2010 6:46	14.24	49.43	32.32	7.80	7.98	5.1	2.70	92.9
940	6/20/2010 7:01	14.09	49.59	32.44	7.75	7.78	4.3	2.75	92.1
941	6/20/2010 7:16	14.00	49.60	32.44	7.68	7.78	3.8	2.76	91.0
942	6/20/2010 7:31	13.91	49.66	32.48	7.44	7.77	3.2	2.78	88.1
943	6/20/2010 7:46	13.95	49.65	32.48	7.31	7.76	3.6	2.78	86.7
944	6/20/2010 8:01	13.88	49.70	32.51	7.32	7.75	3.9	2.78	86.6
945	6/20/2010 8:16	13.92	49.73	32.53	7.35	7.75	3.5	2.76	87.1
946	6/20/2010 8:31	14.12	49.54	32.40	7.63	7.97	5.5	2.72	90.7
947	6/20/2010 8:46	14.31	49.35	32.27	7.81	7.79	5.7	2.68	93.0
948	6/20/2010 9:01	14.55	49.19	32.16	7.86	7.99	6.8	2.63	94.1
949	6/20/2010 9:16	14.84	49.07	32.08	8.26	8.02	8.8	2.56	99.4
950	6/20/2010 9:31	15.08	49.04	32.06	8.68	7.87	9.0	2.49	104.9
951	6/20/2010 9:46	15.17	49.03	32.06	8.74	7.88	7.8	2.41	105.9
952	6/20/2010 10:01	15.39	48.87	31.94	9.07	7.89	8.5	2.34	110.3
953	6/20/2010 10:16	15.59	48.72	31.84	8.86	7.90	8.5	2.27	108.1

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		
954	6/20/2010 10:31	15.79	48.68	31.81	9.07	7.92	7.8	2.18	111.1
955	6/20/2010 10:46	16.00	48.56	31.73	9.07	7.93	8.3	2.11	111.5
956	6/20/2010 11:01	16.13	48.48	31.67	8.84	8.09	7.4	2.05	108.9
957	6/20/2010 11:16	16.30	48.53	31.71	9.30	7.96	7.3	1.99	115.0
958	6/20/2010 11:31	16.40	48.44	31.65	9.00	7.96	7.2	1.92	111.4
959	6/20/2010 11:46	16.59	48.54	31.73	9.44	8.00	7.0	1.87	117.3
960	6/20/2010 12:01	16.64	48.53	31.72	9.23	8.15	6.5	1.85	114.8
961	6/20/2010 12:16	16.74	48.54	31.73	9.25	7.99	7.5	1.81	115.3
962	6/20/2010 12:31	16.86	48.52	31.72	9.51	8.03	11.4	1.79	118.9
963	6/20/2010 12:46	16.09	48.41	31.63	8.26	7.87	6.5	1.80	101.6
964	6/20/2010 13:01	16.30	48.45	31.65	8.60	7.91	6.0	1.81	106.2
965	6/20/2010 13:16	16.17	48.44	31.65	8.49	7.89	5.5	1.81	104.7
966	6/20/2010 13:31	16.39	48.44	31.65	8.72	7.91	6.0	1.84	108.0
967	6/20/2010 13:46	16.42	48.42	31.63	8.75	7.92	6.0	1.89	108.4
968	6/20/2010 14:01	16.34	48.43	31.64	8.65	7.91	6.8	1.93	107.0
969	6/20/2010 14:16	16.27	48.41	31.63	8.61	7.90	6.4	1.98	106.3
970	6/20/2010 14:31	16.34	48.40	31.62	8.68	7.88	6.3	2.05	107.3
971	6/20/2010 14:46	16.36	48.39	31.61	8.58	7.89	7.6	2.11	106.1
972	6/20/2010 15:01	16.22	48.41	31.63	8.57	7.88	6.6	2.19	105.8
973	6/20/2010 15:16	16.23	48.34	31.57	8.53	8.06	6.7	2.25	105.2
974	6/20/2010 15:31	16.08	48.44	31.64	8.46	7.98	168.4	2.33	104.0
975	6/20/2010 15:46	15.97	48.64	31.79	8.61	7.71	6.2	2.41	105.8
976	6/20/2010 16:01	15.92	48.76	31.87	8.60	7.87	6.8	2.49	105.7
977	6/20/2010 16:16	15.99	48.83	31.93	8.62	7.88	6.5	2.57	106.0
978	6/20/2010 16:31	15.28	49.20	32.19	8.39	8.02	5.9	2.64	102.0
979	6/20/2010 16:46	15.24	49.28	32.24	8.42	7.83	6.6	2.73	102.2
980	6/20/2010 17:01	14.89	49.46	32.37	8.33	7.82	6.3	2.80	100.5
981	6/20/2010 17:16	13.30	50.14	32.81	7.77	7.94	5.6	2.90	91.0
982	6/20/2010 17:31	13.18	50.19	32.85	7.73	7.75	9.2	2.97	90.4
983	6/20/2010 17:46	13.11	50.26	32.89	7.79	7.95	10.3	3.06	91.0
984	6/20/2010 18:01	13.01	50.36	32.96	7.93	7.96	10.7	3.15	92.5
985	6/20/2010 18:16	12.81	50.48	33.04	7.92	7.86	11.5	3.22	91.9
986	6/20/2010 18:31	12.55	50.65	33.15	7.95	7.86	9.6	3.30	91.9
987	6/20/2010 18:46	12.25	50.86	33.29	8.06	7.75	10.1	3.38	92.7
988	6/20/2010 19:01	11.98	51.04	33.41	8.23	7.97	8.2	3.44	94.1
989	6/20/2010 19:16	11.88	51.11	33.46	8.33	7.98	5.8	3.49	95.1
990	6/20/2010 19:31	11.85	51.14	33.48	8.37	7.78	4.5	3.54	95.5
991	6/20/2010 19:46	11.85	51.17	33.50	8.32	7.78	3.2	3.57	95.0
992	6/20/2010 20:01	11.96	51.11	33.46	8.15	7.97	4.2	3.57	93.2
993	6/20/2010 20:16	11.87	51.19	33.52	8.28	7.77	3.4	3.55	94.5
994	6/20/2010 20:31	11.91	51.16	33.50	8.30	7.98	5.1	3.52	94.9
995	6/20/2010 20:46	12.58	50.75	33.23	8.33	8.00	7.8	3.47	96.4
996	6/20/2010 21:01	13.03	50.46	33.04	8.24	7.80	12.5	3.39	96.1
997	6/20/2010 21:16	12.90	50.51	33.06	8.18	7.78	16.7	3.31	95.2
998	6/20/2010 21:31	12.79	50.56	33.10	8.32	7.99	18.1	3.22	96.6
999	6/20/2010 21:46	13.42	50.22	32.87	8.09	8.00	14.2	3.12	95.1
1000	6/20/2010 22:01	13.19	50.35	32.96	8.27	7.80	18.3	3.02	96.8
1001	6/20/2010 22:16	13.86	49.90	32.66	8.22	8.01	18.6	2.92	97.3
1002	6/20/2010 22:31	12.73	50.59	33.12	8.34	7.99	13.1	2.82	96.8
1003	6/20/2010 22:46	13.80	49.94	32.69	8.29	7.82	13.4	2.71	98.0
1004	6/20/2010 23:01	14.09	49.78	32.58	8.33	7.83	15.9	2.59	99.1
1005	6/20/2010 23:16	14.96	49.16	32.15	8.19	8.04	18.1	2.49	98.8
1006	6/20/2010 23:31	14.50	49.41	32.32	8.22	7.83	18.7	2.37	98.4

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	
1007	6/20/2010 23:46	15.01	49.15	32.15	8.26	7.85	16.3	2.25	99.7
1008	6/21/2010 0:01	14.78	49.29	32.24	8.21	7.84	15.0	2.15	98.7
1009	6/21/2010 0:16	15.17	49.03	32.06	8.16	8.04	16.2	2.03	98.9
1010	6/21/2010 0:31	15.37	48.92	31.98	8.13	7.86	16.8	1.92	98.8
1011	6/21/2010 0:46	15.43	48.95	32.00	8.06	8.05	15.7	1.80	98.1
1012	6/21/2010 1:01	15.38	48.91	31.98	8.01	8.04	15.2	1.69	97.4
1013	6/21/2010 1:16	15.68	48.77	31.88	7.99	7.87	15.8	1.60	97.7
1014	6/21/2010 1:31	15.85	48.67	31.81	8.00	7.88	16.1	1.50	98.0
1015	6/21/2010 1:46	16.12	48.48	31.67	7.95	7.89	16.7	1.44	97.9
1016	6/21/2010 2:01	16.31	48.38	31.61	7.91	7.90	17.5	1.39	97.7
1017	6/21/2010 2:16	16.38	48.34	31.58	7.69	7.89	16.5	1.37	95.1
1018	6/21/2010 2:31	16.38	48.33	31.57	7.64	7.89	18.6	1.37	94.5
1019	6/21/2010 2:46	16.25	48.37	31.60	7.86	7.89	14.0	1.37	97.0
1020	6/21/2010 3:01	16.18	48.43	31.64	7.93	7.89	13.6	1.41	97.8
1021	6/21/2010 3:16	16.20	48.42	31.63	7.94	8.07	12.6	1.47	97.9
1022	6/21/2010 3:31	16.18	48.41	31.63	7.94	7.73	13.0	1.51	97.9
1023	6/21/2010 3:46	16.18	48.35	31.58	7.92	8.07	13.3	1.59	97.6
1024	6/21/2010 4:01	16.18	48.32	31.56	7.87	7.89	13.9	1.64	96.9
1025	6/21/2010 4:16	16.13	48.37	31.60	7.88	7.90	14.0	1.71	97.0
1026	6/21/2010 4:31	16.09	48.35	31.58	7.87	7.87	13.8	1.78	96.8
1027	6/21/2010 4:46	16.16	48.13	31.42	7.85	7.88	113.0	1.83	96.5
1028	6/21/2010 5:01	16.17	47.98	31.32	7.82	7.83	12.0	1.91	96.2
1029	6/21/2010 5:16	15.96	48.21	31.48	7.85	7.88	11.2	1.98	96.3
1030	6/21/2010 5:31	15.78	48.41	31.62	7.88	7.88	8.5	2.05	96.4
1031	6/21/2010 5:46	15.58	48.57	31.73	7.90	7.87	7.6	2.12	96.2
1032	6/21/2010 6:01	15.20	48.96	32.00	7.91	8.03	5.6	2.18	95.8
1033	6/21/2010 6:16	14.99	49.08	32.09	7.97	7.80	5.5	2.26	96.2
1034	6/21/2010 6:31	14.82	49.27	32.23	8.00	7.87	5.6	2.32	96.3
1035	6/21/2010 6:46	14.78	49.33	32.27	8.01	7.79	4.9	2.38	96.4
1036	6/21/2010 7:01	14.60	49.45	32.35	8.03	7.95	4.9	2.45	96.3
1037	6/21/2010 7:16	14.49	49.51	32.39	8.00	8.02	5.5	2.51	95.7
1038	6/21/2010 7:31	14.37	49.55	32.41	7.98	8.02	4.8	2.56	95.3
1039	6/21/2010 7:46	14.37	49.54	32.41	7.96	8.02	4.5	2.61	95.1
1040	6/21/2010 8:01	14.24	49.58	32.43	7.96	8.01	4.4	2.66	94.8
1041	6/21/2010 8:16	14.13	49.61	32.45	7.95	7.82	4.1	2.70	94.5
1042	6/21/2010 8:31	14.05	49.62	32.46	7.92	7.82	3.4	2.73	94.0
1043	6/21/2010 8:46	13.98	49.65	32.48	7.86	7.62	2.9	2.75	93.2
1044	6/21/2010 9:01	13.93	49.65	32.48	7.80	7.62	2.1	2.78	92.4
1045	6/21/2010 9:16	14.00	49.73	32.54	7.78	8.00	2.9	2.78	92.3
1046	6/21/2010 9:31	13.96	49.66	32.48	7.49	7.98	2.3	2.77	88.8
1047	6/21/2010 9:46	13.92	49.74	32.55	7.56	7.98	2.8	2.74	89.5
1048	6/21/2010 10:01	13.93	49.73	32.53	7.75	7.80	4.1	2.70	91.8
1049	6/21/2010 10:16	14.08	49.61	32.45	7.73	8.00	4.5	2.67	91.8
1050	6/21/2010 10:31	14.44	49.46	32.35	7.95	7.84	4.3	2.60	95.0
1051	6/21/2010 10:46	14.85	49.33	32.27	8.16	8.05	4.3	2.54	98.3
1052	6/21/2010 11:01	14.93	49.30	32.25	8.17	7.86	4.6	2.47	98.6
1053	6/21/2010 11:16	15.24	49.27	32.24	8.46	8.07	4.1	2.41	102.8
1054	6/21/2010 11:31	15.61	49.14	32.15	8.79	8.10	4.0	2.35	107.5
1055	6/21/2010 11:46	15.94	49.14	32.15	9.37	7.96	3.5	2.27	115.3
1056	6/21/2010 12:01	15.88	49.01	32.06	8.69	7.92	3.2	2.21	106.8
1057	6/21/2010 12:16	16.18	48.97	32.03	9.16	8.12	3.2	2.16	113.2
1058	6/21/2010 12:31	16.65	48.96	32.03	10.04	8.17	3.9	2.11	125.2
1059	6/21/2010 12:46	16.50	48.80	31.92	8.97	7.95	3.6	2.05	111.4

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	
1060	6/21/2010 13:01	16.56	48.73	31.87	8.84	8.11	3.2	2.02	109.9
1061	6/21/2010 13:16	16.41	48.73	31.86	8.48	7.91	3.1	2.00	105.1
1062	6/21/2010 13:31	16.37	48.79	31.90	7.85	7.87	2.1	1.98	97.3
1063	6/21/2010 13:46	16.10	48.75	31.87	8.45	8.08	2.6	1.97	104.1
1064	6/21/2010 14:01	16.19	48.93	32.00	9.16	8.12	2.8	1.97	113.2
1065	6/21/2010 14:16	16.17	48.86	31.96	9.18	7.97	3.5	2.00	113.4
1066	6/21/2010 14:31	16.57	48.81	31.92	9.17	7.96	3.3	2.02	114.1
1067	6/21/2010 14:46	16.10	48.86	31.95	8.87	8.10	3.1	2.06	109.4
1068	6/21/2010 15:01	15.92	48.91	31.99	8.74	7.91	3.6	2.11	107.4
1069	6/21/2010 15:16	15.84	48.88	31.96	8.57	7.90	4.1	2.16	105.1
1070	6/21/2010 15:31	16.44	48.79	31.91	8.81	7.91	87.2	2.21	109.3
1071	6/21/2010 15:46	16.46	48.04	31.36	8.84	8.09	4.5	2.28	109.3
1072	6/21/2010 16:01	16.55	48.74	31.87	8.76	7.92	4.1	2.35	108.9
1073	6/21/2010 16:16	16.32	48.84	31.94	8.66	7.91	4.0	2.41	107.3
1074	6/21/2010 16:31	15.71	48.52	31.70	8.58	7.71	3.7	2.48	104.8
1075	6/21/2010 16:46	15.76	49.24	32.22	8.68	7.89	3.7	2.55	106.5
1076	6/21/2010 17:01	15.75	49.24	32.22	8.66	8.06	5.5	2.63	106.2
1077	6/21/2010 17:16	15.24	48.75	31.85	8.73	7.70	4.9	2.70	105.8
1078	6/21/2010 17:31	14.59	49.62	32.48	8.57	7.80	4.3	2.77	102.8
1079	6/21/2010 17:46	14.17	49.98	32.73	8.54	7.84	2.9	2.86	101.8
1080	6/21/2010 18:01	13.64	50.23	32.89	8.44	7.82	3.6	2.94	99.6
1081	6/21/2010 18:16	13.12	50.30	32.92	8.25	7.80	5.4	3.01	96.4
1082	6/21/2010 18:31	13.04	49.59	32.40	8.27	7.82	7.0	3.10	96.2
1083	6/21/2010 18:46	12.85	50.63	33.16	8.28	7.80	10.2	3.19	96.3
1084	6/21/2010 19:01	12.64	50.78	33.25	8.37	7.81	10.1	3.27	97.1
1085	6/21/2010 19:16	12.38	50.89	33.32	8.30	7.81	8.9	3.34	95.7
1086	6/21/2010 19:31	12.18	51.01	33.40	8.26	7.59	5.7	3.41	94.9
1087	6/21/2010 19:46	11.94	50.98	33.37	8.29	7.80	5.6	3.48	94.7
1088	6/21/2010 20:01	11.70	51.26	33.56	8.24	7.79	3.7	3.53	93.9
1089	6/21/2010 20:16	11.58	51.30	33.58	8.20	7.79	2.4	3.56	93.1
1090	6/21/2010 20:31	11.53	51.33	33.60	8.15	7.79	1.3	3.60	92.4
1091	6/21/2010 20:46	11.76	51.26	33.56	7.99	7.78	2.0	3.61	91.0
1092	6/21/2010 21:01	11.60	51.33	33.61	7.94	7.78	1.6	3.59	90.3
1093	6/21/2010 21:16	11.58	51.34	33.61	8.11	7.79	2.3	3.56	92.1
1094	6/21/2010 21:31	12.67	50.74	33.23	8.19	8.01	4.3	3.51	95.0
1095	6/21/2010 21:46	12.52	50.82	33.28	8.23	8.01	4.6	3.44	95.2
1096	6/21/2010 22:01	13.38	50.43	33.03	8.49	7.85	4.3	3.36	99.8
1097	6/21/2010 22:16	13.69	50.33	32.97	8.65	8.08	4.0	3.27	102.3
1098	6/21/2010 22:31	14.01	50.16	32.85	8.66	7.70	4.6	3.17	103.0
1099	6/21/2010 22:46	13.89	50.14	32.83	8.54	7.87	4.9	3.07	101.3
1100	6/21/2010 23:01	14.19	49.99	32.73	8.49	7.89	6.0	2.96	101.3
1101	6/21/2010 23:16	14.31	49.77	32.58	8.41	8.05	4.5	2.84	100.4
1102	6/21/2010 23:31	14.48	49.90	32.68	8.32	7.86	3.6	2.73	99.7
1103	6/21/2010 23:46	15.07	49.68	32.53	8.39	7.87	5.9	2.62	101.7
1104	6/22/2010 0:01	14.78	49.74	32.57	8.22	7.88	4.0	2.51	99.1
1105	6/22/2010 0:16	15.12	49.58	32.46	8.49	7.69	5.8	2.38	103.0
1106	6/22/2010 0:31	15.61	49.36	32.31	8.36	8.08	6.1	2.25	102.4
1107	6/22/2010 0:46	15.89	49.07	32.10	8.50	7.92	6.8	2.14	104.4
1108	6/22/2010 1:01	16.00	48.51	31.70	8.53	7.92	6.3	2.00	104.8
1109	6/22/2010 1:16	16.21	49.08	32.12	8.46	7.93	6.7	1.87	104.7
1110	6/22/2010 1:31	16.45	48.80	31.91	8.40	7.93	6.7	1.75	104.3
1111	6/22/2010 1:46	16.59	48.93	32.01	8.30	7.93	6.2	1.62	103.4
1112	6/22/2010 2:01	16.84	48.82	31.93	8.34	7.94	6.2	1.50	104.3

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	
1113	6/22/2010 2:16	17.12	48.69	31.84	8.33	7.95	6.6	1.40	104.8
1114	6/22/2010 2:31	17.29	48.36	31.60	8.33	7.95	6.7	1.31	104.9
1115	6/22/2010 2:46	17.37	48.50	31.70	8.21	7.93	5.7	1.25	103.6
1116	6/22/2010 3:01	17.43	48.59	31.77	8.13	7.96	6.0	1.20	102.8
1117	6/22/2010 3:16	17.45	48.61	31.78	7.96	7.95	4.8	1.18	100.7
1118	6/22/2010 3:31	17.34	48.62	31.79	8.21	7.94	5.2	1.18	103.5
1119	6/22/2010 3:46	17.25	48.64	31.81	8.13	7.94	5.7	1.21	102.4
1120	6/22/2010 4:01	17.14	48.68	31.83	8.19	7.94	5.0	1.25	103.0
1121	6/22/2010 4:16	17.09	48.69	31.84	8.20	7.94	6.1	1.30	103.0
1122	6/22/2010 4:31	17.03	48.71	31.85	8.21	7.94	6.2	1.36	103.0
1123	6/22/2010 4:46	17.06	48.57	31.75	8.22	7.93	5.6	1.42	103.1
1124	6/22/2010 5:01	17.29	47.28	30.81	8.13	7.94	6.8	1.49	101.9
1125	6/22/2010 5:16	17.21	48.12	31.43	8.08	7.91	7.6	1.56	101.5
1126	6/22/2010 5:31	17.09	48.27	31.53	8.13	7.77	5.9	1.62	102.0
1127	6/22/2010 5:46	16.97	48.37	31.61	8.15	7.92	5.4	1.69	101.9
1128	6/22/2010 6:01	16.90	48.35	31.59	8.11	7.92	5.5	1.77	101.3
1129	6/22/2010 6:16	16.70	48.59	31.76	8.12	7.92	6.0	1.84	101.2
1130	6/22/2010 6:31	16.54	48.31	31.55	8.08	7.91	5.7	1.91	100.3
1131	6/22/2010 6:46	16.34	48.73	31.86	8.11	8.07	5.1	1.99	100.4
1132	6/22/2010 7:01	16.04	48.89	31.97	8.10	7.89	4.9	2.08	99.8
1133	6/22/2010 7:16	15.47	48.66	31.80	8.14	7.87	4.6	2.15	99.1
1134	6/22/2010 7:31	15.41	49.10	32.12	8.20	7.87	4.2	2.24	99.8
1135	6/22/2010 7:46	15.29	49.25	32.22	8.29	7.88	5.1	2.32	100.7
1136	6/22/2010 8:01	15.08	49.56	32.44	8.26	7.88	4.9	2.39	100.1
1137	6/22/2010 8:16	14.99	49.59	32.46	8.24	7.87	3.7	2.46	99.7
1138	6/22/2010 8:31	14.84	49.66	32.51	8.20	7.87	3.6	2.52	98.9
1139	6/22/2010 8:46	14.74	49.44	32.34	8.20	8.05	3.7	2.59	98.6
1140	6/22/2010 9:01	14.64	49.66	32.50	8.17	7.86	3.7	2.64	98.1
1141	6/22/2010 9:16	14.37	49.74	32.55	8.24	7.86	3.7	2.68	98.5
1142	6/22/2010 9:31	14.22	49.75	32.56	8.26	7.96	3.4	2.74	98.5
1143	6/22/2010 9:46	14.15	49.16	32.12	8.22	8.04	3.1	2.77	97.5
1144	6/22/2010 10:01	14.09	49.90	32.66	8.15	7.80	2.6	2.80	97.0
1145	6/22/2010 10:16	14.07	49.82	32.61	8.00	7.65	1.0	2.81	95.1
1146	6/22/2010 10:31	14.12	49.60	32.45	8.01	7.66	2.0	2.83	95.2
1147	6/22/2010 10:46	14.07	49.43	32.32	7.95	8.02	1.8	2.82	94.3
1148	6/22/2010 11:01	13.98	49.55	32.40	8.02	7.83	2.4	2.79	95.0
1149	6/22/2010 11:16	14.08	49.51	32.38	8.06	7.84	2.8	2.76	95.7
1150	6/22/2010 11:31	14.19	49.85	32.63	8.00	7.84	2.5	2.71	95.4
1151	6/22/2010 11:46	14.58	49.68	32.52	8.25	7.87	3.7	2.66	99.0
1152	6/22/2010 12:01	14.99	49.58	32.46	8.46	7.72	4.9	2.59	102.4
1153	6/22/2010 12:16	15.20	49.47	32.38	8.65	7.91	3.2	2.52	105.1
1154	6/22/2010 12:31	15.43	49.49	32.40	8.95	7.93	3.4	2.47	109.2
1155	6/22/2010 12:46	15.62	49.40	32.34	9.13	7.96	2.8	2.40	111.8
1156	6/22/2010 13:01	15.86	49.30	32.27	9.33	7.98	3.5	2.33	114.7
1157	6/22/2010 13:16	15.97	49.23	32.22	9.20	7.96	3.4	2.27	113.3
1158	6/22/2010 13:31	16.22	49.17	32.18	9.86	8.17	4.1	2.22	122.1
1159	6/22/2010 13:46	16.34	48.98	32.04	9.57	8.01	3.1	2.18	118.6
1160	6/22/2010 14:01	16.50	48.94	32.01	9.44	7.99	3.0	2.13	117.4
1161	6/22/2010 14:16	16.56	48.97	32.04	9.74	8.00	2.5	2.10	121.2
1162	6/22/2010 14:31	16.62	48.94	32.02	9.32	8.02	1.5	2.10	116.1
1163	6/22/2010 14:46	16.22	49.05	32.09	9.01	7.95	1.6	2.08	111.5
1164	6/22/2010 15:01	16.10	49.10	32.13	8.97	7.95	1.6	2.08	110.8
1165	6/22/2010 15:16	16.34	49.11	32.14	9.74	8.16	2.7	2.10	120.8

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	
1166	6/22/2010 15:31	16.62	49.08	32.12	9.63	7.98	2.5	2.13	120.0
1167	6/22/2010 15:46	16.29	49.10	32.13	9.32	7.97	2.6	2.15	115.4
1168	6/22/2010 16:01	16.05	49.16	32.17	9.03	7.94	2.7	2.20	111.3
1169	6/22/2010 16:16	16.07	49.15	32.17	8.91	7.93	3.1	2.26	110.0
1170	6/22/2010 16:31	16.26	49.13	32.15	9.05	8.11	3.1	2.32	112.0
1171	6/22/2010 16:46	15.90	49.21	32.20	8.76	7.92	3.4	2.37	107.7
1172	6/22/2010 17:01	15.46	49.35	32.30	8.46	7.89	3.1	2.43	103.2
1173	6/22/2010 17:16	15.31	49.47	32.38	8.55	8.07	2.8	2.51	104.1
1174	6/22/2010 17:31	15.09	49.60	32.47	8.54	7.89	3.3	2.56	103.5
1175	6/22/2010 17:46	15.19	49.44	32.36	8.76	7.90	3.0	2.64	106.3
1176	6/22/2010 18:01	14.86	49.77	32.59	8.77	7.89	2.9	2.71	105.9
1177	6/22/2010 18:16	14.72	49.80	32.61	8.84	7.90	3.4	2.78	106.5
1178	6/22/2010 18:31	13.65	50.30	32.94	8.59	7.86	2.7	2.87	101.4
1179	6/22/2010 18:46	13.15	50.53	33.09	8.49	8.04	3.7	2.94	99.3
1180	6/22/2010 19:01	12.93	50.62	33.15	8.44	7.85	4.3	3.02	98.4
1181	6/22/2010 19:16	12.90	50.63	33.15	8.51	7.85	5.8	3.11	99.1
1182	6/22/2010 19:31	12.43	50.82	33.27	8.47	7.85	6.9	3.19	97.7
1183	6/22/2010 19:46	12.28	50.88	33.31	8.55	7.88	5.6	3.27	98.4
1184	6/22/2010 20:01	12.03	51.02	33.40	8.60	7.88	5.8	3.36	98.5
1185	6/22/2010 20:16	11.70	51.15	33.48	8.52	7.88	5.2	3.43	96.9
1186	6/22/2010 20:31	11.53	51.24	33.53	8.52	7.85	3.9	3.49	96.6
1187	6/22/2010 20:46	11.42	51.34	33.60	8.57	7.86	3.2	3.55	97.1
1188	6/22/2010 21:01	11.19	51.42	33.65	8.58	7.86	2.2	3.59	96.7
1189	6/22/2010 21:16	11.11	51.48	33.69	8.52	7.85	1.3	3.63	95.9
1190	6/22/2010 21:31	10.98	51.51	33.70	8.42	7.87	0.4	3.64	94.5
1191	6/22/2010 21:46	11.05	51.50	33.70	8.41	7.85	1.3	3.63	94.6
1192	6/22/2010 22:01	11.03	51.55	33.73	8.43	7.85	1.2	3.61	94.7
1193	6/22/2010 22:16	11.44	51.28	33.56	8.36	7.85	1.9	3.57	94.7
1194	6/22/2010 22:31	12.20	50.99	33.39	8.25	7.84	2.7	3.50	94.9
1195	6/22/2010 22:46	12.32	50.93	33.35	8.54	7.88	4.0	3.41	98.3
1196	6/22/2010 23:01	12.81	50.69	33.20	8.70	8.09	2.7	3.33	101.2
1197	6/22/2010 23:16	13.18	50.41	33.01	8.59	7.88	2.7	3.23	100.5
1198	6/22/2010 23:31	13.21	49.79	32.55	8.50	7.89	3.2	3.13	99.3
1199	6/22/2010 23:46	13.38	50.14	32.81	8.36	7.89	3.2	3.00	98.2
1200	6/23/2010 0:01	13.51	50.37	32.99	8.35	7.67	4.0	2.89	98.3
1201	6/23/2010 0:16	13.91	50.18	32.86	8.36	8.06	3.8	2.78	99.2
1202	6/23/2010 0:31	14.08	50.06	32.78	8.23	7.87	3.3	2.65	98.0
1203	6/23/2010 0:46	14.55	49.86	32.65	8.32	8.07	3.9	2.53	99.9
1204	6/23/2010 1:01	14.88	49.69	32.53	8.46	7.90	6.6	2.39	102.1
1205	6/23/2010 1:16	14.97	49.38	32.31	8.39	7.88	5.1	2.28	101.4
1206	6/23/2010 1:31	14.75	49.57	32.44	8.33	7.89	5.1	2.15	100.3
1207	6/23/2010 1:46	15.17	49.56	32.45	8.37	8.08	5.3	2.01	101.6
1208	6/23/2010 2:01	15.58	49.38	32.32	8.46	8.09	5.6	1.87	103.4
1209	6/23/2010 2:16	15.70	49.11	32.13	8.39	8.09	4.9	1.73	102.7
1210	6/23/2010 2:31	15.96	49.23	32.22	8.39	8.10	4.6	1.61	103.4
1211	6/23/2010 2:46	16.28	49.05	32.09	8.42	7.93	4.8	1.46	104.3
1212	6/23/2010 3:01	16.63	48.69	31.84	8.49	7.95	4.8	1.33	105.7
1213	6/23/2010 3:16	16.92	48.86	31.96	8.43	7.96	4.8	1.24	105.7
1214	6/23/2010 3:31	17.03	48.78	31.90	8.35	7.96	4.6	1.15	104.8
1215	6/23/2010 3:46	17.02	48.79	31.91	8.25	7.95	4.5	1.07	103.5
1216	6/23/2010 4:01	17.06	48.78	31.90	8.18	7.98	4.6	1.03	102.7
1217	6/23/2010 4:16	16.91	48.82	31.94	8.21	7.95	4.2	1.04	102.8
1218	6/23/2010 4:31	16.77	48.92	32.00	8.20	7.94	3.8	1.05	102.5

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	
1219	6/23/2010 4:46	16.72	48.89	31.98	8.23	7.94	5.6	1.09	102.7
1220	6/23/2010 5:01	16.68	48.89	31.98	8.24	7.94	6.7	1.15	102.8
1221	6/23/2010 5:16	16.63	48.93	32.01	8.29	7.96	5.6	1.21	103.2
1222	6/23/2010 5:31	16.62	48.93	32.01	8.34	7.94	4.8	1.28	103.9
1223	6/23/2010 5:46	16.56	48.89	31.98	8.31	7.94	4.6	1.33	103.4
1224	6/23/2010 6:01	16.59	48.78	31.90	8.22	7.93	6.4	1.40	102.4
1225	6/23/2010 6:16	16.66	48.42	31.64	8.20	7.93	5.8	1.47	102.0
1226	6/23/2010 6:31	16.62	48.45	31.66	8.19	7.93	5.7	1.54	101.9
1227	6/23/2010 6:46	16.55	48.50	31.69	8.17	7.92	5.7	1.61	101.4
1228	6/23/2010 7:01	16.46	48.61	31.78	8.13	7.92	5.7	1.69	100.8
1229	6/23/2010 7:16	16.35	48.70	31.84	8.14	7.92	7.5	1.77	100.8
1230	6/23/2010 7:31	16.12	48.73	31.86	8.18	7.91	6.3	1.86	100.9
1231	6/23/2010 7:46	16.00	48.74	31.86	8.20	7.91	5.3	1.96	100.9
1232	6/23/2010 8:01	15.37	49.34	32.29	8.22	7.89	4.4	2.05	100.1
1233	6/23/2010 8:16	15.25	49.50	32.41	8.25	7.89	4.8	2.15	100.2
1234	6/23/2010 8:31	15.17	49.54	32.43	8.31	7.90	4.3	2.24	100.9
1235	6/23/2010 8:46	15.11	49.50	32.40	8.33	7.90	5.3	2.32	101.0
1236	6/23/2010 9:01	14.83	49.69	32.53	8.31	7.89	5.1	2.41	100.3
1237	6/23/2010 9:16	14.62	49.82	32.62	8.30	7.88	5.0	2.48	99.8
1238	6/23/2010 9:31	14.49	49.90	32.67	8.30	7.70	5.1	2.56	99.5
1239	6/23/2010 9:46	14.18	49.93	32.69	8.35	7.88	6.0	2.63	99.6
1240	6/23/2010 10:01	14.00	49.93	32.69	8.35	7.87	5.1	2.69	99.1
1241	6/23/2010 10:16	13.86	49.96	32.70	8.36	7.87	4.2	2.74	99.0
1242	6/23/2010 10:31	13.75	49.91	32.66	8.40	7.87	4.0	2.79	99.3
1243	6/23/2010 10:46	13.51	50.20	32.86	8.37	7.87	3.1	2.84	98.5
1244	6/23/2010 11:01	13.14	50.42	33.01	8.43	7.87	2.5	2.87	98.6
1245	6/23/2010 11:16	12.90	50.58	33.12	8.46	7.87	1.7	2.89	98.5
Mean		14.87	47.80	31.15	8.05	7.86	12.0	2.38	96.4
Minimum		10.98	41.85	26.91	6.59	7.51	0.4	0.68	74.7
Maximum		17.95	51.55	33.73	10.04	8.17	168.4	3.77	125.2

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	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
0	6/23/2010 11:31	12.75	50.56	33.10	8.06	7.79		2.91	93.5
1	6/23/2010 11:46	12.82	50.61	33.14	7.93	7.79	4.0	2.92	92.2
2	6/23/2010 12:01	12.87	50.56	33.10	7.97	7.93	4.3	2.90	92.7
3	6/23/2010 12:16	13.12	50.16	32.82	7.97	7.79	4.4	2.85	93.1
4	6/23/2010 12:31	13.43	50.18	32.84	7.91	7.80	4.8	2.81	93.0
5	6/23/2010 12:46	13.97	49.59	32.43	8.14	7.83	4.8	2.77	96.4
6	6/23/2010 13:01	14.35	49.72	32.54	8.25	7.85	5.4	2.69	98.5
7	6/23/2010 13:16	14.69	49.75	32.58	8.57	7.88	5.5	2.63	103.2
8	6/23/2010 13:31	14.64	49.72	32.55	8.35	7.88	4.9	2.57	100.4
9	6/23/2010 13:46	15.21	49.43	32.35	9.07	7.94	5.2	2.50	110.2
10	6/23/2010 14:01	15.50	49.61	32.49	9.41	7.96	5.7	2.44	115.1
11	6/23/2010 14:16	15.82	49.53	32.44	9.58	8.05	5.3	2.37	117.8
12	6/23/2010 14:31	16.01	49.38	32.33	9.76	8.05	5.5	2.33	120.4
13	6/23/2010 14:46	16.23	49.34	32.30	9.89	8.06	4.9	2.29	122.5
14	6/23/2010 15:01	16.45	49.26	32.25	9.89	8.06	4.2	2.24	123.0
15	6/23/2010 15:16	16.58	49.26	32.25	10.00	8.06	4.8	2.21	124.7
16	6/23/2010 15:31	16.62	49.26	32.25	10.06	8.07	4.0	2.20	125.6
17	6/23/2010 15:46	16.61	49.37	32.33	10.44	8.08	5.2	2.18	130.3
18	6/23/2010 16:01	16.63	49.39	32.35	10.61	8.10	4.8	2.16	132.5
19	6/23/2010 16:16	16.70	49.20	32.21	10.17	8.08	4.2	2.20	127.1
20	6/23/2010 16:31	16.73	49.05	32.10	9.49	8.03	3.8	2.21	118.5
21	6/23/2010 16:46	16.22	49.32	32.29	9.63	8.03	3.9	2.24	119.2
22	6/23/2010 17:01	15.82	49.15	32.16	9.00	7.99	5.2	2.29	110.5
23	6/23/2010 17:16	15.92	49.14	32.15	8.88	8.00	6.0	2.34	109.3
24	6/23/2010 17:31	16.10	49.07	32.11	9.12	8.00	5.4	2.41	112.6
25	6/23/2010 17:46	15.52	49.43	32.36	8.70	7.97	4.8	2.46	106.3
26	6/23/2010 18:01	15.16	49.54	32.43	8.57	7.96	5.2	2.53	104.0
27	6/23/2010 18:16	14.68	49.80	32.61	8.42	7.95	4.6	2.61	101.3
28	6/23/2010 18:31	14.71	49.77	32.58	8.62	7.96	4.9	2.67	103.8
29	6/23/2010 18:46	14.31	49.97	32.72	8.58	7.88	4.6	2.74	102.6
30	6/23/2010 19:01	13.94	50.12	32.82	8.65	7.96	4.7	2.82	102.7
31	6/23/2010 19:16	13.08	50.49	33.06	8.40	7.84	5.5	2.90	98.2
32	6/23/2010 19:31	12.71	50.67	33.18	8.34	7.95	6.2	2.97	96.7
33	6/23/2010 19:46	12.45	50.81	33.27	8.24	7.95	6.5	3.05	95.1
34	6/23/2010 20:01	12.40	50.84	33.29	8.27	7.95	7.1	3.14	95.4
35	6/23/2010 20:16	12.03	50.96	33.35	8.35	7.96	7.3	3.21	95.7
36	6/23/2010 20:31	11.72	51.03	33.39	8.55	7.83	7.3	3.31	97.3
37	6/23/2010 20:46	11.64	51.15	33.48	8.68	7.98	7.7	3.38	98.7
38	6/23/2010 21:01	11.42	51.17	33.48	8.76	7.99	6.0	3.46	99.1
39	6/23/2010 21:16	11.05	51.32	33.57	8.73	7.84	5.2	3.54	98.1
40	6/23/2010 21:31	10.81	51.43	33.63	8.74	7.84	4.1	3.59	97.7
41	6/23/2010 21:46	10.62	51.56	33.72	8.83	8.00	3.8	3.65	98.4
42	6/23/2010 22:01	10.54	51.55	33.70	8.87	8.00	2.7	3.69	98.6
43	6/23/2010 22:16	10.52	51.52	33.68	8.83	8.00	1.6	3.72	98.1
44	6/23/2010 22:31	10.70	51.38	33.59	8.72	7.84	3.7	3.71	97.3
45	6/23/2010 22:46	10.58	51.37	33.57	8.79	7.84	2.3	3.69	97.7
46	6/23/2010 23:01	10.63	51.35	33.56	8.77	7.84	2.5	3.66	97.6
47	6/23/2010 23:16	11.42	51.27	33.55	8.41	7.97	5.1	3.59	95.2
48	6/23/2010 23:31	11.26	51.29	33.55	8.43	7.97	5.4	3.50	95.1
49	6/23/2010 23:46	11.74	51.09	33.44	8.49	7.98	6.7	3.41	96.7
50	6/24/2010 0:01	12.83	50.65	33.17	8.60	7.99	6.0	3.31	100.0
51	6/24/2010 0:16	12.86	50.63	33.16	8.55	7.98	8.9	3.20	99.5
52	6/24/2010 0:31	12.94	50.63	33.15	8.37	7.96	6.6	3.08	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	DO%
			mS/cm		mg/L		NTU	meters	
53	6/24/2010 0:46	13.24	50.46	33.04	8.24	7.95	6.2	2.96	96.6
54	6/24/2010 1:01	13.60	50.17	32.85	8.35	7.87	7.8	2.85	98.5
55	6/24/2010 1:16	14.08	49.95	32.70	8.26	7.88	7.7	2.71	98.2
56	6/24/2010 1:31	14.42	49.75	32.56	8.27	7.88	7.5	2.60	99.0
57	6/24/2010 1:46	14.74	49.73	32.56	8.19	7.90	7.8	2.46	98.7
58	6/24/2010 2:01	13.81	50.25	32.91	8.18	7.96	7.0	2.33	96.9
59	6/24/2010 2:16	14.39	49.94	32.71	8.16	7.87	11.7	2.18	97.7
60	6/24/2010 2:31	14.90	49.53	32.41	8.12	7.97	7.9	2.04	98.1
61	6/24/2010 2:46	15.17	49.48	32.38	8.14	7.97	7.9	1.91	98.8
62	6/24/2010 3:01	15.17	49.33	32.28	8.08	7.89	7.4	1.75	98.0
63	6/24/2010 3:16	15.53	49.38	32.32	8.03	7.90	7.6	1.60	98.1
64	6/24/2010 3:31	15.73	49.36	32.31	8.04	7.97	8.2	1.47	98.6
65	6/24/2010 3:46	16.05	49.19	32.19	8.06	7.98	7.8	1.34	99.4
66	6/24/2010 4:01	16.27	48.91	31.99	8.00	7.98	8.4	1.21	99.0
67	6/24/2010 4:16	16.48	48.96	32.03	7.91	7.98	8.1	1.10	98.3
68	6/24/2010 4:31	16.48	48.99	32.05	7.81	7.97	8.0	1.01	97.0
69	6/24/2010 4:46	16.77	48.82	31.93	7.81	7.97	7.4	0.98	97.6
70	6/24/2010 5:01	16.51	48.98	32.04	7.45	7.95	5.6	0.95	92.7
71	6/24/2010 5:16	16.61	48.90	31.99	7.69	7.96	7.3	0.98	95.7
72	6/24/2010 5:31	16.77	48.87	31.97	7.76	7.97	7.0	1.04	96.9
73	6/24/2010 5:46	16.65	48.84	31.95	7.80	7.97	6.8	1.09	97.2
74	6/24/2010 6:01	16.56	48.97	32.04	7.76	7.97	7.6	1.15	96.6
75	6/24/2010 6:16	16.56	48.84	31.95	7.82	7.97	6.8	1.21	97.2
76	6/24/2010 6:31	16.52	48.96	32.03	7.80	7.96	7.9	1.28	97.0
77	6/24/2010 6:46	16.47	48.87	31.96	7.80	7.96	8.9	1.35	96.8
78	6/24/2010 7:01	16.49	48.51	31.71	7.79	7.96	9.0	1.40	96.6
79	6/24/2010 7:16	16.45	48.55	31.73	7.75	7.95	9.5	1.48	96.1
80	6/24/2010 7:31	16.38	48.59	31.76	7.75	7.95	11.5	1.56	95.9
81	6/24/2010 7:46	16.33	48.59	31.76	7.73	7.95	11.1	1.65	95.6
82	6/24/2010 8:01	16.24	48.58	31.75	7.74	7.95	13.4	1.73	95.5
83	6/24/2010 8:16	15.86	48.83	31.93	7.80	7.94	12.5	1.83	95.7
84	6/24/2010 8:31	15.32	49.27	32.23	7.89	7.87	8.6	1.93	96.0
85	6/24/2010 8:46	15.12	49.23	32.20	7.97	7.87	8.4	2.02	96.5
86	6/24/2010 9:01	15.10	49.29	32.24	8.01	7.87	8.3	2.13	97.0
87	6/24/2010 9:16	14.97	49.56	32.44	8.09	7.95	8.1	2.22	97.8
88	6/24/2010 9:31	14.83	49.49	32.39	8.14	7.88	8.7	2.32	98.1
89	6/24/2010 9:46	14.55	49.65	32.49	8.11	7.86	9.0	2.41	97.2
90	6/24/2010 10:01	14.35	49.62	32.47	8.11	7.86	8.8	2.49	96.9
91	6/24/2010 10:16	14.16	49.77	32.57	8.15	7.85	9.5	2.57	97.0
92	6/24/2010 10:31	13.87	49.66	32.48	8.21	7.85	9.0	2.65	97.1
93	6/24/2010 10:46	13.69	50.01	32.73	8.23	7.95	8.4	2.71	97.2
94	6/24/2010 11:01	13.58	49.94	32.68	8.27	7.84	7.6	2.77	97.4
95	6/24/2010 11:16	13.23	50.24	32.89	8.25	7.95	7.0	2.83	96.6
96	6/24/2010 11:31	12.77	50.55	33.09	8.30	7.96	6.8	2.89	96.3
97	6/24/2010 11:46	12.43	50.72	33.20	8.37	7.96	6.7	2.93	96.5
98	6/24/2010 12:01	12.22	50.78	33.23	8.42	7.97	5.1	2.96	96.7
99	6/24/2010 12:16	12.20	50.68	33.16	8.29	7.97	3.2	2.98	95.1
100	6/24/2010 12:31	12.43	50.69	33.18	8.34	7.83	4.4	3.00	96.1
101	6/24/2010 12:46	12.19	50.77	33.22	8.31	7.96	2.9	3.00	95.4
102	6/24/2010 13:01	12.18	50.90	33.32	8.42	7.97	3.7	2.96	96.7
103	6/24/2010 13:16	12.31	50.84	33.28	8.40	7.96	5.3	2.93	96.7
104	6/24/2010 13:31	12.95	50.41	33.00	8.49	7.96	4.9	2.86	98.9
105	6/24/2010 13:46	13.28	50.20	32.86	8.49	7.86	8.7	2.80	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	DO%
			mS/cm		mg/L		NTU	meters	
106	6/24/2010 14:01	13.71	50.01	32.74	8.52	7.87	6.8	2.76	100.6
107	6/24/2010 14:16	13.95	49.99	32.72	8.54	7.97	6.5	2.68	101.4
108	6/24/2010 14:31	14.23	49.89	32.66	8.61	7.89	6.2	2.60	102.7
109	6/24/2010 14:46	14.58	49.82	32.62	8.74	7.99	6.0	2.54	105.0
110	6/24/2010 15:01	14.97	49.55	32.44	9.05	7.94	6.3	2.48	109.5
111	6/24/2010 15:16	15.12	49.59	32.47	9.00	7.94	4.9	2.43	109.1
112	6/24/2010 15:31	15.44	49.66	32.52	9.61	8.04	5.0	2.35	117.3
113	6/24/2010 15:46	15.75	49.34	32.30	10.12	8.07	5.0	2.32	124.2
114	6/24/2010 16:01	15.91	49.32	32.29	10.08	8.07	5.2	2.29	124.0
115	6/24/2010 16:16	15.97	49.55	32.45	9.96	8.06	4.8	2.24	122.8
116	6/24/2010 16:31	16.03	49.32	32.28	9.76	8.05	4.2	2.21	120.3
117	6/24/2010 16:46	16.15	49.27	32.25	9.83	8.07	3.8	2.21	121.6
118	6/24/2010 17:01	16.12	49.59	32.48	10.57	8.10	5.7	2.22	130.8
119	6/24/2010 17:16	15.92	49.31	32.28	10.06	8.07	5.2	2.23	123.9
120	6/24/2010 17:31	15.77	49.42	32.35	9.80	7.99	5.5	2.25	120.3
121	6/24/2010 17:46	15.67	49.49	32.40	9.44	7.96	5.4	2.30	115.7
122	6/24/2010 18:01	15.57	49.59	32.48	9.35	8.02	6.2	2.36	114.4
123	6/24/2010 18:16	15.33	49.62	32.50	9.04	8.00	5.6	2.41	110.2
124	6/24/2010 18:31	15.34	49.61	32.49	9.09	7.93	5.2	2.47	110.8
125	6/24/2010 18:46	14.73	49.67	32.51	8.79	7.89	6.2	2.55	105.8
126	6/24/2010 19:01	14.63	49.80	32.61	8.97	7.90	5.9	2.62	107.8
127	6/24/2010 19:16	14.05	50.02	32.75	8.78	7.87	5.5	2.68	104.4
128	6/24/2010 19:31	13.78	50.07	32.78	8.82	7.87	5.9	2.76	104.3
129	6/24/2010 19:46	13.19	50.40	33.00	8.77	7.85	7.1	2.84	102.7
130	6/24/2010 20:01	12.76	50.37	32.96	8.65	7.84	6.6	2.92	100.3
131	6/24/2010 20:16	12.45	50.78	33.25	8.54	7.97	6.0	3.00	98.6
132	6/24/2010 20:31	12.16	50.57	33.07	8.47	7.82	6.4	3.09	97.1
133	6/24/2010 20:46	12.15	50.91	33.33	8.73	7.98	8.5	3.17	100.2
134	6/24/2010 21:01	11.64	50.98	33.35	8.93	7.84	8.7	3.25	101.4
135	6/24/2010 21:16	11.40	51.10	33.43	8.88	7.83	6.8	3.33	100.4
136	6/24/2010 21:31	11.06	51.11	33.41	8.76	7.82	6.0	3.42	98.3
137	6/24/2010 21:46	10.67	51.44	33.63	8.54	7.98	5.0	3.50	95.1
138	6/24/2010 22:01	10.51	51.43	33.61	8.50	7.97	3.6	3.57	94.4
139	6/24/2010 22:16	10.46	51.41	33.59	8.56	7.97	3.5	3.64	94.9
140	6/24/2010 22:31	10.34	51.48	33.63	8.55	7.98	3.4	3.70	94.6
141	6/24/2010 22:46	10.19	51.59	33.70	8.64	7.98	2.4	3.73	95.3
142	6/24/2010 23:01	10.17	51.62	33.73	8.63	7.98	2.1	3.75	95.2
143	6/24/2010 23:16	10.44	51.47	33.64	8.46	7.97	2.4	3.76	93.8
144	6/24/2010 23:31	10.27	51.40	33.57	8.58	7.80	2.5	3.73	94.8
145	6/24/2010 23:46	10.25	51.60	33.72	8.64	7.98	2.4	3.70	95.5
146	6/25/2010 0:01	11.58	50.95	33.32	8.29	7.97	4.5	3.62	94.0
147	6/25/2010 0:16	11.49	51.18	33.49	8.34	7.97	4.0	3.53	94.5
148	6/25/2010 0:31	11.42	51.15	33.46	8.38	7.97	3.2	3.45	94.8
149	6/25/2010 0:46	11.83	51.06	33.42	8.36	7.96	4.5	3.33	95.4
150	6/25/2010 1:01	12.23	50.81	33.25	8.42	7.83	4.4	3.23	96.8
151	6/25/2010 1:16	12.43	50.83	33.28	8.45	7.97	4.6	3.11	97.5
152	6/25/2010 1:31	12.50	50.84	33.29	8.52	7.97	4.6	2.99	98.4
153	6/25/2010 1:46	12.82	50.66	33.17	8.46	7.97	4.3	2.88	98.4
154	6/25/2010 2:01	12.88	50.47	33.03	8.42	7.84	4.2	2.74	98.0
155	6/25/2010 2:16	13.12	50.55	33.11	8.29	7.96	4.6	2.61	96.9
156	6/25/2010 2:31	13.82	50.34	32.98	8.12	7.96	4.9	2.48	96.2
157	6/25/2010 2:46	14.47	49.70	32.53	8.42	7.88	7.4	2.36	100.9
158	6/25/2010 3:01	14.10	50.09	32.80	8.33	7.85	6.6	2.20	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	DO%
			mS/cm		mg/L		NTU	meters	
159	6/25/2010 3:16	14.51	49.95	32.71	8.25	7.97	7.1	2.05	99.0
160	6/25/2010 3:31	14.95	49.67	32.52	8.24	7.97	7.7	1.92	99.7
161	6/25/2010 3:46	15.13	49.72	32.56	8.17	7.97	7.6	1.78	99.1
162	6/25/2010 4:01	15.45	49.26	32.23	8.14	7.97	8.2	1.61	99.2
163	6/25/2010 4:16	15.84	49.16	32.17	8.13	7.90	7.6	1.47	99.8
164	6/25/2010 4:31	16.02	49.00	32.06	8.13	7.91	8.0	1.33	100.2
165	6/25/2010 4:46	16.26	48.92	32.00	8.06	7.91	7.8	1.21	99.8
166	6/25/2010 5:01	16.38	49.00	32.06	7.97	7.91	7.2	1.10	98.9
167	6/25/2010 5:16	16.51	49.08	32.12	7.88	7.96	7.6	0.99	98.1
168	6/25/2010 5:31	16.61	48.94	32.02	7.79	7.95	6.5	0.94	97.0
169	6/25/2010 5:46	16.47	49.09	32.12	7.82	7.90	9.8	0.95	97.2
170	6/25/2010 6:01	16.41	49.14	32.16	7.84	7.89	7.3	0.95	97.4
171	6/25/2010 6:16	16.38	49.16	32.17	7.86	7.90	5.9	1.00	97.6
172	6/25/2010 6:31	16.31	49.01	32.06	7.90	7.90	6.7	1.07	97.9
173	6/25/2010 6:46	16.27	49.02	32.07	7.95	7.90	6.8	1.13	98.4
174	6/25/2010 7:01	16.22	49.07	32.11	7.96	7.90	6.3	1.19	98.5
175	6/25/2010 7:16	16.18	48.94	32.01	7.94	7.90	7.2	1.27	98.1
176	6/25/2010 7:31	16.14	49.02	32.07	7.91	7.89	8.3	1.35	97.7
177	6/25/2010 7:46	16.15	48.81	31.92	7.85	7.89	10.4	1.40	96.8
178	6/25/2010 8:01	16.21	48.49	31.68	7.84	7.88	11.1	1.48	96.6
179	6/25/2010 8:16	16.18	48.61	31.77	7.85	7.94	8.6	1.57	96.8
180	6/25/2010 8:31	15.95	49.08	32.11	7.84	7.95	10.0	1.66	96.4
181	6/25/2010 8:46	15.73	49.08	32.10	7.91	7.88	7.9	1.74	96.9
182	6/25/2010 9:01	15.43	49.25	32.22	7.95	7.87	6.8	1.85	96.8
183	6/25/2010 9:16	15.21	49.52	32.41	8.00	7.87	7.6	1.96	97.2
184	6/25/2010 9:31	15.10	49.54	32.43	8.13	7.96	6.8	2.04	98.5
185	6/25/2010 9:46	14.86	49.74	32.57	8.28	7.87	7.8	2.16	99.9
186	6/25/2010 10:01	14.69	49.70	32.53	8.31	7.87	7.8	2.26	100.0
187	6/25/2010 10:16	14.48	49.83	32.63	8.27	7.87	8.2	2.36	99.2
188	6/25/2010 10:31	14.36	50.02	32.76	8.25	7.86	7.8	2.45	98.8
189	6/25/2010 10:46	14.17	49.93	32.69	8.31	7.86	7.6	2.53	99.0
190	6/25/2010 11:01	13.89	50.01	32.73	8.27	7.96	7.9	2.62	98.1
191	6/25/2010 11:16	13.61	50.07	32.77	8.38	7.85	9.4	2.69	98.7
192	6/25/2010 11:31	13.42	50.30	32.93	8.41	7.97	8.6	2.76	98.8
193	6/25/2010 11:46	13.27	50.34	32.96	8.41	7.97	7.9	2.83	98.6
194	6/25/2010 12:01	12.75	50.47	33.03	8.37	7.97	7.9	2.89	97.1
195	6/25/2010 12:16	12.31	50.54	33.06	8.47	7.82	7.0	2.95	97.4
196	6/25/2010 12:31	11.95	50.71	33.17	8.61	7.82	5.7	3.00	98.3
197	6/25/2010 12:46	11.82	51.02	33.39	8.64	7.98	4.6	3.03	98.5
198	6/25/2010 13:01	11.80	51.06	33.42	8.63	7.99	3.4	3.06	98.3
199	6/25/2010 13:16	11.83	51.06	33.42	8.55	7.97	4.7	3.08	97.6
200	6/25/2010 13:31	11.94	50.94	33.33	8.54	7.97	3.7	3.07	97.5
201	6/25/2010 13:46	11.86	51.01	33.38	8.63	7.82	4.1	3.04	98.5
202	6/25/2010 14:01	12.03	50.80	33.24	8.69	7.83	5.4	2.99	99.4
203	6/25/2010 14:16	12.53	50.81	33.27	8.80	7.99	4.3	2.94	101.7
204	6/25/2010 14:31	12.90	50.64	33.16	8.82	7.86	4.9	2.88	102.7
205	6/25/2010 14:46	13.64	50.40	33.01	8.96	7.99	6.2	2.81	105.8
206	6/25/2010 15:01	14.19	50.04	32.77	9.21	8.01	6.8	2.73	109.8
207	6/25/2010 15:16	14.67	50.17	32.88	9.48	8.02	5.9	2.66	114.2
208	6/25/2010 15:31	15.20	49.84	32.65	10.01	7.98	5.4	2.59	121.8
209	6/25/2010 15:46	15.17	49.92	32.71	9.74	7.96	5.9	2.53	118.4
210	6/25/2010 16:01	15.72	50.01	32.78	10.76	8.09	5.6	2.46	132.4
211	6/25/2010 16:16	15.88	49.69	32.55	10.82	8.04	5.7	2.41	133.3

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	
212	6/25/2010 16:31	15.95	49.75	32.60	10.68	8.03	5.0	2.36	131.8
213	6/25/2010 16:46	16.20	49.75	32.60	10.86	8.05	4.9	2.31	134.7
214	6/25/2010 17:01	16.31	49.84	32.67	10.65	8.10	4.3	2.27	132.5
215	6/25/2010 17:16	16.42	49.71	32.58	10.56	8.04	4.0	2.25	131.4
216	6/25/2010 17:31	16.46	49.73	32.60	10.36	8.04	3.7	2.23	129.1
217	6/25/2010 17:46	16.62	49.55	32.46	10.83	8.07	4.1	2.24	135.3
218	6/25/2010 18:01	16.34	49.80	32.64	10.79	8.05	3.9	2.26	134.2
219	6/25/2010 18:16	16.14	49.63	32.51	10.47	8.02	4.3	2.28	129.7
220	6/25/2010 18:31	16.29	49.45	32.38	10.10	8.00	4.1	2.33	125.3
221	6/25/2010 18:46	16.14	49.66	32.54	9.90	7.99	4.3	2.38	122.6
222	6/25/2010 19:01	15.78	49.80	32.63	9.73	7.97	4.8	2.44	119.7
223	6/25/2010 19:16	15.85	49.76	32.60	9.73	7.97	4.7	2.50	119.8
224	6/25/2010 19:31	15.42	49.90	32.70	9.53	8.03	4.8	2.58	116.5
225	6/25/2010 19:46	15.08	49.81	32.62	9.38	7.92	5.0	2.65	113.8
226	6/25/2010 20:01	14.56	50.06	32.80	9.23	7.90	4.7	2.70	111.0
227	6/25/2010 20:16	14.26	50.27	32.94	9.28	8.02	4.5	2.79	111.0
228	6/25/2010 20:31	13.70	50.36	32.99	9.21	7.88	4.3	2.87	109.0
229	6/25/2010 20:46	12.83	50.73	33.23	8.96	7.85	4.9	2.94	104.2
230	6/25/2010 21:01	12.53	50.82	33.28	8.90	7.99	4.9	3.02	103.0
231	6/25/2010 21:16	12.33	50.93	33.35	8.84	7.99	11.5	3.11	101.9
232	6/25/2010 21:31	12.15	50.88	33.30	8.87	7.99	10.4	3.20	101.7
233	6/25/2010 21:46	12.11	50.99	33.39	9.35	7.86	12.8	3.28	107.3
234	6/25/2010 22:01	11.62	51.15	33.47	9.44	7.85	11.7	3.36	107.2
235	6/25/2010 22:16	11.33	51.34	33.60	9.35	8.01	8.9	3.45	105.6
236	6/25/2010 22:31	11.02	51.45	33.66	9.28	8.01	9.9	3.53	104.2
237	6/25/2010 22:46	10.80	51.49	33.68	9.19	8.00	6.3	3.58	102.7
238	6/25/2010 23:01	10.65	51.46	33.64	9.20	8.00	7.8	3.65	102.4
239	6/25/2010 23:16	10.46	51.58	33.72	9.22	7.82	6.4	3.71	102.3
240	6/25/2010 23:31	10.44	51.52	33.67	9.22	7.82	2.5	3.73	102.3
241	6/25/2010 23:46	10.91	51.40	33.62	9.07	7.83	2.6	3.74	101.5
242	6/26/2010 0:01	10.62	51.50	33.67	9.08	7.82	5.2	3.74	101.1
243	6/26/2010 0:16	10.52	51.54	33.69	9.14	7.82	2.4	3.72	101.5
244	6/26/2010 0:31	10.90	51.29	33.53	9.01	7.82	3.4	3.66	100.9
245	6/26/2010 0:46	11.35	51.34	33.59	8.91	7.99	4.6	3.58	100.7
246	6/26/2010 1:01	11.47	51.15	33.47	8.88	7.82	5.2	3.50	100.5
247	6/26/2010 1:16	12.33	50.87	33.31	8.82	8.00	4.5	3.41	101.6
248	6/26/2010 1:31	12.77	50.87	33.33	8.80	7.99	5.1	3.30	102.3
249	6/26/2010 1:46	12.92	50.77	33.25	8.89	8.01	6.3	3.18	103.6
250	6/26/2010 2:01	12.77	50.79	33.26	8.82	7.86	4.3	3.07	102.5
251	6/26/2010 2:16	13.11	50.73	33.24	8.78	8.00	5.1	2.95	102.8
252	6/26/2010 2:31	13.88	50.46	33.07	8.78	8.00	7.0	2.83	104.2
253	6/26/2010 2:46	13.48	50.38	33.00	8.77	7.85	5.5	2.71	103.3
254	6/26/2010 3:01	13.97	50.35	32.99	8.60	7.87	6.7	2.56	102.3
255	6/26/2010 3:16	14.65	49.99	32.75	8.53	7.89	6.3	2.44	102.7
256	6/26/2010 3:31	14.67	50.19	32.89	8.58	7.99	7.8	2.29	103.4
257	6/26/2010 3:46	15.06	49.99	32.76	8.44	8.00	7.3	2.14	102.5
258	6/26/2010 4:01	15.27	49.63	32.50	8.38	7.90	7.3	2.00	102.0
259	6/26/2010 4:16	15.25	49.91	32.70	8.24	7.89	6.7	1.86	100.4
260	6/26/2010 4:31	15.52	49.85	32.66	8.19	7.99	6.7	1.71	100.3
261	6/26/2010 4:46	15.74	49.66	32.53	8.10	7.90	7.3	1.54	99.5
262	6/26/2010 5:01	16.03	49.33	32.30	8.14	7.91	7.9	1.43	100.4
263	6/26/2010 5:16	16.21	49.56	32.47	8.11	7.92	7.6	1.28	100.6
264	6/26/2010 5:31	16.51	49.49	32.42	8.01	7.92	8.1	1.15	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	DO%
			mS/cm		mg/L		NTU	meters	
265	6/26/2010 5:46	16.60	49.39	32.35	7.94	7.92	7.7	1.04	99.1
266	6/26/2010 6:01	16.92	49.37	32.33	7.71	7.92	8.3	0.95	96.8
267	6/26/2010 6:16	16.81	49.35	32.32	7.71	7.91	7.7	0.92	96.6
268	6/26/2010 6:31	16.79	49.27	32.26	7.69	7.91	9.0	0.91	96.3
269	6/26/2010 6:46	16.91	49.34	32.32	7.70	7.91	8.2	0.95	96.6
270	6/26/2010 7:01	16.91	49.30	32.28	7.76	7.92	7.7	1.02	97.3
271	6/26/2010 7:16	16.74	49.37	32.33	7.76	7.98	8.1	1.09	97.1
272	6/26/2010 7:31	16.71	49.31	32.29	7.84	7.91	7.1	1.15	98.0
273	6/26/2010 7:46	16.67	49.38	32.34	7.82	7.91	7.5	1.22	97.7
274	6/26/2010 8:01	16.66	49.39	32.35	7.75	7.97	8.9	1.29	96.8
275	6/26/2010 8:16	16.73	49.07	32.11	7.76	7.90	9.3	1.34	96.9
276	6/26/2010 8:31	16.70	49.01	32.07	7.75	7.90	10.1	1.42	96.8
277	6/26/2010 8:46	16.67	49.00	32.07	7.76	7.90	10.3	1.49	96.8
278	6/26/2010 9:01	16.60	49.13	32.15	7.76	7.90	9.2	1.58	96.7
279	6/26/2010 9:16	16.57	48.90	31.99	7.74	7.96	10.9	1.68	96.4
280	6/26/2010 9:31	16.50	49.04	32.09	7.83	7.90	9.9	1.77	97.4
281	6/26/2010 9:46	15.60	49.61	32.49	8.02	7.88	7.0	1.87	98.2
282	6/26/2010 10:01	15.46	49.73	32.58	8.12	7.88	7.4	1.99	99.2
283	6/26/2010 10:16	15.30	49.87	32.68	8.22	7.99	7.8	2.09	100.2
284	6/26/2010 10:31	15.12	49.93	32.72	8.31	7.89	8.4	2.19	101.0
285	6/26/2010 10:46	15.06	49.97	32.74	8.38	8.00	7.5	2.29	101.7
286	6/26/2010 11:01	14.71	50.17	32.88	8.36	8.00	8.5	2.39	100.9
287	6/26/2010 11:16	14.58	50.13	32.85	8.40	8.00	8.5	2.49	101.1
288	6/26/2010 11:31	14.44	50.07	32.80	8.51	7.88	8.4	2.57	102.1
289	6/26/2010 11:46	14.10	50.05	32.77	8.64	7.87	8.7	2.66	102.8
290	6/26/2010 12:01	13.81	50.25	32.91	8.67	7.86	9.9	2.73	102.7
291	6/26/2010 12:16	13.62	50.42	33.03	8.70	8.00	9.5	2.81	102.8
292	6/26/2010 12:31	13.32	50.22	32.87	8.73	7.85	9.4	2.87	102.3
293	6/26/2010 12:46	12.78	50.70	33.20	8.82	7.85	8.7	2.93	102.5
294	6/26/2010 13:01	12.22	51.01	33.41	9.05	8.01	7.0	2.99	104.1
295	6/26/2010 13:16	12.13	50.95	33.35	9.08	7.85	6.1	3.02	104.2
296	6/26/2010 13:31	12.07	51.02	33.40	9.11	7.85	5.4	3.07	104.4
297	6/26/2010 13:46	12.03	51.09	33.45	9.15	7.86	3.4	3.09	104.9
298	6/26/2010 14:01	12.29	51.03	33.42	9.13	8.02	4.9	3.10	105.1
299	6/26/2010 14:16	12.24	51.04	33.43	8.98	8.01	4.0	3.08	103.3
300	6/26/2010 14:31	12.14	51.06	33.44	9.12	8.02	4.0	3.06	104.7
301	6/26/2010 14:46	12.75	50.80	33.27	9.30	7.88	5.4	3.00	108.1
302	6/26/2010 15:01	12.96	50.72	33.23	9.29	7.88	4.3	2.95	108.3
303	6/26/2010 15:16	13.37	50.57	33.13	9.25	7.89	5.7	2.87	108.8
304	6/26/2010 15:31	14.04	50.31	32.97	9.39	7.92	6.2	2.79	111.8
305	6/26/2010 15:46	14.55	50.33	32.99	9.53	7.95	5.2	2.73	114.7
306	6/26/2010 16:01	14.65	50.06	32.80	9.54	7.94	5.6	2.65	114.9
307	6/26/2010 16:16	15.05	50.05	32.80	10.09	7.98	6.0	2.56	122.5
308	6/26/2010 16:31	15.46	50.22	32.93	10.69	8.02	5.1	2.50	131.0
309	6/26/2010 16:46	15.73	50.12	32.86	10.61	8.03	4.9	2.44	130.6
310	6/26/2010 17:01	15.98	50.05	32.82	10.78	8.05	4.7	2.38	133.3
311	6/26/2010 17:16	16.27	50.08	32.85	10.82	8.06	4.3	2.31	134.6
312	6/26/2010 17:31	16.48	49.91	32.72	10.37	8.11	4.6	2.27	129.4
313	6/26/2010 17:46	16.72	49.81	32.65	10.69	8.06	4.3	2.24	134.0
314	6/26/2010 18:01	16.74	49.78	32.63	10.37	8.05	3.9	2.22	130.0
315	6/26/2010 18:16	16.79	49.71	32.58	10.24	8.05	2.8	2.19	128.4
316	6/26/2010 18:31	16.70	49.80	32.65	10.50	8.06	4.3	2.20	131.6
317	6/26/2010 18:46	16.42	49.89	32.71	10.42	8.03	4.7	2.22	129.9

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	
318	6/26/2010 19:01	16.40	49.93	32.74	10.41	8.03	4.7	2.25	129.7
319	6/26/2010 19:16	16.40	49.87	32.69	10.01	8.08	4.5	2.29	124.7
320	6/26/2010 19:31	16.17	49.85	32.67	9.89	7.99	6.1	2.34	122.6
321	6/26/2010 19:46	16.05	49.89	32.71	9.69	8.07	5.6	2.40	120.0
322	6/26/2010 20:01	15.93	49.98	32.77	9.57	8.06	5.7	2.47	118.2
323	6/26/2010 20:16	15.66	49.96	32.74	9.58	8.06	5.8	2.53	117.6
324	6/26/2010 20:31	15.28	50.14	32.87	9.47	7.94	5.7	2.60	115.5
325	6/26/2010 20:46	14.85	50.29	32.97	9.53	8.05	4.8	2.67	115.3
326	6/26/2010 21:01	14.18	50.57	33.15	9.41	8.04	5.2	2.75	112.5
327	6/26/2010 21:16	13.61	50.53	33.10	9.37	8.04	5.6	2.81	110.7
328	6/26/2010 21:31	13.18	50.86	33.34	9.27	8.03	4.9	2.90	108.6
329	6/26/2010 21:46	12.86	50.94	33.38	9.23	8.03	5.6	2.97	107.5
330	6/26/2010 22:01	12.63	50.92	33.35	9.17	7.86	5.4	3.05	106.3
331	6/26/2010 22:16	12.35	51.13	33.50	9.22	8.03	5.8	3.14	106.3
332	6/26/2010 22:31	12.34	51.16	33.52	9.50	8.05	7.1	3.22	109.6
333	6/26/2010 22:46	11.96	51.29	33.59	9.62	8.05	5.3	3.30	110.2
334	6/26/2010 23:01	11.64	51.22	33.52	9.52	8.05	4.6	3.37	108.2
335	6/26/2010 23:16	11.34	51.37	33.62	9.42	8.04	4.1	3.45	106.5
336	6/26/2010 23:31	11.05	51.30	33.55	9.38	7.86	3.4	3.51	105.4
337	6/26/2010 23:46	10.96	51.41	33.63	9.37	7.86	3.1	3.57	105.1
338	6/27/2010 0:01	10.77	51.60	33.75	9.35	8.03	2.4	3.62	104.6
339	6/27/2010 0:16	10.66	51.59	33.74	9.33	7.85	1.7	3.64	104.0
340	6/27/2010 0:31	11.03	51.39	33.62	9.17	8.02	2.5	3.66	103.0
341	6/27/2010 0:46	10.77	51.64	33.78	9.24	8.03	2.0	3.64	103.2
342	6/27/2010 1:01	10.69	51.64	33.78	9.29	8.03	2.1	3.61	103.7
343	6/27/2010 1:16	11.05	51.37	33.60	9.17	7.85	2.1	3.56	103.0
344	6/27/2010 1:31	12.33	50.87	33.31	9.04	7.87	3.2	3.49	104.1
345	6/27/2010 1:46	12.21	51.12	33.49	9.04	8.02	3.1	3.40	104.0
346	6/27/2010 2:01	12.55	51.06	33.45	8.97	8.02	3.4	3.30	103.9
347	6/27/2010 2:16	13.07	50.71	33.22	8.94	8.03	4.8	3.20	104.5
348	6/27/2010 2:31	13.06	50.68	33.20	8.98	7.88	4.9	3.09	105.0
349	6/27/2010 2:46	13.05	50.80	33.29	8.90	7.86	3.5	2.97	104.0
350	6/27/2010 3:01	13.47	50.75	33.26	8.96	8.01	4.7	2.84	105.6
351	6/27/2010 3:16	13.93	50.46	33.07	8.94	7.89	5.7	2.73	106.2
352	6/27/2010 3:31	14.15	50.30	32.96	8.74	7.88	5.1	2.62	104.2
353	6/27/2010 3:46	14.83	50.23	32.93	8.81	7.91	7.7	2.48	106.6
354	6/27/2010 4:01	14.52	50.26	32.94	8.70	8.01	5.4	2.35	104.5
355	6/27/2010 4:16	14.53	50.35	33.01	8.69	7.88	6.1	2.21	104.5
356	6/27/2010 4:31	14.43	50.21	32.90	8.51	7.87	5.4	2.07	102.0
357	6/27/2010 4:46	15.20	49.98	32.75	8.53	7.90	7.1	1.93	103.8
358	6/27/2010 5:01	15.15	49.99	32.76	8.42	7.89	6.3	1.79	102.4
359	6/27/2010 5:16	15.52	49.99	32.77	8.36	7.89	6.4	1.63	102.4
360	6/27/2010 5:31	15.84	49.90	32.70	8.28	8.01	6.6	1.49	102.0
361	6/27/2010 5:46	16.25	49.75	32.60	8.26	8.01	6.8	1.36	102.5
362	6/27/2010 6:01	16.48	49.60	32.50	8.16	8.00	6.8	1.21	101.6
363	6/27/2010 6:16	16.63	49.51	32.43	8.06	7.91	8.6	1.10	100.7
364	6/27/2010 6:31	16.77	49.47	32.40	7.93	7.91	7.5	1.00	99.3
365	6/27/2010 6:46	16.88	49.40	32.35	7.80	7.90	6.7	0.92	97.9
366	6/27/2010 7:01	16.74	49.41	32.36	7.64	7.89	6.0	0.91	95.7
367	6/27/2010 7:16	16.78	49.49	32.42	7.78	7.90	8.1	0.92	97.5
368	6/27/2010 7:31	16.72	49.53	32.45	7.87	7.90	6.0	0.96	98.5
369	6/27/2010 7:46	16.61	49.56	32.47	7.93	7.90	7.4	1.03	99.1
370	6/27/2010 8:01	16.55	49.57	32.48	8.01	7.91	6.4	1.10	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	DO%
			mS/cm		mg/L		NTU	meters	
371	6/27/2010 8:16	16.54	49.61	32.51	7.99	7.99	6.3	1.16	99.7
372	6/27/2010 8:31	16.48	49.57	32.48	8.07	7.91	6.0	1.22	100.6
373	6/27/2010 8:46	16.48	49.34	32.31	7.98	7.90	7.8	1.30	99.4
374	6/27/2010 9:01	16.58	49.12	32.15	7.99	7.90	9.6	1.36	99.5
375	6/27/2010 9:16	16.56	49.12	32.15	7.97	7.89	8.5	1.44	99.3
376	6/27/2010 9:31	16.55	49.10	32.13	7.97	7.90	8.3	1.52	99.3
377	6/27/2010 9:46	16.50	49.13	32.15	7.94	7.98	9.3	1.62	98.8
378	6/27/2010 10:01	16.08	49.56	32.46	8.05	7.89	8.0	1.71	99.5
379	6/27/2010 10:16	15.78	49.74	32.59	8.14	8.00	7.0	1.80	100.1
380	6/27/2010 10:31	15.71	49.62	32.50	8.20	8.00	6.7	1.91	100.7
381	6/27/2010 10:46	15.48	49.90	32.70	8.34	7.89	7.0	2.02	102.1
382	6/27/2010 11:01	15.27	50.05	32.81	8.58	8.02	8.2	2.13	104.6
383	6/27/2010 11:16	15.08	50.03	32.79	8.69	7.90	7.7	2.23	105.6
384	6/27/2010 11:31	14.92	50.25	32.95	8.68	8.02	7.6	2.33	105.1
385	6/27/2010 11:46	14.68	50.27	32.95	8.68	8.02	7.1	2.43	104.7
386	6/27/2010 12:01	14.73	50.30	32.97	8.80	8.03	7.0	2.52	106.3
387	6/27/2010 12:16	14.32	50.02	32.76	8.79	7.89	8.5	2.61	105.1
388	6/27/2010 12:31	14.05	50.43	33.05	8.98	7.89	9.4	2.68	107.0
389	6/27/2010 12:46	13.87	50.43	33.04	9.06	8.03	7.8	2.76	107.5
390	6/27/2010 13:01	13.68	50.45	33.05	9.04	7.88	7.4	2.83	106.9
391	6/27/2010 13:16	13.03	50.78	33.27	9.07	7.87	8.8	2.89	105.9
392	6/27/2010 13:31	12.54	50.92	33.35	9.33	7.88	6.8	2.95	107.9
393	6/27/2010 13:46	12.28	50.96	33.37	9.40	7.88	6.0	3.00	108.2
394	6/27/2010 14:01	12.20	51.20	33.54	9.41	8.05	4.4	3.05	108.3
395	6/27/2010 14:16	12.17	51.19	33.53	9.44	8.05	3.8	3.09	108.5
396	6/27/2010 14:31	12.29	51.12	33.49	9.32	8.05	4.2	3.09	107.4
397	6/27/2010 14:46	12.23	51.16	33.52	9.37	8.05	3.4	3.09	107.9
398	6/27/2010 15:01	12.23	51.23	33.57	9.39	8.05	3.3	3.08	108.1
399	6/27/2010 15:16	12.24	51.14	33.50	9.36	7.88	3.7	3.04	107.7
400	6/27/2010 15:31	13.16	50.95	33.40	9.71	8.06	5.2	2.97	113.8
401	6/27/2010 15:46	13.27	50.88	33.35	9.68	8.06	6.2	2.90	113.8
402	6/27/2010 16:01	14.14	50.63	33.20	9.77	8.07	5.0	2.83	116.8
403	6/27/2010 16:16	14.88	50.65	33.24	10.64	8.12	6.8	2.76	129.1
404	6/27/2010 16:31	14.97	50.57	33.18	10.58	8.12	4.9	2.67	128.6
405	6/27/2010 16:46	15.27	50.36	33.03	10.79	8.03	5.4	2.60	131.7
406	6/27/2010 17:01	15.46	50.29	32.99	10.57	8.12	5.4	2.53	129.5
407	6/27/2010 17:16	15.65	50.32	33.01	10.91	8.06	5.1	2.46	134.2
408	6/27/2010 17:31	16.04	50.12	32.87	10.75	8.05	4.7	2.40	133.1
409	6/27/2010 17:46	16.41	49.93	32.73	11.15	8.07	4.4	2.34	139.0
410	6/27/2010 18:01	16.62	49.91	32.73	10.96	8.08	4.5	2.29	137.1
411	6/27/2010 18:16	16.82	49.89	32.71	11.03	8.09	4.5	2.24	138.6
412	6/27/2010 18:31	16.91	49.86	32.69	10.74	8.15	4.5	2.20	135.1
413	6/27/2010 18:46	17.00	49.69	32.57	10.44	8.05	3.8	2.18	131.4
414	6/27/2010 19:01	17.00	49.82	32.66	10.16	8.03	2.9	2.18	128.0
415	6/27/2010 19:16	16.88	49.66	32.55	10.58	8.05	4.2	2.17	132.9
416	6/27/2010 19:31	16.57	49.92	32.73	10.29	8.02	4.8	2.18	128.7
417	6/27/2010 19:46	16.63	49.89	32.72	10.44	8.04	6.5	2.22	130.6
418	6/27/2010 20:01	16.57	49.98	32.78	10.25	8.02	5.9	2.27	128.1
419	6/27/2010 20:16	16.41	50.02	32.81	10.14	8.11	8.5	2.30	126.5
420	6/27/2010 20:31	16.26	50.00	32.79	10.11	8.00	7.4	2.38	125.6
421	6/27/2010 20:46	16.19	49.81	32.64	9.98	7.99	7.4	2.45	123.8
422	6/27/2010 21:01	15.83	50.22	32.94	9.88	7.98	6.9	2.51	121.9
423	6/27/2010 21:16	15.61	50.07	32.83	9.80	7.97	4.9	2.58	120.2

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	
424	6/27/2010 21:31	15.04	50.39	33.05	9.72	7.95	4.5	2.65	118.2
425	6/27/2010 21:46	14.43	50.63	33.21	9.60	7.93	5.2	2.73	115.4
426	6/27/2010 22:01	13.80	50.75	33.27	9.45	8.06	5.3	2.79	112.2
427	6/27/2010 22:16	13.43	50.91	33.38	9.32	8.05	4.9	2.87	109.9
428	6/27/2010 22:31	13.02	50.89	33.35	9.22	7.88	4.8	2.95	107.7
429	6/27/2010 22:46	12.74	51.08	33.48	9.08	8.03	4.8	3.02	105.6
430	6/27/2010 23:01	12.57	51.13	33.51	9.14	8.04	5.2	3.10	106.0
431	6/27/2010 23:16	12.43	51.02	33.42	9.31	7.88	6.5	3.17	107.5
432	6/27/2010 23:31	12.02	51.33	33.62	9.36	8.05	5.7	3.25	107.4
433	6/27/2010 23:46	11.76	51.39	33.66	9.25	8.04	4.3	3.32	105.5
434	6/28/2010 0:01	11.40	51.47	33.70	9.16	8.03	3.7	3.39	103.8
435	6/28/2010 0:16	11.15	51.49	33.69	9.07	7.85	3.9	3.44	102.2
436	6/28/2010 0:31	11.06	51.42	33.64	9.02	7.84	2.2	3.49	101.4
437	6/28/2010 0:46	11.00	51.56	33.74	8.98	8.02	2.1	3.54	100.9
438	6/28/2010 1:01	10.93	51.56	33.73	9.01	8.02	1.9	3.56	101.0
439	6/28/2010 1:16	11.04	51.53	33.72	8.94	7.84	2.3	3.55	100.4
440	6/28/2010 1:31	11.02	51.57	33.75	8.94	8.02	2.0	3.55	100.4
441	6/28/2010 1:46	10.97	51.61	33.77	9.00	8.02	2.2	3.52	101.1
442	6/28/2010 2:01	11.24	51.51	33.71	8.87	8.02	2.5	3.46	100.1
443	6/28/2010 2:16	12.39	51.20	33.55	8.88	8.02	4.0	3.37	102.6
444	6/28/2010 2:31	12.34	51.18	33.53	8.89	8.02	3.0	3.29	102.6
445	6/28/2010 2:46	12.84	50.95	33.39	8.81	8.02	3.2	3.20	102.6
446	6/28/2010 3:01	13.26	50.94	33.39	8.80	8.02	4.9	3.09	103.4
447	6/28/2010 3:16	13.29	50.85	33.33	8.81	7.87	4.3	2.99	103.6
448	6/28/2010 3:31	13.61	50.82	33.32	8.76	8.02	3.5	2.88	103.6
449	6/28/2010 3:46	13.86	50.46	33.06	8.94	7.88	3.6	2.76	106.1
450	6/28/2010 4:01	14.48	50.57	33.16	8.83	7.90	5.0	2.63	106.2
451	6/28/2010 4:16	14.77	50.47	33.10	8.78	8.03	5.0	2.52	106.2
452	6/28/2010 4:31	14.44	50.50	33.11	8.77	7.88	6.3	2.40	105.4
453	6/28/2010 4:46	14.72	50.39	33.04	8.79	7.88	7.1	2.26	106.1
454	6/28/2010 5:01	15.41	50.01	32.78	8.61	7.91	7.3	2.14	105.2
455	6/28/2010 5:16	15.44	50.19	32.91	8.58	7.90	6.6	2.00	105.0
456	6/28/2010 5:31	15.46	50.21	32.93	8.42	8.02	6.0	1.85	103.1
457	6/28/2010 5:46	15.70	50.08	32.83	8.40	7.90	6.2	1.71	103.2
458	6/28/2010 6:01	16.02	49.83	32.66	8.35	7.90	6.5	1.57	103.2
459	6/28/2010 6:16	16.31	49.81	32.65	8.32	7.91	6.8	1.43	103.4
460	6/28/2010 6:31	16.42	49.91	32.73	8.34	7.92	6.5	1.31	104.0
461	6/28/2010 6:46	16.72	49.78	32.63	8.23	7.92	6.6	1.18	103.1
462	6/28/2010 7:01	16.96	49.75	32.61	8.13	7.92	9.2	1.09	102.3
463	6/28/2010 7:16	17.20	49.74	32.61	7.94	7.91	6.8	1.01	100.3
464	6/28/2010 7:31	17.40	49.59	32.50	7.82	7.91	6.4	0.98	99.2
465	6/28/2010 7:46	17.31	49.65	32.54	7.51	7.89	6.9	0.97	95.1
466	6/28/2010 8:01	17.33	49.60	32.51	7.85	7.91	6.1	1.00	99.5
467	6/28/2010 8:16	17.30	49.62	32.52	7.89	7.91	6.2	1.06	99.9
468	6/28/2010 8:31	17.08	49.59	32.50	7.90	7.91	7.7	1.11	99.6
469	6/28/2010 8:46	17.09	49.75	32.62	7.99	7.91	6.3	1.18	100.9
470	6/28/2010 9:01	17.04	49.77	32.63	7.99	8.01	7.4	1.25	100.8
471	6/28/2010 9:16	17.03	49.72	32.59	7.90	8.00	7.9	1.31	99.6
472	6/28/2010 9:31	17.08	49.51	32.44	7.95	7.91	9.1	1.38	100.2
473	6/28/2010 9:46	17.17	49.06	32.11	7.97	7.91	8.7	1.46	100.4
474	6/28/2010 10:01	17.07	49.38	32.35	7.93	7.90	8.6	1.54	99.9
475	6/28/2010 10:16	16.96	49.38	32.35	7.93	7.90	10.7	1.62	99.7
476	6/28/2010 10:31	16.59	49.74	32.60	8.03	7.90	8.5	1.71	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	
477	6/28/2010 10:46	16.33	49.78	32.63	8.15	7.90	8.1	1.81	101.3
478	6/28/2010 11:01	16.13	49.68	32.55	8.25	7.90	7.3	1.91	102.2
479	6/28/2010 11:16	15.98	49.99	32.77	8.35	8.02	7.0	2.01	103.2
480	6/28/2010 11:31	15.63	50.16	32.89	8.64	8.04	6.8	2.12	106.2
481	6/28/2010 11:46	15.47	50.18	32.90	8.76	7.92	7.3	2.23	107.3
482	6/28/2010 12:01	15.36	50.09	32.84	8.77	8.12	6.8	2.33	107.2
483	6/28/2010 12:16	15.00	50.31	32.99	8.71	7.90	7.6	2.41	105.7
484	6/28/2010 12:31	14.80	50.26	32.95	8.72	7.90	6.6	2.51	105.4
485	6/28/2010 12:46	14.74	50.33	33.00	8.79	7.90	6.8	2.59	106.1
486	6/28/2010 13:01	14.45	50.33	32.99	8.87	7.90	7.8	2.67	106.5
487	6/28/2010 13:16	14.14	50.48	33.09	9.02	8.05	7.8	2.74	107.7
488	6/28/2010 13:31	13.97	50.62	33.18	9.05	8.05	7.0	2.82	107.8
489	6/28/2010 13:46	13.58	50.72	33.25	9.00	8.04	6.7	2.88	106.4
490	6/28/2010 14:01	12.93	50.95	33.39	9.10	8.05	6.6	2.94	106.2
491	6/28/2010 14:16	12.53	51.10	33.48	9.19	8.05	5.4	2.99	106.4
492	6/28/2010 14:31	12.29	51.20	33.54	9.25	8.06	4.2	3.04	106.6
493	6/28/2010 14:46	12.21	51.02	33.41	9.22	7.88	3.5	3.07	106.0
494	6/28/2010 15:01	12.16	51.04	33.42	9.18	7.87	1.6	3.10	105.5
495	6/28/2010 15:16	12.23	51.18	33.52	9.21	7.88	2.8	3.10	106.0
496	6/28/2010 15:31	12.27	51.19	33.54	9.22	8.06	3.8	3.07	106.2
497	6/28/2010 15:46	12.40	51.17	33.53	9.26	8.06	4.4	3.05	106.9
498	6/28/2010 16:01	13.33	50.94	33.40	9.34	8.07	6.0	2.99	109.9
499	6/28/2010 16:16	13.85	50.66	33.21	9.24	7.92	7.2	2.93	109.8
500	6/28/2010 16:31	14.48	50.71	33.27	9.39	7.94	10.1	2.86	113.1
501	6/28/2010 16:46	14.44	50.62	33.20	9.58	8.09	8.5	2.79	115.1
502	6/28/2010 17:01	14.34	50.77	33.31	9.55	7.95	9.4	2.71	114.6
503	6/28/2010 17:16	14.64	50.51	33.12	9.58	7.95	10.2	2.63	115.6
504	6/28/2010 17:31	14.84	50.61	33.20	9.61	7.96	10.1	2.55	116.4
505	6/28/2010 17:46	15.16	50.44	33.09	9.59	7.97	10.1	2.48	116.8
506	6/28/2010 18:01	15.41	50.34	33.02	9.53	7.98	10.0	2.42	116.6
507	6/28/2010 18:16	15.72	50.23	32.94	9.38	7.98	10.0	2.36	115.5
508	6/28/2010 18:31	15.93	50.28	32.99	9.34	7.98	10.9	2.31	115.5
509	6/28/2010 18:46	16.38	50.21	32.94	9.13	7.98	11.2	2.24	113.8
510	6/28/2010 19:01	16.54	50.16	32.91	9.23	8.00	11.5	2.20	115.5
511	6/28/2010 19:16	16.87	49.98	32.78	8.82	7.97	11.3	2.18	111.0
512	6/28/2010 19:31	16.99	49.88	32.71	8.71	7.97	11.3	2.16	109.8
513	6/28/2010 19:46	17.04	49.97	32.78	8.47	7.96	11.7	2.14	106.9
514	6/28/2010 20:01	17.05	49.85	32.69	8.24	7.95	9.9	2.15	103.9
515	6/28/2010 20:16	16.79	50.02	32.81	8.71	7.97	9.4	2.17	109.4
516	6/28/2010 20:31	16.79	50.00	32.80	8.63	7.96	8.7	2.21	108.4
517	6/28/2010 20:46	16.92	49.99	32.79	8.48	8.04	9.2	2.24	106.7
518	6/28/2010 21:01	16.70	49.99	32.79	8.48	7.94	9.6	2.30	106.3
519	6/28/2010 21:16	16.43	50.09	32.86	8.62	8.05	9.9	2.37	107.5
520	6/28/2010 21:31	16.84	49.93	32.75	8.57	7.95	10.3	2.43	107.7
521	6/28/2010 21:46	16.43	50.06	32.84	8.55	7.94	9.5	2.49	106.7
522	6/28/2010 22:01	16.34	50.13	32.88	8.63	8.05	8.7	2.56	107.5
523	6/28/2010 22:16	15.83	50.32	33.01	8.76	8.05	9.0	2.64	108.1
524	6/28/2010 22:31	15.49	50.38	33.05	8.79	8.06	6.8	2.70	107.7
525	6/28/2010 22:46	14.90	50.41	33.06	8.82	7.92	5.9	2.76	107.0
526	6/28/2010 23:01	14.04	50.64	33.20	8.86	7.90	5.6	2.84	105.7
527	6/28/2010 23:16	13.45	50.84	33.33	8.84	7.88	5.7	2.91	104.2
528	6/28/2010 23:31	13.08	50.90	33.36	8.74	7.87	5.9	2.98	102.3
529	6/28/2010 23:46	12.70	50.98	33.41	8.56	7.85	5.1	3.05	99.5

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	
530	6/29/2010 0:01	12.47	51.09	33.47	8.53	7.85	5.0	3.12	98.7
531	6/29/2010 0:16	12.33	51.12	33.49	8.54	7.85	5.1	3.19	98.5
532	6/29/2010 0:31	12.19	51.20	33.54	8.76	8.03	4.9	3.24	100.8
533	6/29/2010 0:46	11.97	51.26	33.58	8.70	8.03	3.7	3.32	99.7
534	6/29/2010 1:01	11.73	51.25	33.55	8.61	7.84	3.4	3.36	98.0
535	6/29/2010 1:16	11.58	51.22	33.52	8.47	7.83	2.4	3.39	96.2
536	6/29/2010 1:31	11.46	51.33	33.60	8.38	8.00	1.6	3.43	94.9
537	6/29/2010 1:46	11.82	51.04	33.40	8.24	8.00	2.7	3.44	94.0
538	6/29/2010 2:01	11.44	51.34	33.60	8.34	7.82	2.1	3.44	94.4
539	6/29/2010 2:16	11.43	51.39	33.64	8.17	7.99	1.3	3.41	92.5
540	6/29/2010 2:31	11.55	51.23	33.53	8.30	7.82	2.9	3.37	94.2
541	6/29/2010 2:46	12.39	51.06	33.44	8.30	8.01	3.8	3.31	95.8
542	6/29/2010 3:01	12.35	50.99	33.39	8.32	7.83	4.4	3.23	95.9
543	6/29/2010 3:16	12.69	51.04	33.45	8.30	8.01	5.8	3.15	96.4
544	6/29/2010 3:31	13.37	50.84	33.33	8.29	8.01	9.6	3.05	97.6
545	6/29/2010 3:46	13.60	50.77	33.28	8.22	7.86	8.6	2.96	97.2
546	6/29/2010 4:01	14.27	50.54	33.14	8.09	7.87	9.0	2.86	96.8
547	6/29/2010 4:16	14.10	50.65	33.21	7.88	7.99	7.0	2.76	94.1
548	6/29/2010 4:31	14.91	50.29	32.97	7.86	8.01	8.5	2.65	95.3
549	6/29/2010 4:46	15.32	50.20	32.91	7.85	7.88	11.2	2.54	95.9
550	6/29/2010 5:01	14.40	50.61	33.19	7.83	7.84	6.7	2.43	94.0
551	6/29/2010 5:16	15.12	50.34	33.01	7.72	7.86	8.9	2.29	94.0
552	6/29/2010 5:31	15.17	50.40	33.06	7.71	7.86	10.7	2.17	94.0
553	6/29/2010 5:46	15.35	50.32	33.01	7.63	7.86	9.9	2.05	93.3
554	6/29/2010 6:01	15.60	50.29	32.99	7.57	7.86	10.3	1.92	93.0
555	6/29/2010 6:16	15.61	50.30	32.99	7.44	7.85	9.6	1.78	91.5
556	6/29/2010 6:31	15.81	50.08	32.84	7.41	7.86	10.6	1.65	91.3
557	6/29/2010 6:46	15.99	50.06	32.82	7.44	7.86	10.4	1.52	92.0
558	6/29/2010 7:01	16.24	50.10	32.86	7.38	7.87	9.7	1.40	91.8
559	6/29/2010 7:16	16.49	50.07	32.84	7.31	7.87	10.4	1.29	91.3
560	6/29/2010 7:31	16.78	49.74	32.61	7.13	7.86	11.2	1.20	89.4
561	6/29/2010 7:46	16.96	49.90	32.73	7.01	7.86	10.6	1.13	88.3
562	6/29/2010 8:01	16.97	49.92	32.74	7.05	7.86	9.6	1.09	88.8
563	6/29/2010 8:16	17.08	49.80	32.65	6.80	7.84	8.8	1.08	85.8
564	6/29/2010 8:31	17.09	49.78	32.63	6.91	7.85	9.5	1.09	87.2
565	6/29/2010 8:46	17.15	49.78	32.64	6.92	7.85	9.5	1.12	87.5
566	6/29/2010 9:01	17.03	49.82	32.66	6.97	7.85	9.7	1.18	87.9
567	6/29/2010 9:16	17.01	49.83	32.67	6.93	7.85	9.7	1.22	87.4
568	6/29/2010 9:31	16.99	49.89	32.72	6.88	7.84	11.0	1.29	86.8
569	6/29/2010 9:46	16.89	49.90	32.73	6.90	7.95	11.1	1.36	86.8
570	6/29/2010 10:01	16.91	49.78	32.64	6.88	7.84	13.5	1.43	86.6
571	6/29/2010 10:16	16.79	49.80	32.65	6.88	7.84	11.5	1.50	86.4
572	6/29/2010 10:31	16.71	49.80	32.65	6.85	7.84	12.6	1.58	85.8
573	6/29/2010 10:46	16.69	49.80	32.65	6.83	7.84	11.9	1.66	85.5
574	6/29/2010 11:01	16.63	49.82	32.66	6.89	7.84	12.3	1.74	86.2
575	6/29/2010 11:16	16.41	49.95	32.75	7.05	7.96	13.0	1.84	87.9
576	6/29/2010 11:31	16.21	49.98	32.77	7.13	7.85	12.6	1.93	88.5
577	6/29/2010 11:46	15.89	50.16	32.90	7.33	7.98	10.1	2.02	90.6
578	6/29/2010 12:01	15.52	50.28	32.98	7.66	7.87	9.0	2.13	94.0
579	6/29/2010 12:16	15.36	50.38	33.05	7.85	8.02	8.9	2.23	96.0
580	6/29/2010 12:31	15.29	50.40	33.06	7.96	8.02	8.4	2.32	97.2
581	6/29/2010 12:46	15.08	50.41	33.06	7.92	8.02	9.4	2.40	96.4
582	6/29/2010 13:01	14.79	50.53	33.15	7.95	8.02	10.1	2.50	96.2

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	
583	6/29/2010 13:16	14.67	50.44	33.07	8.02	7.88	9.5	2.59	96.7
584	6/29/2010 13:31	14.64	50.55	33.15	8.05	7.88	9.4	2.66	97.1
585	6/29/2010 13:46	14.18	50.56	33.15	8.23	7.87	11.2	2.73	98.4
586	6/29/2010 14:01	14.03	50.63	33.20	8.39	8.03	10.9	2.81	100.0
587	6/29/2010 14:16	13.78	50.50	33.09	8.41	7.87	8.5	2.87	99.6
588	6/29/2010 14:31	13.41	50.85	33.34	8.35	8.02	8.5	2.92	98.3
589	6/29/2010 14:46	13.00	51.01	33.43	8.40	8.02	6.8	2.98	98.2
590	6/29/2010 15:01	12.62	51.04	33.44	8.50	7.85	6.2	3.03	98.5
591	6/29/2010 15:16	12.36	51.03	33.42	8.60	7.86	5.3	3.07	99.1
592	6/29/2010 15:31	12.26	51.25	33.58	8.57	8.02	3.6	3.09	98.7
593	6/29/2010 15:46	12.35	51.29	33.61	8.62	8.03	3.1	3.10	99.5
594	6/29/2010 16:01	12.32	51.13	33.49	8.54	7.85	2.9	3.09	98.5
595	6/29/2010 16:16	12.38	51.23	33.57	8.57	8.02	4.2	3.05	99.0
596	6/29/2010 16:31	13.02	50.95	33.39	8.62	8.03	6.9	3.00	100.8
597	6/29/2010 16:46	13.44	50.83	33.32	8.52	7.87	6.2	2.95	100.4
598	6/29/2010 17:01	14.21	50.59	33.17	8.73	7.90	8.2	2.88	104.4
599	6/29/2010 17:16	14.41	50.70	33.26	9.00	7.92	8.9	2.80	108.1
600	6/29/2010 17:31	14.40	50.80	33.33	9.06	7.92	8.4	2.72	108.9
601	6/29/2010 17:46	14.52	50.76	33.30	9.02	8.06	10.9	2.66	108.7
602	6/29/2010 18:01	14.87	50.68	33.26	9.09	8.07	9.2	2.58	110.2
603	6/29/2010 18:16	15.21	50.56	33.17	8.99	8.07	10.1	2.52	109.8
604	6/29/2010 18:31	15.33	50.47	33.11	9.04	7.95	9.3	2.44	110.6
605	6/29/2010 18:46	15.68	50.40	33.07	8.94	7.95	8.9	2.38	110.1
606	6/29/2010 19:01	16.06	50.34	33.03	8.78	7.95	9.9	2.33	108.9
607	6/29/2010 19:16	16.37	50.12	32.87	8.81	7.96	10.6	2.27	109.8
608	6/29/2010 19:31	16.58	50.23	32.96	8.74	7.95	11.5	2.22	109.5
609	6/29/2010 19:46	16.91	50.12	32.89	8.46	8.05	12.5	2.18	106.6
610	6/29/2010 20:01	16.82	50.11	32.88	8.48	7.94	11.2	2.15	106.6
611	6/29/2010 20:16	16.92	50.11	32.88	8.42	8.05	12.2	2.12	106.1
612	6/29/2010 20:31	16.91	50.12	32.89	8.20	7.94	10.8	2.13	103.2
613	6/29/2010 20:46	16.91	50.15	32.90	7.98	7.93	9.2	2.13	100.6
614	6/29/2010 21:01	16.69	50.14	32.90	8.21	7.92	11.0	2.15	103.0
615	6/29/2010 21:16	16.61	50.22	32.95	8.33	7.93	11.0	2.18	104.3
616	6/29/2010 21:31	16.66	50.12	32.88	8.22	7.92	8.5	2.22	103.0
617	6/29/2010 21:46	16.67	50.18	32.92	8.16	7.92	10.0	2.28	102.4
618	6/29/2010 22:01	16.34	50.22	32.95	8.25	7.92	12.3	2.35	102.8
619	6/29/2010 22:16	16.59	50.08	32.85	8.29	7.93	10.1	2.41	103.7
620	6/29/2010 22:31	16.39	50.10	32.86	8.21	7.92	10.7	2.47	102.4
621	6/29/2010 22:46	16.27	50.09	32.85	8.27	7.92	10.4	2.54	102.9
622	6/29/2010 23:01	15.90	50.28	32.99	8.35	7.91	11.5	2.60	103.2
623	6/29/2010 23:16	15.80	50.22	32.94	8.34	7.92	8.4	2.65	102.8
624	6/29/2010 23:31	15.27	50.52	33.15	8.39	7.90	6.2	2.71	102.5
625	6/29/2010 23:46	14.74	50.62	33.21	8.40	7.89	5.6	2.78	101.6
626	6/30/2010 0:01	14.28	50.62	33.19	8.39	8.03	4.6	2.83	100.5
627	6/30/2010 0:16	13.73	50.79	33.30	8.39	7.87	4.8	2.90	99.4
628	6/30/2010 0:31	13.53	50.94	33.40	8.33	8.02	4.1	2.95	98.4
629	6/30/2010 0:46	13.01	51.04	33.46	8.19	7.84	4.6	3.02	95.8
630	6/30/2010 1:01	12.63	51.19	33.55	8.14	7.99	5.3	3.08	94.5
631	6/30/2010 1:16	12.51	51.21	33.56	8.12	7.83	4.9	3.13	94.0
632	6/30/2010 1:31	12.53	51.05	33.44	8.18	7.83	4.5	3.19	94.7
633	6/30/2010 1:46	12.39	51.10	33.48	8.20	7.83	3.3	3.24	94.7
634	6/30/2010 2:01	12.22	51.29	33.61	8.14	7.99	2.7	3.27	93.7
635	6/30/2010 2:16	12.14	51.15	33.50	8.04	7.82	2.0	3.30	92.4

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	
636	6/30/2010 2:31	12.47	51.05	33.44	7.96	7.82	2.6	3.31	92.1
637	6/30/2010 2:46	12.04	51.23	33.56	7.97	7.81	1.9	3.31	91.4
638	6/30/2010 3:01	12.04	51.32	33.62	7.92	7.97	2.0	3.28	90.9
639	6/30/2010 3:16	12.04	51.33	33.62	7.97	7.98	2.3	3.25	91.5
640	6/30/2010 3:31	13.29	50.85	33.33	7.85	7.83	5.7	3.18	92.2
641	6/30/2010 3:46	13.19	51.02	33.45	7.86	7.82	5.4	3.12	92.3
642	6/30/2010 4:01	13.84	50.82	33.33	7.76	7.83	8.4	3.04	92.2
643	6/30/2010 4:16	13.75	50.87	33.36	7.79	7.98	7.1	2.94	92.5
644	6/30/2010 4:31	14.02	50.74	33.28	7.73	7.98	6.5	2.85	92.2
645	6/30/2010 4:46	14.66	50.61	33.20	7.59	7.98	7.6	2.75	91.7
646	6/30/2010 5:01	14.85	50.59	33.19	7.65	7.99	9.3	2.66	92.7
647	6/30/2010 5:16	14.71	50.40	33.05	7.31	7.83	6.7	2.56	88.2
648	6/30/2010 5:31	14.64	50.64	33.22	7.40	7.83	8.1	2.46	89.3
649	6/30/2010 5:46	14.91	50.51	33.13	7.41	7.83	8.4	2.34	89.8
650	6/30/2010 6:01	14.95	50.48	33.11	7.37	7.83	9.3	2.22	89.4
651	6/30/2010 6:16	15.29	50.29	32.98	7.33	7.84	10.2	2.11	89.5
652	6/30/2010 6:31	15.11	50.52	33.14	7.29	7.83	9.3	1.99	88.8
653	6/30/2010 6:46	15.48	50.42	33.08	7.20	7.96	10.4	1.87	88.3
654	6/30/2010 7:01	15.62	50.33	33.01	7.14	7.83	8.9	1.76	87.8
655	6/30/2010 7:16	15.84	50.13	32.88	7.15	7.83	8.7	1.65	88.2
656	6/30/2010 7:31	16.07	50.13	32.88	7.10	7.84	9.0	1.54	88.0
657	6/30/2010 7:46	16.19	50.22	32.95	7.13	7.97	9.9	1.43	88.5
658	6/30/2010 8:01	16.30	50.00	32.78	7.09	7.85	13.0	1.36	88.2
659	6/30/2010 8:16	16.35	50.12	32.87	7.05	7.84	9.2	1.29	87.8
660	6/30/2010 8:31	16.48	50.08	32.85	6.93	7.84	9.8	1.24	86.5
661	6/30/2010 8:46	16.50	49.98	32.78	6.97	7.84	8.1	1.21	87.0
662	6/30/2010 9:01	16.61	50.08	32.85	6.60	7.83	7.4	1.23	82.7
663	6/30/2010 9:16	16.60	50.05	32.83	6.98	7.84	8.7	1.26	87.4
664	6/30/2010 9:31	16.52	50.19	32.93	6.94	7.84	8.4	1.26	86.8
665	6/30/2010 9:46	16.44	50.07	32.84	7.00	7.84	9.2	1.33	87.3
666	6/30/2010 10:01	16.51	50.10	32.86	7.04	7.85	9.1	1.40	88.0
667	6/30/2010 10:16	16.44	50.19	32.93	6.98	7.84	9.6	1.46	87.1
668	6/30/2010 10:31	16.48	49.94	32.75	6.93	7.84	11.7	1.53	86.6
669	6/30/2010 10:46	16.38	50.12	32.88	6.89	7.83	9.9	1.59	85.9
670	6/30/2010 11:01	16.32	50.00	32.79	6.88	7.83	10.0	1.66	85.6
671	6/30/2010 11:16	16.28	49.95	32.75	6.84	7.83	10.7	1.75	85.1
672	6/30/2010 11:31	16.32	49.99	32.78	6.85	7.83	10.4	1.81	85.2
673	6/30/2010 11:46	16.21	50.06	32.83	6.94	7.83	10.1	1.90	86.1
674	6/30/2010 12:01	15.99	50.19	32.92	7.02	7.96	11.3	1.99	86.9
675	6/30/2010 12:16	15.61	50.18	32.91	7.29	7.85	9.7	2.09	89.5
676	6/30/2010 12:31	15.44	50.35	33.03	7.54	7.86	8.5	2.17	92.4
677	6/30/2010 12:46	15.34	50.37	33.04	7.70	7.88	7.7	2.27	94.2
678	6/30/2010 13:01	15.36	50.46	33.11	7.84	7.88	7.6	2.37	95.9
679	6/30/2010 13:16	15.31	50.44	33.09	7.86	7.88	7.2	2.45	96.1
680	6/30/2010 13:31	14.98	50.61	33.21	7.82	8.01	8.1	2.54	95.0
681	6/30/2010 13:46	14.83	50.64	33.23	7.85	8.01	7.0	2.62	95.1
682	6/30/2010 14:01	14.83	50.59	33.19	7.89	8.01	6.6	2.69	95.6
683	6/30/2010 14:16	14.34	50.63	33.21	7.94	7.86	8.6	2.77	95.2
684	6/30/2010 14:31	14.13	50.75	33.29	8.08	8.00	10.3	2.83	96.5
685	6/30/2010 14:46	14.01	50.65	33.21	8.15	7.86	8.5	2.90	97.1
686	6/30/2010 15:01	13.76	50.78	33.29	8.15	7.85	6.9	2.95	96.6
687	6/30/2010 15:16	13.29	51.04	33.47	8.06	7.83	6.8	3.01	94.9
688	6/30/2010 15:31	12.87	51.13	33.52	8.04	7.97	4.9	3.06	93.7

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	
689	6/30/2010 15:46	12.55	51.16	33.53	7.99	7.81	3.7	3.09	92.6
690	6/30/2010 16:01	12.47	51.22	33.57	7.96	7.81	2.4	3.12	92.1
691	6/30/2010 16:16	12.60	51.20	33.56	7.79	7.95	3.1	3.13	90.3
692	6/30/2010 16:31	12.46	51.33	33.65	7.91	7.80	3.4	3.12	91.5
693	6/30/2010 16:46	12.52	51.31	33.63	7.89	7.96	2.4	3.09	91.4
694	6/30/2010 17:01	13.03	51.08	33.49	7.98	7.98	6.1	3.05	93.4
695	6/30/2010 17:16	13.80	50.97	33.44	8.15	7.99	5.6	2.99	96.8
696	6/30/2010 17:31	14.17	50.85	33.36	8.20	8.00	5.3	2.93	98.1
697	6/30/2010 17:46	15.00	50.78	33.33	8.64	8.04	5.1	2.86	105.1
698	6/30/2010 18:01	15.08	50.76	33.32	8.95	8.06	5.1	2.78	109.1
699	6/30/2010 18:16	15.12	50.78	33.34	9.11	7.95	5.4	2.70	111.1
700	6/30/2010 18:31	15.28	50.73	33.30	8.98	7.93	6.0	2.63	109.9
701	6/30/2010 18:46	15.41	50.79	33.35	9.21	8.10	5.2	2.56	113.0
702	6/30/2010 19:01	15.83	50.60	33.22	8.98	7.96	6.8	2.49	111.0
703	6/30/2010 19:16	15.91	50.63	33.25	9.09	7.96	6.2	2.42	112.5
704	6/30/2010 19:31	16.19	50.45	33.12	9.10	7.96	6.0	2.36	113.2
705	6/30/2010 19:46	16.60	50.40	33.08	8.70	7.95	6.5	2.31	109.0
706	6/30/2010 20:01	16.77	50.28	33.00	8.65	7.95	7.1	2.25	108.7
707	6/30/2010 20:16	16.85	50.33	33.04	8.69	7.95	7.2	2.20	109.4
708	6/30/2010 20:31	16.98	50.17	32.92	8.63	7.96	7.4	2.17	108.9
709	6/30/2010 20:46	17.04	50.27	32.99	8.47	7.95	7.0	2.15	107.1
710	6/30/2010 21:01	17.07	50.22	32.96	8.33	7.94	6.0	2.13	105.3
711	6/30/2010 21:16	17.10	50.24	32.97	7.95	7.92	5.6	2.11	100.6
712	6/30/2010 21:31	17.09	50.33	33.04	8.13	7.93	6.3	2.13	102.8
713	6/30/2010 21:46	16.97	50.35	33.06	8.43	7.94	5.9	2.16	106.5
714	6/30/2010 22:01	16.91	50.31	33.03	8.38	7.94	6.0	2.18	105.6
715	6/30/2010 22:16	16.95	50.32	33.03	8.25	7.93	6.3	2.21	104.1
716	6/30/2010 22:31	16.68	50.38	33.07	8.20	7.92	7.6	2.27	102.9
717	6/30/2010 22:46	16.55	50.37	33.06	8.24	7.92	10.0	2.33	103.1
718	6/30/2010 23:01	16.81	50.33	33.04	8.29	8.04	8.5	2.37	104.3
719	6/30/2010 23:16	16.64	50.31	33.02	8.21	7.92	8.2	2.43	103.0
720	6/30/2010 23:31	16.50	50.36	33.05	8.22	7.92	8.9	2.49	102.8
721	6/30/2010 23:46	16.34	50.40	33.08	8.31	7.92	8.1	2.54	103.6
722	7/1/2010 0:01	15.91	50.52	33.16	8.31	7.91	8.9	2.60	102.8
723	7/1/2010 0:16	15.90	50.52	33.16	8.31	8.04	6.5	2.65	102.8
724	7/1/2010 0:31	15.19	50.65	33.25	8.22	7.89	5.0	2.71	100.3
725	7/1/2010 0:46	14.82	50.50	33.13	8.17	7.88	4.3	2.76	98.9
726	7/1/2010 1:01	14.32	50.84	33.36	8.11	7.86	4.0	2.81	97.4
727	7/1/2010 1:16	14.11	50.95	33.43	8.10	8.00	3.2	2.87	96.8
728	7/1/2010 1:31	13.69	50.85	33.35	8.03	7.84	3.5	2.92	95.1
729	7/1/2010 1:46	13.59	51.07	33.50	7.97	7.98	3.2	2.97	94.3
730	7/1/2010 2:01	13.08	51.21	33.58	7.82	7.96	3.2	3.02	91.7
731	7/1/2010 2:16	12.86	51.24	33.60	7.82	7.96	3.0	3.07	91.2
732	7/1/2010 2:31	12.83	51.21	33.58	7.79	7.81	2.9	3.10	90.8
733	7/1/2010 2:46	12.68	51.22	33.58	7.79	7.81	27.8	3.13	90.5
734	7/1/2010 3:01	12.57	51.34	33.66	7.68	7.95	1.4	3.15	89.1
735	7/1/2010 3:16	12.81	51.23	33.59	7.63	7.80	2.2	3.15	88.9
736	7/1/2010 3:31	12.57	51.26	33.60	7.63	7.79	1.7	3.16	88.5
737	7/1/2010 3:46	12.54	51.19	33.55	7.58	7.79	1.7	3.12	87.8
738	7/1/2010 4:01	13.01	51.19	33.57	7.58	7.95	2.7	3.07	88.8
739	7/1/2010 4:16	14.30	50.69	33.25	7.56	7.84	4.9	3.03	90.7
740	7/1/2010 4:31	14.03	50.78	33.30	7.68	7.83	4.2	2.96	91.6
741	7/1/2010 4:46	14.26	50.85	33.36	7.62	7.83	4.9	2.87	91.3

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	
742	7/1/2010 5:01	14.46	50.79	33.33	7.52	7.97	5.9	2.79	90.5
743	7/1/2010 5:16	14.65	50.49	33.11	7.46	7.83	5.4	2.71	90.0
744	7/1/2010 5:31	15.00	50.63	33.22	7.24	7.96	6.4	2.62	88.0
745	7/1/2010 5:46	15.03	50.50	33.13	7.15	7.82	6.6	2.52	87.0
746	7/1/2010 6:01	15.13	50.43	33.08	7.10	7.83	6.5	2.44	86.5
747	7/1/2010 6:16	15.12	50.57	33.18	7.00	7.95	6.3	2.34	85.3
748	7/1/2010 6:31	15.25	50.57	33.19	7.12	7.96	6.6	2.23	87.0
749	7/1/2010 6:46	15.36	50.39	33.05	7.10	7.83	7.0	2.13	86.8
750	7/1/2010 7:01	15.64	50.43	33.09	7.12	7.84	7.6	2.04	87.6
751	7/1/2010 7:16	15.60	50.51	33.15	7.19	7.96	7.1	1.93	88.4
752	7/1/2010 7:31	15.77	50.45	33.10	7.19	7.84	7.3	1.82	88.7
753	7/1/2010 7:46	15.95	50.33	33.02	7.15	7.84	7.3	1.72	88.5
754	7/1/2010 8:01	16.16	50.24	32.96	7.16	7.84	7.1	1.63	88.9
755	7/1/2010 8:16	16.28	50.33	33.03	7.12	7.97	7.1	1.56	88.6
756	7/1/2010 8:31	16.39	50.30	33.01	7.18	7.97	6.7	1.47	89.6
757	7/1/2010 8:46	16.48	50.26	32.98	7.11	7.85	6.6	1.42	88.9
758	7/1/2010 9:01	16.57	50.29	33.00	7.04	7.97	6.5	1.40	88.1
759	7/1/2010 9:16	16.60	50.29	33.00	6.93	7.85	5.6	1.36	86.9
760	7/1/2010 9:31	16.66	50.31	33.02	6.93	7.85	5.2	1.37	87.0
761	7/1/2010 9:46	16.55	50.07	32.84	7.09	7.85	6.6	1.39	88.7
762	7/1/2010 10:01	16.53	50.28	33.00	7.00	7.84	6.7	1.41	87.6
763	7/1/2010 10:16	16.51	50.31	33.02	7.01	7.96	6.7	1.44	87.7
764	7/1/2010 10:31	16.49	50.28	32.99	6.98	7.84	9.0	1.50	87.3
765	7/1/2010 10:46	16.46	50.29	33.00	6.98	7.96	9.0	1.57	87.2
766	7/1/2010 11:01	16.52	50.19	32.93	7.00	7.84	9.6	1.62	87.6
767	7/1/2010 11:16	16.48	50.18	32.92	6.94	7.84	8.1	1.68	86.8
768	7/1/2010 11:31	16.38	50.23	32.96	6.93	7.83	8.1	1.76	86.5
769	7/1/2010 11:46	16.35	50.19	32.93	6.92	7.83	8.6	1.83	86.2
770	7/1/2010 12:01	16.34	50.22	32.95	6.92	7.95	8.5	1.90	86.2
771	7/1/2010 12:16	16.26	50.25	32.97	7.01	7.96	9.2	1.98	87.3
772	7/1/2010 12:31	16.04	50.25	32.97	7.07	7.84	8.9	2.06	87.6
773	7/1/2010 12:46	15.83	50.44	33.10	7.24	7.97	8.7	2.15	89.4
774	7/1/2010 13:01	15.63	50.32	33.01	7.48	7.86	7.4	2.24	92.0
775	7/1/2010 13:16	15.49	50.48	33.13	7.60	7.87	6.6	2.32	93.3
776	7/1/2010 13:31	15.47	50.53	33.16	7.70	7.87	6.8	2.40	94.4
777	7/1/2010 13:46	15.36	50.65	33.25	7.79	7.88	6.5	2.49	95.4
778	7/1/2010 14:01	15.21	50.67	33.26	7.76	8.00	5.9	2.57	94.7
779	7/1/2010 14:16	15.01	50.66	33.25	7.75	7.86	6.3	2.64	94.3
780	7/1/2010 14:31	15.02	50.58	33.19	7.82	7.86	6.2	2.72	95.0
781	7/1/2010 14:46	14.61	50.72	33.28	7.88	7.85	8.2	2.79	95.0
782	7/1/2010 15:01	14.18	50.78	33.31	7.95	7.98	8.2	2.86	95.1
783	7/1/2010 15:16	14.06	50.77	33.30	7.96	7.84	6.7	2.92	95.0
784	7/1/2010 15:31	13.87	50.91	33.40	8.01	7.83	6.7	2.98	95.3
785	7/1/2010 15:46	13.42	50.97	33.42	7.98	7.96	4.8	3.04	94.0
786	7/1/2010 16:01	13.11	50.99	33.43	7.93	7.81	4.2	3.08	92.9
787	7/1/2010 16:16	12.72	51.17	33.54	7.96	7.81	2.9	3.12	92.6
788	7/1/2010 16:31	12.55	51.28	33.62	7.99	7.80	2.0	3.14	92.6
789	7/1/2010 16:46	12.94	51.23	33.59	7.98	7.95	1.9	3.15	93.3
790	7/1/2010 17:01	12.50	51.32	33.64	7.93	7.94	2.0	3.15	91.8
791	7/1/2010 17:16	12.58	51.16	33.53	7.96	7.80	2.6	3.12	92.3
792	7/1/2010 17:31	12.93	51.05	33.46	7.89	7.80	3.8	3.08	92.1
793	7/1/2010 17:46	13.98	50.97	33.44	8.06	7.97	4.0	3.03	96.2
794	7/1/2010 18:01	14.26	50.81	33.34	8.08	7.84	4.1	2.96	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	DO%
			mS/cm		mg/L		NTU	meters	
795	7/1/2010 18:16	14.97	50.75	33.31	8.26	7.87	4.8	2.90	100.4
796	7/1/2010 18:31	15.44	50.79	33.35	8.72	7.90	4.5	2.82	107.1
797	7/1/2010 18:46	15.55	50.65	33.25	8.88	7.92	4.8	2.75	109.2
798	7/1/2010 19:01	15.80	50.75	33.33	9.06	8.07	5.3	2.68	112.0
799	7/1/2010 19:16	16.02	50.63	33.24	9.03	8.07	4.5	2.60	112.0
800	7/1/2010 19:31	16.36	50.37	33.06	9.19	7.97	5.6	2.54	114.6
801	7/1/2010 19:46	16.50	50.51	33.17	9.34	7.98	5.5	2.47	116.9
802	7/1/2010 20:01	16.80	50.55	33.20	9.50	8.00	6.6	2.41	119.6
803	7/1/2010 20:16	17.00	50.45	33.13	9.18	7.98	5.7	2.35	116.0
804	7/1/2010 20:31	17.16	50.40	33.09	8.90	7.96	5.3	2.30	112.8
805	7/1/2010 20:46	17.26	50.28	33.01	8.96	7.98	5.3	2.24	113.8
806	7/1/2010 21:01	17.39	50.31	33.03	8.82	7.96	5.7	2.19	112.2
807	7/1/2010 21:16	17.42	50.35	33.06	8.84	7.97	5.2	2.15	112.6
808	7/1/2010 21:31	17.50	50.27	33.00	8.68	7.96	5.7	2.12	110.7
809	7/1/2010 21:46	17.56	50.33	33.04	8.48	7.95	10.0	2.10	108.2
810	7/1/2010 22:01	17.54	50.29	33.01	8.22	7.94	4.2	2.08	104.8
811	7/1/2010 22:16	17.52	50.34	33.05	8.40	7.95	4.8	2.10	107.2
812	7/1/2010 22:31	17.32	50.35	33.06	8.58	7.95	5.4	2.10	109.0
813	7/1/2010 22:46	17.30	50.38	33.08	8.58	7.95	5.7	2.13	109.1
814	7/1/2010 23:01	17.35	50.30	33.02	8.49	7.94	4.7	2.16	108.0
815	7/1/2010 23:16	17.27	50.32	33.04	8.42	7.93	6.8	2.19	106.9
816	7/1/2010 23:31	17.12	50.32	33.03	8.41	7.93	9.3	2.25	106.4
817	7/1/2010 23:46	17.12	50.23	32.97	8.37	7.93	7.6	2.30	106.0
818	7/2/2010 0:01	16.95	50.42	33.10	8.31	7.92	7.9	2.35	104.9
819	7/2/2010 0:16	16.83	50.34	33.05	8.22	7.91	8.7	2.39	103.5
820	7/2/2010 0:31	16.59	50.51	33.16	8.25	7.91	10.3	2.45	103.5
821	7/2/2010 0:46	16.10	50.47	33.13	8.23	7.90	8.7	2.50	102.2
822	7/2/2010 1:01	15.91	50.58	33.21	8.18	7.89	6.5	2.54	101.2
823	7/2/2010 1:16	15.76	50.50	33.15	8.17	7.89	5.6	2.59	100.8
824	7/2/2010 1:31	15.49	50.66	33.26	8.10	7.88	4.1	2.64	99.5
825	7/2/2010 1:46	15.12	50.74	33.30	8.04	7.86	3.5	2.69	98.0
826	7/2/2010 2:01	14.92	50.77	33.32	8.02	7.99	3.9	2.73	97.4
827	7/2/2010 2:16	14.90	50.64	33.23	8.06	7.86	3.4	2.77	97.8
828	7/2/2010 2:31	14.52	50.79	33.33	8.02	7.85	3.0	2.83	96.7
829	7/2/2010 2:46	14.38	50.91	33.41	7.97	7.85	2.9	2.87	95.9
830	7/2/2010 3:01	14.27	50.88	33.39	7.92	7.84	2.9	2.89	95.0
831	7/2/2010 3:16	13.78	51.07	33.51	7.81	7.96	2.2	2.93	92.9
832	7/2/2010 3:31	13.70	51.05	33.49	7.71	7.95	2.0	2.95	91.4
833	7/2/2010 3:46	13.60	51.05	33.49	7.43	7.80	1.7	2.97	87.9
834	7/2/2010 4:01	13.63	51.15	33.57	7.63	7.80	3.1	2.97	90.4
835	7/2/2010 4:16	13.51	51.14	33.55	7.57	7.94	1.8	2.96	89.5
836	7/2/2010 4:31	13.57	51.12	33.54	7.51	7.94	2.2	2.94	88.9
837	7/2/2010 4:46	13.74	50.99	33.45	7.56	7.80	1.8	2.91	89.7
838	7/2/2010 5:01	14.09	50.78	33.31	7.68	7.82	2.8	2.84	91.8
839	7/2/2010 5:16	14.55	50.85	33.37	7.72	7.96	3.3	2.80	93.0
840	7/2/2010 5:31	15.21	50.59	33.20	7.48	7.83	4.8	2.74	91.4
841	7/2/2010 5:46	15.27	50.58	33.19	7.22	7.82	5.6	2.66	88.2
842	7/2/2010 6:01	15.25	50.58	33.19	7.16	7.81	5.7	2.59	87.5
843	7/2/2010 6:16	15.33	50.61	33.22	7.13	7.81	6.3	2.51	87.3
844	7/2/2010 6:31	15.59	50.67	33.26	7.13	7.82	5.8	2.43	87.7
845	7/2/2010 6:46	15.50	50.40	33.07	7.02	7.80	5.1	2.34	86.1
846	7/2/2010 7:01	15.80	50.42	33.09	7.05	7.82	5.1	2.25	86.9
847	7/2/2010 7:16	16.03	50.62	33.24	7.23	7.83	5.2	2.17	89.8

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	
848	7/2/2010 7:31	16.22	50.57	33.21	7.35	7.84	5.6	2.08	91.6
849	7/2/2010 7:46	16.37	50.36	33.05	7.35	7.84	5.9	1.98	91.7
850	7/2/2010 8:01	16.44	50.54	33.19	7.36	7.84	4.8	1.90	92.0
851	7/2/2010 8:16	16.67	50.53	33.18	7.42	7.97	4.8	1.82	93.2
852	7/2/2010 8:31	16.53	50.32	33.03	7.48	7.86	4.6	1.75	93.7
853	7/2/2010 8:46	16.71	50.49	33.16	7.51	7.86	4.3	1.68	94.4
854	7/2/2010 9:01	16.86	50.48	33.15	7.54	7.87	4.4	1.63	95.0
855	7/2/2010 9:16	16.95	50.39	33.08	7.49	7.87	3.7	1.58	94.6
856	7/2/2010 9:31	17.08	50.48	33.15	7.53	7.88	3.9	1.55	95.3
857	7/2/2010 9:46	17.15	50.39	33.08	7.44	7.87	3.2	1.53	94.3
858	7/2/2010 10:01	17.18	50.45	33.13	7.04	7.87	3.8	1.52	89.3
859	7/2/2010 10:16	17.22	50.41	33.10	7.54	7.88	3.8	1.54	95.7
860	7/2/2010 10:31	17.12	50.35	33.05	7.47	7.87	3.9	1.56	94.5
861	7/2/2010 10:46	17.11	50.45	33.12	7.46	7.87	3.9	1.58	94.5
862	7/2/2010 11:01	17.11	50.41	33.10	7.34	7.86	3.9	1.63	93.0
863	7/2/2010 11:16	17.19	50.38	33.08	7.34	7.86	4.0	1.68	93.1
864	7/2/2010 11:31	17.13	50.32	33.03	7.38	7.87	4.2	1.73	93.5
865	7/2/2010 11:46	17.08	50.42	33.11	7.29	7.86	5.1	1.79	92.3
866	7/2/2010 12:01	17.02	50.37	33.07	7.22	7.85	5.1	1.85	91.3
867	7/2/2010 12:16	17.16	50.43	33.11	7.27	7.86	4.6	1.93	92.1
868	7/2/2010 12:31	17.23	50.37	33.07	7.26	7.86	5.7	1.99	92.1
869	7/2/2010 12:46	17.45	50.10	32.88	7.36	7.86	5.9	2.05	93.6
870	7/2/2010 13:01	17.39	50.12	32.89	7.33	7.86	6.5	2.15	93.2
871	7/2/2010 13:16	17.10	50.43	33.11	7.35	7.85	7.0	2.23	93.0
872	7/2/2010 13:31	16.27	50.55	33.19	7.27	7.84	6.9	2.29	90.6
873	7/2/2010 13:46	16.01	50.44	33.11	7.46	7.85	6.3	2.37	92.5
874	7/2/2010 14:01	15.77	50.71	33.30	7.65	7.86	5.7	2.46	94.4
875	7/2/2010 14:16	15.62	50.61	33.22	7.66	7.85	5.8	2.53	94.3
876	7/2/2010 14:31	15.37	50.76	33.33	7.64	7.85	5.9	2.60	93.6
877	7/2/2010 14:46	15.17	50.74	33.31	7.65	7.84	5.9	2.68	93.4
878	7/2/2010 15:01	15.05	50.79	33.34	7.71	7.97	5.7	2.75	93.9
879	7/2/2010 15:16	14.97	50.64	33.23	7.78	7.84	5.6	2.82	94.5
880	7/2/2010 15:31	14.69	50.87	33.39	7.83	7.97	6.2	2.88	94.7
881	7/2/2010 15:46	14.42	50.64	33.21	7.92	7.83	5.6	2.95	95.2
882	7/2/2010 16:01	14.24	50.94	33.43	7.97	7.96	4.7	3.01	95.5
883	7/2/2010 16:16	14.04	50.81	33.33	8.02	7.83	3.1	3.05	95.6
884	7/2/2010 16:31	13.95	51.08	33.52	8.02	7.96	2.3	3.09	95.7
885	7/2/2010 16:46	13.76	51.14	33.56	8.05	7.96	2.6	3.13	95.6
886	7/2/2010 17:01	13.63	51.10	33.52	7.75	7.81	1.4	3.15	91.9
887	7/2/2010 17:16	13.50	51.24	33.62	7.62	7.93	1.7	3.16	90.1
888	7/2/2010 17:31	13.54	51.03	33.47	7.88	7.81	2.0	3.15	93.1
889	7/2/2010 17:46	13.82	51.00	33.46	7.83	7.81	2.1	3.13	93.1
890	7/2/2010 18:01	14.46	51.03	33.50	7.95	7.96	4.4	3.09	95.8
891	7/2/2010 18:16	14.83	50.98	33.47	7.93	7.97	5.4	3.05	96.3
892	7/2/2010 18:31	15.22	50.85	33.39	8.16	7.86	7.5	2.99	99.7
893	7/2/2010 18:46	15.19	51.00	33.50	8.37	7.87	8.7	2.93	102.3
894	7/2/2010 19:01	15.10	50.97	33.47	8.50	8.01	8.0	2.87	103.7
895	7/2/2010 19:16	15.06	50.98	33.48	8.50	8.01	6.5	2.79	103.6
896	7/2/2010 19:31	15.38	50.93	33.46	8.34	8.00	9.0	2.72	102.3
897	7/2/2010 19:46	15.63	50.86	33.41	8.46	8.01	7.6	2.65	104.3
898	7/2/2010 20:01	15.66	50.85	33.40	8.25	7.88	9.6	2.59	101.8
899	7/2/2010 20:16	16.29	50.79	33.37	8.18	8.00	10.1	2.51	102.0
900	7/2/2010 20:31	16.64	50.71	33.32	7.98	7.99	11.0	2.44	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	7/2/2010 20:46	16.78	50.56	33.21	7.93	7.88	9.9	2.39	99.8
902	7/2/2010 21:01	16.78	50.66	33.28	7.89	7.87	10.8	2.32	99.4
903	7/2/2010 21:16	16.97	50.62	33.25	7.82	7.87	10.9	2.26	98.8
904	7/2/2010 21:31	17.27	50.50	33.17	7.68	7.87	11.2	2.21	97.5
905	7/2/2010 21:46	17.52	50.54	33.20	7.55	7.87	11.6	2.17	96.4
906	7/2/2010 22:01	17.51	50.41	33.11	7.51	7.87	10.4	2.11	95.9
907	7/2/2010 22:16	17.56	50.56	33.22	7.46	7.87	10.3	2.07	95.4
908	7/2/2010 22:31	17.55	50.46	33.14	7.42	7.87	10.4	2.06	94.8
909	7/2/2010 22:46	17.69	50.48	33.15	7.28	7.87	9.5	2.03	93.2
910	7/2/2010 23:01	17.68	50.47	33.15	6.95	7.83	7.4	2.02	88.9
911	7/2/2010 23:16	17.65	50.56	33.21	7.25	7.86	9.2	2.03	92.9
912	7/2/2010 23:31	17.48	50.49	33.16	7.26	7.86	9.6	2.03	92.7
913	7/2/2010 23:46	17.48	50.50	33.17	7.35	7.86	9.9	2.06	93.8
914	7/3/2010 0:01	17.46	50.44	33.13	7.38	7.86	9.3	2.09	94.1
915	7/3/2010 0:16	17.47	50.52	33.19	7.41	7.87	8.6	2.12	94.5
916	7/3/2010 0:31	17.45	50.47	33.15	7.42	7.87	9.3	2.17	94.5
917	7/3/2010 0:46	17.60	50.47	33.14	7.39	7.87	10.4	2.21	94.4
918	7/3/2010 1:01	17.45	50.38	33.08	7.33	7.86	11.1	2.26	93.4
919	7/3/2010 1:16	17.41	50.47	33.15	7.28	7.86	10.9	2.30	92.7
920	7/3/2010 1:31	17.32	50.48	33.15	7.29	7.85	10.9	2.36	92.7
921	7/3/2010 1:46	17.00	50.54	33.19	7.41	7.85	10.6	2.40	93.6
922	7/3/2010 2:01	16.59	50.65	33.27	7.50	7.85	11.5	2.45	94.0
923	7/3/2010 2:16	16.61	50.66	33.28	7.48	7.85	11.5	2.49	93.9
924	7/3/2010 2:31	16.36	50.63	33.25	7.52	7.85	12.6	2.54	93.9
925	7/3/2010 2:46	16.29	50.65	33.26	7.57	7.85	9.5	2.58	94.4
926	7/3/2010 3:01	15.99	50.48	33.14	7.62	7.85	7.1	2.61	94.5
927	7/3/2010 3:16	15.84	50.64	33.25	7.61	7.85	5.8	2.65	94.1
928	7/3/2010 3:31	15.48	50.67	33.26	7.68	7.85	5.1	2.70	94.3
929	7/3/2010 3:46	15.39	50.72	33.30	7.71	7.98	4.5	2.71	94.4
930	7/3/2010 4:01	15.22	50.67	33.25	7.71	7.84	4.4	2.75	94.1
931	7/3/2010 4:16	15.01	50.94	33.45	7.67	7.96	3.8	2.77	93.4
932	7/3/2010 4:31	14.93	50.97	33.47	7.57	7.96	3.5	2.78	92.0
933	7/3/2010 4:46	14.89	50.91	33.43	7.17	7.81	2.7	2.79	87.0
934	7/3/2010 5:01	14.61	51.08	33.54	7.55	7.82	3.5	2.79	91.2
935	7/3/2010 5:16	14.66	51.02	33.50	7.47	7.81	3.2	2.78	90.4
936	7/3/2010 5:31	14.73	50.97	33.47	7.58	7.82	2.9	2.75	91.8
937	7/3/2010 5:46	15.22	50.87	33.40	7.37	7.95	5.4	2.70	90.1
938	7/3/2010 6:01	15.37	50.75	33.32	7.35	7.82	4.7	2.67	90.1
939	7/3/2010 6:16	15.75	50.63	33.24	7.25	7.82	6.5	2.63	89.4
940	7/3/2010 6:31	15.99	50.55	33.19	6.51	7.78	10.3	2.56	80.7
941	7/3/2010 6:46	16.10	50.54	33.18	6.78	7.92	11.8	2.48	84.2
942	7/3/2010 7:01	16.13	50.58	33.21	6.73	7.92	9.1	2.42	83.7
943	7/3/2010 7:16	16.29	50.43	33.10	6.73	7.80	8.4	2.36	83.9
944	7/3/2010 7:31	16.30	50.50	33.16	6.74	7.80	8.1	2.27	84.0
945	7/3/2010 7:46	16.32	50.56	33.20	6.70	7.92	8.3	2.20	83.6
946	7/3/2010 8:01	16.37	50.54	33.18	6.72	7.92	7.1	2.13	83.9
947	7/3/2010 8:16	16.38	50.60	33.23	6.74	7.92	6.5	2.08	84.2
948	7/3/2010 8:31	16.54	50.60	33.23	6.83	7.81	6.1	2.01	85.7
949	7/3/2010 8:46	16.60	50.49	33.15	6.91	7.82	6.7	1.92	86.7
950	7/3/2010 9:01	16.76	50.54	33.19	6.90	7.82	6.2	1.89	86.8
951	7/3/2010 9:16	16.97	50.52	33.18	6.83	7.94	5.9	1.83	86.3
952	7/3/2010 9:31	17.02	50.43	33.12	6.91	7.83	6.5	1.77	87.4
953	7/3/2010 9:46	17.10	50.50	33.17	6.91	7.83	5.8	1.75	87.5

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	
954	7/3/2010 10:01	17.16	50.53	33.19	6.94	7.83	5.4	1.72	88.0
955	7/3/2010 10:16	17.22	50.51	33.17	6.72	7.83	4.9	1.70	85.3
956	7/3/2010 10:31	17.27	50.45	33.13	6.55	7.82	4.2	1.68	83.3
957	7/3/2010 10:46	17.24	50.42	33.11	6.84	7.83	7.1	1.70	86.9
958	7/3/2010 11:01	17.14	50.56	33.21	6.82	7.82	7.1	1.71	86.5
959	7/3/2010 11:16	17.08	50.46	33.14	6.79	7.82	8.3	1.72	86.0
960	7/3/2010 11:31	17.06	50.52	33.18	6.79	7.82	7.5	1.76	85.9
961	7/3/2010 11:46	17.07	50.41	33.10	6.73	7.82	7.1	1.78	85.1
962	7/3/2010 12:01	17.05	50.53	33.18	6.73	7.82	7.6	1.85	85.2
963	7/3/2010 12:16	17.04	50.53	33.19	6.79	7.83	9.9	1.88	85.9
964	7/3/2010 12:31	16.95	50.28	33.00	6.71	7.82	12.0	1.94	84.6
965	7/3/2010 12:46	16.98	50.26	32.99	6.76	7.82	11.3	2.00	85.3
966	7/3/2010 13:01	16.98	50.26	32.99	6.78	7.82	8.2	2.06	85.6
967	7/3/2010 13:16	17.10	50.42	33.10	6.82	7.83	8.0	2.13	86.3
968	7/3/2010 13:31	17.18	50.39	33.08	6.98	7.83	8.0	2.20	88.5
969	7/3/2010 13:46	16.88	50.50	33.16	6.98	7.82	7.4	2.27	88.0
970	7/3/2010 14:01	16.75	50.60	33.23	7.01	7.82	7.6	2.34	88.3
971	7/3/2010 14:16	16.22	50.65	33.27	7.16	7.82	6.7	2.41	89.2
972	7/3/2010 14:31	15.89	50.67	33.27	7.33	7.83	6.7	2.48	90.8
973	7/3/2010 14:46	15.71	50.75	33.33	7.48	7.96	6.2	2.55	92.3
974	7/3/2010 15:01	15.52	50.75	33.32	7.61	7.84	6.0	2.62	93.6
975	7/3/2010 15:16	15.36	50.80	33.36	7.61	7.96	5.2	2.68	93.3
976	7/3/2010 15:31	15.10	50.77	33.33	7.59	7.83	5.9	2.75	92.5
977	7/3/2010 15:46	14.96	50.64	33.23	7.63	7.83	4.9	2.81	92.7
978	7/3/2010 16:01	14.83	50.91	33.42	7.67	7.96	4.9	2.88	93.0
979	7/3/2010 16:16	14.69	50.96	33.46	7.78	7.96	4.5	2.94	94.1
980	7/3/2010 16:31	14.59	50.90	33.41	7.92	7.96	4.7	2.99	95.6
981	7/3/2010 16:46	14.59	51.01	33.49	7.96	7.85	3.5	3.04	96.1
982	7/3/2010 17:01	14.45	51.03	33.50	8.06	7.97	3.2	3.08	97.1
983	7/3/2010 17:16	14.23	51.05	33.51	8.04	7.97	2.6	3.11	96.4
984	7/3/2010 17:31	14.18	51.11	33.55	7.96	7.97	2.5	3.14	95.4
985	7/3/2010 17:46	14.18	50.97	33.45	7.73	7.81	2.1	3.15	92.6
986	7/3/2010 18:01	14.20	51.08	33.53	7.72	7.80	1.7	3.15	92.5
987	7/3/2010 18:16	14.27	51.06	33.52	7.85	7.82	2.3	3.15	94.2
988	7/3/2010 18:31	14.43	51.00	33.48	8.00	7.84	3.6	3.12	96.3
989	7/3/2010 18:46	14.83	51.02	33.50	8.04	7.85	4.9	3.08	97.5
990	7/3/2010 19:01	15.29	50.90	33.43	8.26	8.00	6.5	3.04	101.1
991	7/3/2010 19:16	15.38	50.89	33.42	8.41	7.89	5.9	2.98	103.1
992	7/3/2010 19:31	15.57	50.89	33.43	8.42	7.89	8.7	2.90	103.6
993	7/3/2010 19:46	15.22	51.09	33.56	8.39	7.89	5.4	2.83	102.7
994	7/3/2010 20:01	15.54	50.83	33.38	8.36	7.88	7.4	2.77	102.8
995	7/3/2010 20:16	15.37	51.00	33.50	8.38	8.00	6.2	2.70	102.9
996	7/3/2010 20:31	15.78	50.90	33.44	8.35	7.89	6.3	2.62	103.3
997	7/3/2010 20:46	15.67	50.96	33.48	8.19	8.00	9.0	2.54	101.0
998	7/3/2010 21:01	16.47	50.50	33.16	7.91	7.87	9.3	2.48	98.9
999	7/3/2010 21:16	16.35	50.80	33.37	7.97	7.89	8.5	2.40	99.6
1000	7/3/2010 21:31	16.83	50.66	33.28	7.58	7.86	11.0	2.34	95.6
1001	7/3/2010 21:46	16.82	50.66	33.28	7.57	7.86	11.7	2.27	95.5
1002	7/3/2010 22:01	16.98	50.66	33.28	7.43	7.84	13.1	2.20	93.9
1003	7/3/2010 22:16	16.88	50.66	33.28	7.41	7.84	11.2	2.15	93.6
1004	7/3/2010 22:31	17.17	50.64	33.27	7.29	7.84	11.2	2.09	92.6
1005	7/3/2010 22:46	17.36	50.50	33.17	7.21	7.83	13.2	2.04	91.8
1006	7/3/2010 23:01	17.41	50.61	33.25	7.14	7.84	11.8	1.99	91.0

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	
1007	7/3/2010 23:16	17.58	50.63	33.26	6.96	7.83	12.6	1.95	89.0
1008	7/3/2010 23:31	17.63	50.62	33.26	6.95	7.83	11.8	1.93	89.0
1009	7/3/2010 23:46	17.64	50.67	33.29	6.57	7.80	9.6	1.91	84.2
1010	7/4/2010 0:01	17.66	50.71	33.33	6.35	7.77	8.6	1.90	81.4
1011	7/4/2010 0:16	17.60	50.61	33.25	6.85	7.82	10.3	1.91	87.6
1012	7/4/2010 0:31	17.50	50.62	33.26	6.87	7.82	11.1	1.93	87.7
1013	7/4/2010 0:46	17.46	50.70	33.31	6.89	7.82	11.7	1.94	88.0
1014	7/4/2010 1:01	17.37	50.63	33.27	6.93	7.81	11.8	1.97	88.3
1015	7/4/2010 1:16	17.31	50.69	33.31	7.00	7.82	10.6	2.01	89.0
1016	7/4/2010 1:31	17.25	50.64	33.27	7.04	7.82	9.8	2.03	89.5
1017	7/4/2010 1:46	17.23	50.62	33.26	7.03	7.82	9.9	2.08	89.3
1018	7/4/2010 2:01	17.31	50.63	33.26	7.10	7.83	10.1	2.13	90.3
1019	7/4/2010 2:16	17.25	50.63	33.26	7.05	7.83	10.7	2.16	89.6
1020	7/4/2010 2:31	17.23	50.59	33.23	7.04	7.83	11.3	2.19	89.4
1021	7/4/2010 2:46	17.19	50.57	33.22	7.02	7.83	11.5	2.24	89.0
1022	7/4/2010 3:01	17.13	50.56	33.21	7.10	7.84	12.5	2.29	90.0
1023	7/4/2010 3:16	16.73	50.77	33.36	7.26	7.84	9.0	2.32	91.3
1024	7/4/2010 3:31	16.60	50.77	33.36	7.28	7.95	10.7	2.36	91.4
1025	7/4/2010 3:46	16.45	50.83	33.40	7.28	7.95	12.8	2.40	91.2
1026	7/4/2010 4:01	16.32	50.78	33.36	7.36	7.84	12.6	2.44	91.9
1027	7/4/2010 4:16	16.13	50.83	33.39	7.43	7.84	10.9	2.47	92.5
1028	7/4/2010 4:31	16.16	50.79	33.37	7.36	7.84	19.0	2.50	91.6
1029	7/4/2010 4:46	15.82	50.87	33.42	7.54	7.85	5.4	2.54	93.3
1030	7/4/2010 5:01	15.69	50.89	33.43	7.62	7.85	4.9	2.57	94.0
1031	7/4/2010 5:16	15.64	50.88	33.42	7.52	7.85	4.0	2.59	92.7
1032	7/4/2010 5:31	15.60	50.88	33.42	7.43	7.84	4.0	2.61	91.5
1033	7/4/2010 5:46	15.72	50.85	33.40	6.60	7.79	4.8	2.61	81.4
1034	7/4/2010 6:01	15.69	50.86	33.40	7.03	7.82	3.3	2.62	86.8
1035	7/4/2010 6:16	15.60	50.67	33.27	7.18	7.82	3.4	2.62	88.4
1036	7/4/2010 6:31	15.53	50.87	33.41	7.42	7.84	6.3	2.60	91.2
1037	7/4/2010 6:46	15.65	50.56	33.18	7.42	8.03	4.5	2.57	91.4
1038	7/4/2010 7:01	15.91	50.59	33.21	6.99	7.81	5.7	2.54	86.5
1039	7/4/2010 7:16	16.19	50.57	33.20	6.93	7.92	7.6	2.50	86.3
1040	7/4/2010 7:31	16.20	50.46	33.13	6.37	7.76	12.0	2.44	79.3
1041	7/4/2010 7:46	16.17	50.54	33.18	6.52	7.88	12.6	2.39	81.0
1042	7/4/2010 8:01	16.29	50.42	33.09	6.65	7.78	9.5	2.33	82.9
1043	7/4/2010 8:16	16.46	50.39	33.08	6.73	7.79	8.9	2.28	84.2
1044	7/4/2010 8:31	16.44	50.48	33.14	6.66	7.78	8.9	2.22	83.3
1045	7/4/2010 8:46	16.52	50.53	33.18	6.65	7.79	7.6	2.17	83.3
1046	7/4/2010 9:01	16.56	50.28	33.00	6.71	7.79	6.7	2.10	84.0
1047	7/4/2010 9:16	16.63	50.52	33.18	6.83	7.80	6.5	2.06	85.7
1048	7/4/2010 9:31	16.70	50.50	33.16	6.85	7.81	7.7	2.02	86.1
1049	7/4/2010 9:46	16.85	50.55	33.20	6.85	7.81	6.2	1.98	86.3
1050	7/4/2010 10:01	16.87	50.42	33.11	6.93	7.81	7.2	1.94	87.3
1051	7/4/2010 10:16	16.91	50.56	33.20	6.88	7.81	6.2	1.91	86.8
1052	7/4/2010 10:31	16.97	50.57	33.22	6.92	7.81	6.8	1.89	87.4
1053	7/4/2010 10:46	17.07	50.47	33.15	6.55	7.80	6.1	1.87	82.9
1054	7/4/2010 11:01	17.05	50.60	33.24	6.07	7.77	6.0	1.86	76.8
1055	7/4/2010 11:16	17.15	50.64	33.27	6.37	7.79	5.2	1.86	80.8
1056	7/4/2010 11:31	17.02	50.62	33.25	6.69	7.80	8.9	1.86	84.6
1057	7/4/2010 11:46	17.01	50.74	33.34	6.65	7.92	7.5	1.86	84.2
1058	7/4/2010 12:01	17.02	50.62	33.26	6.86	7.81	6.6	1.90	86.8
1059	7/4/2010 12:16	16.99	50.64	33.27	6.76	7.80	12.6	1.91	85.5

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	
1060	7/4/2010 12:31	16.94	50.67	33.29	6.73	7.80	11.9	1.95	85.0
1061	7/4/2010 12:46	16.93	50.57	33.22	6.74	7.80	9.7	1.98	85.1
1062	7/4/2010 13:01	16.93	50.75	33.34	6.75	7.81	7.8	2.03	85.3
1063	7/4/2010 13:16	16.90	50.75	33.34	6.70	7.91	10.3	2.09	84.7
1064	7/4/2010 13:31	16.85	50.54	33.19	6.64	7.79	8.7	2.14	83.7
1065	7/4/2010 13:46	16.77	50.68	33.29	6.55	7.79	8.7	2.20	82.5
1066	7/4/2010 14:01	16.56	50.64	33.26	6.83	7.80	8.8	2.26	85.6
1067	7/4/2010 14:16	16.46	50.76	33.34	7.17	7.82	7.5	2.32	89.8
1068	7/4/2010 14:31	16.45	50.67	33.28	7.31	7.83	6.5	2.40	91.4
1069	7/4/2010 14:46	16.25	50.80	33.38	7.46	7.95	6.7	2.46	93.0
1070	7/4/2010 15:01	16.22	50.87	33.42	7.59	7.95	5.9	2.52	94.7
1071	7/4/2010 15:16	15.64	50.99	33.50	7.62	7.95	5.7	2.59	94.0
1072	7/4/2010 15:31	15.28	50.65	33.25	7.74	8.03	6.0	2.65	94.6
1073	7/4/2010 15:46	15.19	50.94	33.46	7.84	7.85	6.3	2.71	95.8
1074	7/4/2010 16:01	15.15	50.91	33.43	7.88	7.85	5.7	2.79	96.3
1075	7/4/2010 16:16	15.02	51.01	33.50	7.88	7.85	5.1	2.85	96.0
1076	7/4/2010 16:31	14.82	51.08	33.55	7.90	7.96	4.3	2.90	95.9
1077	7/4/2010 16:46	14.76	51.00	33.49	7.93	7.85	4.3	2.96	96.1
1078	7/4/2010 17:01	14.80	50.98	33.48	7.99	7.85	4.1	3.02	96.9
1079	7/4/2010 17:16	14.74	51.07	33.54	8.07	7.86	3.8	3.06	97.8
1080	7/4/2010 17:31	14.63	50.90	33.41	8.00	7.86	3.2	3.11	96.7
1081	7/4/2010 17:46	14.60	50.88	33.40	7.91	7.85	2.3	3.15	95.5
1082	7/4/2010 18:01	14.60	50.98	33.47	7.81	7.83	1.9	3.17	94.4
1083	7/4/2010 18:16	14.59	51.07	33.53	7.48	7.82	2.6	3.19	90.3
1084	7/4/2010 18:31	14.61	50.97	33.46	7.15	7.79	2.0	3.19	86.4
1085	7/4/2010 18:46	14.70	50.84	33.37	7.65	7.83	2.2	3.19	92.6
1086	7/4/2010 19:01	14.96	50.66	33.24	8.05	7.85	3.5	3.18	97.9
1087	7/4/2010 19:16	15.18	50.83	33.38	8.16	7.98	7.2	3.13	99.7
1088	7/4/2010 19:31	14.94	50.72	33.29	8.14	7.87	8.1	3.10	98.9
1089	7/4/2010 19:46	15.01	50.73	33.30	8.23	7.87	11.5	3.04	100.2
1090	7/4/2010 20:01	15.16	50.96	33.47	8.14	7.98	10.4	2.97	99.5
1091	7/4/2010 20:16	15.30	50.92	33.44	8.05	7.86	11.2	2.91	98.6
1092	7/4/2010 20:31	15.21	50.95	33.46	8.12	7.87	13.1	2.84	99.3
1093	7/4/2010 20:46	14.66	51.21	33.64	8.23	7.97	9.0	2.77	99.6
1094	7/4/2010 21:01	15.06	50.95	33.46	8.21	7.87	10.9	2.69	100.1
1095	7/4/2010 21:16	15.55	50.48	33.12	8.04	8.06	10.3	2.63	98.7
1096	7/4/2010 21:31	15.82	50.93	33.46	7.87	7.87	10.9	2.55	97.3
1097	7/4/2010 21:46	16.04	50.83	33.39	7.80	7.86	11.7	2.48	96.9
1098	7/4/2010 22:01	16.37	50.68	33.28	7.65	7.85	12.9	2.42	95.6
1099	7/4/2010 22:16	16.22	50.89	33.44	7.61	7.85	11.0	2.34	94.9
1100	7/4/2010 22:31	16.61	50.95	33.49	7.48	7.85	12.5	2.27	94.0
1101	7/4/2010 22:46	16.73	50.80	33.38	7.44	7.85	11.0	2.18	93.6
1102	7/4/2010 23:01	16.61	50.88	33.44	7.36	7.85	12.5	2.12	92.4
1103	7/4/2010 23:16	16.87	50.82	33.40	7.36	7.85	10.4	2.04	92.9
1104	7/4/2010 23:31	17.06	50.80	33.38	7.17	7.84	11.9	1.97	90.8
1105	7/4/2010 23:46	17.21	50.73	33.34	7.14	7.84	11.0	1.92	90.7
1106	7/5/2010 0:01	17.37	50.86	33.44	7.03	7.83	12.0	1.87	89.6
1107	7/5/2010 0:16	17.46	50.78	33.37	6.99	7.83	11.2	1.82	89.2
1108	7/5/2010 0:31	17.49	50.87	33.44	6.67	7.82	8.9	1.78	85.2
1109	7/5/2010 0:46	17.50	50.86	33.43	6.38	7.78	9.5	1.77	81.5
1110	7/5/2010 1:01	17.54	50.80	33.39	6.36	7.77	8.0	1.77	81.4
1111	7/5/2010 1:16	17.47	50.91	33.47	6.85	7.93	10.6	1.76	87.6
1112	7/5/2010 1:31	17.46	50.86	33.43	6.94	7.83	9.2	1.79	88.6

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		
1113	7/5/2010 1:46	17.40	50.86	33.43	6.88	7.83	9.3	1.80	87.8
1114	7/5/2010 2:01	17.34	50.79	33.38	6.92	7.83	9.9	1.84	88.1
1115	7/5/2010 2:16	17.27	50.82	33.40	6.94	7.83	10.4	1.86	88.3
1116	7/5/2010 2:31	17.21	50.91	33.47	6.89	7.93	9.5	1.90	87.6
1117	7/5/2010 2:46	17.22	50.71	33.32	6.90	7.83	9.0	1.96	87.7
1118	7/5/2010 3:01	17.28	50.75	33.35	6.89	7.82	9.9	1.99	87.6
1119	7/5/2010 3:16	17.20	50.84	33.42	6.74	7.81	7.6	2.02	85.7
1120	7/5/2010 3:31	17.17	50.73	33.33	6.78	7.82	9.2	2.06	86.1
1121	7/5/2010 3:46	17.15	50.71	33.32	6.74	7.81	9.3	2.10	85.5
1122	7/5/2010 4:01	17.13	50.78	33.37	6.85	7.82	17.1	2.15	87.0
1123	7/5/2010 4:16	17.07	50.86	33.43	6.89	7.93	7.2	2.18	87.4
1124	7/5/2010 4:31	17.00	50.79	33.38	6.85	7.82	6.8	2.22	86.7
1125	7/5/2010 4:46	16.74	50.89	33.45	6.93	7.82	7.2	2.27	87.3
1126	7/5/2010 5:01	16.71	50.91	33.46	6.94	7.82	7.8	2.32	87.4
1127	7/5/2010 5:16	16.56	50.84	33.41	6.99	7.82	7.6	2.35	87.8
1128	7/5/2010 5:31	16.39	50.89	33.45	6.99	7.82	6.4	2.39	87.5
1129	7/5/2010 5:46	16.15	50.86	33.41	7.10	7.83	5.1	2.43	88.4
1130	7/5/2010 6:01	15.93	50.93	33.46	7.28	7.84	6.2	2.47	90.3
1131	7/5/2010 6:16	15.86	50.79	33.36	7.22	7.83	7.5	2.49	89.4
1132	7/5/2010 6:31	15.82	51.01	33.52	7.09	7.95	5.2	2.51	87.8
1133	7/5/2010 6:46	15.80	51.01	33.52	6.85	7.81	4.1	2.53	84.8
1134	7/5/2010 7:01	15.92	50.96	33.48	6.90	7.81	3.9	2.54	85.5
1135	7/5/2010 7:16	15.85	50.81	33.37	6.60	7.79	5.6	2.54	81.7
1136	7/5/2010 7:31	15.80	50.91	33.44	6.36	7.77	4.0	2.53	78.6
1137	7/5/2010 7:46	15.79	50.84	33.40	6.59	7.76	3.4	2.53	81.5
1138	7/5/2010 8:01	15.80	50.95	33.48	6.96	7.81	5.4	2.50	86.0
1139	7/5/2010 8:16	15.98	50.88	33.42	6.68	7.91	3.8	2.47	82.9
1140	7/5/2010 8:31	16.32	50.72	33.32	6.84	7.80	6.3	2.42	85.4
1141	7/5/2010 8:46	16.48	50.83	33.40	6.86	7.80	6.5	2.40	86.0
1142	7/5/2010 9:01	16.54	50.81	33.38	6.94	7.80	6.9	2.36	87.1
1143	7/5/2010 9:16	16.76	50.84	33.41	6.95	7.80	6.8	2.32	87.5
1144	7/5/2010 9:31	16.84	50.82	33.40	6.92	7.80	7.0	2.27	87.4
1145	7/5/2010 9:46	16.94	50.82	33.40	6.93	7.91	6.2	2.23	87.6
1146	7/5/2010 10:01	16.96	50.73	33.33	6.92	7.80	6.0	2.19	87.5
1147	7/5/2010 10:16	17.06	50.74	33.34	6.87	7.80	5.9	2.15	87.0
1148	7/5/2010 10:31	17.09	50.77	33.36	6.80	7.79	5.6	2.12	86.2
1149	7/5/2010 10:46	17.09	50.82	33.40	6.47	7.89	4.8	2.09	82.0
1150	7/5/2010 11:01	17.13	50.69	33.30	6.35	7.76	5.2	2.05	80.5
1151	7/5/2010 11:16	17.14	50.84	33.42	6.18	7.74	5.8	2.03	78.5
1152	7/5/2010 11:31	17.15	50.91	33.46	5.68	7.84	5.3	2.03	72.1
1153	7/5/2010 11:46	17.16	50.79	33.38	5.59	7.73	7.4	2.01	70.9
1154	7/5/2010 12:01	17.18	50.90	33.46	6.26	7.85	6.2	2.01	79.6
1155	7/5/2010 12:16	17.03	50.92	33.47	6.32	7.89	5.3	2.01	80.1
1156	7/5/2010 12:31	17.01	50.93	33.48	6.24	7.90	3.8	2.01	79.0
1157	7/5/2010 12:46	16.97	50.93	33.48	6.48	7.79	4.7	2.05	82.0
1158	7/5/2010 13:01	16.97	50.83	33.40	6.42	7.78	7.8	2.06	81.3
1159	7/5/2010 13:16	16.96	50.84	33.41	6.38	7.77	6.5	2.07	80.7
1160	7/5/2010 13:31	16.92	50.84	33.41	6.51	7.79	5.8	2.12	82.2
1161	7/5/2010 13:46	16.84	50.85	33.42	6.54	7.90	5.4	2.16	82.5
1162	7/5/2010 14:01	16.88	50.86	33.43	6.75	7.80	6.8	2.21	85.3
1163	7/5/2010 14:16	16.94	50.83	33.40	7.01	7.81	5.6	2.25	88.6
1164	7/5/2010 14:31	17.00	50.78	33.37	7.19	7.82	6.0	2.30	91.0
1165	7/5/2010 14:46	17.02	50.72	33.33	7.34	7.83	6.3	2.38	92.9

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	
1166	7/5/2010 15:01	17.07	50.83	33.40	7.47	7.84	5.6	2.43	94.7
1167	7/5/2010 15:16	16.74	50.90	33.45	7.57	7.85	4.9	2.47	95.4
1168	7/5/2010 15:31	16.71	50.94	33.48	7.74	7.85	4.6	2.54	97.4
1169	7/5/2010 15:46	16.57	51.00	33.52	7.86	7.86	5.2	2.61	98.8
1170	7/5/2010 16:01	15.48	51.07	33.56	7.57	7.84	5.1	2.67	93.2
1171	7/5/2010 16:16	15.43	50.98	33.49	7.73	7.85	4.5	2.73	94.9
1172	7/5/2010 16:31	15.01	51.08	33.55	7.81	7.85	4.5	2.79	95.1
1173	7/5/2010 16:46	14.73	50.98	33.47	7.82	7.85	4.9	2.86	94.8
1174	7/5/2010 17:01	14.53	51.23	33.65	7.92	7.84	4.5	2.92	95.6
1175	7/5/2010 17:16	14.57	51.09	33.55	8.05	7.86	3.5	2.99	97.2
1176	7/5/2010 17:31	14.07	51.27	33.67	7.97	7.84	3.1	3.04	95.4
1177	7/5/2010 17:46	13.94	51.24	33.64	8.01	7.84	3.1	3.10	95.5
1178	7/5/2010 18:01	13.81	51.30	33.68	8.13	7.95	3.3	3.14	96.8
1179	7/5/2010 18:16	13.71	51.30	33.68	8.11	7.95	2.6	3.18	96.4
1180	7/5/2010 18:31	13.47	51.39	33.73	8.06	7.95	2.0	3.23	95.3
1181	7/5/2010 18:46	13.42	51.38	33.72	8.04	7.94	2.1	3.26	95.0
1182	7/5/2010 19:01	13.68	51.35	33.71	8.10	7.84	2.6	3.26	96.2
1183	7/5/2010 19:16	13.79	51.30	33.68	7.38	7.91	9.9	3.28	87.8
1184	7/5/2010 19:31	13.63	51.29	33.67	7.78	7.93	2.0	3.26	92.3
1185	7/5/2010 19:46	13.68	51.29	33.67	7.72	7.93	1.6	3.25	91.6
1186	7/5/2010 20:01	13.98	51.04	33.49	7.75	7.82	2.2	3.20	92.4
1187	7/5/2010 20:16	14.83	50.98	33.47	7.96	7.86	2.8	3.16	96.6
1188	7/5/2010 20:31	15.50	51.01	33.51	8.36	7.89	7.1	3.11	102.9
1189	7/5/2010 20:46	15.46	51.11	33.59	8.41	7.90	6.7	3.05	103.5
1190	7/5/2010 21:01	15.10	51.11	33.58	8.29	7.88	6.4	2.97	101.2
1191	7/5/2010 21:16	15.15	51.00	33.50	8.21	7.87	5.9	2.92	100.3
1192	7/5/2010 21:31	15.23	51.03	33.52	8.17	7.87	6.2	2.84	100.0
1193	7/5/2010 21:46	15.44	51.13	33.60	8.16	7.87	5.2	2.78	100.3
1194	7/5/2010 22:01	15.51	51.07	33.56	8.14	7.88	6.0	2.70	100.2
1195	7/5/2010 22:16	15.59	51.11	33.59	8.07	7.87	5.7	2.64	99.5
1196	7/5/2010 22:31	15.75	51.12	33.60	8.02	7.99	6.3	2.56	99.3
1197	7/5/2010 22:46	15.85	51.11	33.60	7.87	7.97	5.8	2.48	97.6
1198	7/5/2010 23:01	16.27	51.00	33.52	7.81	7.97	6.8	2.40	97.6
1199	7/5/2010 23:16	16.94	50.92	33.47	7.70	7.86	7.4	2.32	97.4
1200	7/5/2010 23:31	16.85	51.00	33.53	7.67	7.97	8.2	2.23	96.8
1201	7/5/2010 23:46	17.21	50.95	33.50	7.63	7.86	8.9	2.15	97.0
1202	7/6/2010 0:01	17.33	50.92	33.48	7.59	7.86	7.9	2.07	96.7
1203	7/6/2010 0:16	17.55	50.91	33.47	7.54	7.87	9.3	1.99	96.5
1204	7/6/2010 0:31	17.65	50.86	33.43	7.49	7.86	7.1	1.91	96.0
1205	7/6/2010 0:46	17.74	50.85	33.43	7.44	7.86	6.5	1.84	95.5
1206	7/6/2010 1:01	17.72	50.93	33.49	7.39	7.86	6.3	1.78	94.9
1207	7/6/2010 1:16	17.89	50.88	33.45	7.37	7.86	5.6	1.74	94.9
1208	7/6/2010 1:31	17.95	50.70	33.32	7.29	7.86	6.8	1.69	93.9
1209	7/6/2010 1:46	18.04	50.84	33.42	6.98	7.84	5.4	1.65	90.2
1210	7/6/2010 2:01	18.05	50.90	33.46	6.30	7.81	4.1	1.65	81.4
1211	7/6/2010 2:16	17.98	50.91	33.47	7.13	7.85	7.5	1.66	92.1
1212	7/6/2010 2:31	17.98	50.91	33.47	7.19	7.85	5.1	1.63	92.8
1213	7/6/2010 2:46	17.89	50.92	33.48	7.17	7.85	5.1	1.65	92.4
1214	7/6/2010 3:01	17.81	50.94	33.50	7.14	7.86	5.3	1.72	91.9
1215	7/6/2010 3:16	17.72	50.96	33.51	7.20	7.85	5.7	1.74	92.4
1216	7/6/2010 3:31	17.64	50.89	33.46	7.19	7.85	5.4	1.78	92.2
1217	7/6/2010 3:46	17.72	50.85	33.43	7.10	7.85	5.8	1.82	91.1
1218	7/6/2010 4:01	17.76	50.78	33.38	7.08	7.85	6.1	1.89	91.0

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	
1219	7/6/2010 4:16	17.72	50.81	33.40	7.07	7.85	5.7	1.94	90.7
1220	7/6/2010 4:31	17.78	50.76	33.36	7.01	7.84	5.4	1.97	90.0
1221	7/6/2010 4:46	17.74	50.72	33.33	6.99	7.84	5.8	2.02	89.7
1222	7/6/2010 5:01	17.60	50.74	33.35	7.11	7.85	6.2	2.08	91.0
1223	7/6/2010 5:16	17.29	50.77	33.36	7.12	7.84	7.7	2.12	90.6
1224	7/6/2010 5:31	17.03	50.82	33.40	7.15	7.84	5.7	2.17	90.6
1225	7/6/2010 5:46	16.94	50.88	33.44	7.19	7.84	4.3	2.22	90.9
1226	7/6/2010 6:01	16.72	50.92	33.47	7.23	7.84	4.2	2.28	91.1
1227	7/6/2010 6:16	16.38	50.91	33.45	7.32	7.85	4.5	2.33	91.6
1228	7/6/2010 6:31	16.19	50.94	33.47	7.37	7.85	4.0	2.37	91.9
1229	7/6/2010 6:46	16.06	51.02	33.53	7.39	7.96	3.4	2.41	92.0
1230	7/6/2010 7:01	15.98	50.95	33.48	7.46	7.86	3.4	2.47	92.6
1231	7/6/2010 7:16	15.94	50.80	33.37	7.49	7.86	3.0	2.50	92.9
1232	7/6/2010 7:31	15.86	51.02	33.53	7.48	7.86	2.7	2.53	92.7
1233	7/6/2010 7:46	15.82	51.01	33.52	7.43	7.86	2.6	2.57	92.0
1234	7/6/2010 8:01	15.78	51.03	33.53	7.40	7.85	2.6	2.59	91.6
1235	7/6/2010 8:16	15.59	51.03	33.53	7.17	7.84	2.1	2.61	88.4
1236	7/6/2010 8:31	15.51	51.10	33.58	7.12	7.84	3.4	2.63	87.6
1237	7/6/2010 8:46	15.53	50.97	33.48	6.89	7.81	3.2	2.63	84.8
1238	7/6/2010 9:01	15.53	51.11	33.58	7.10	7.82	2.3	2.63	87.4
1239	7/6/2010 9:16	15.55	51.03	33.53	6.29	7.77	3.2	2.63	77.5
1240	7/6/2010 9:31	15.52	51.05	33.54	7.29	7.83	2.6	2.61	89.7
1241	7/6/2010 9:46	15.78	50.97	33.49	7.23	7.83	2.0	2.59	89.4
1242	7/6/2010 10:01	15.84	51.02	33.53	7.35	7.83	2.5	2.57	91.0
1243	7/6/2010 10:16	15.98	50.94	33.47	7.36	7.84	2.9	2.53	91.4
1244	7/6/2010 10:31	16.03	50.97	33.49	7.40	7.84	3.5	2.50	92.0
1245	7/6/2010 10:46	16.15	50.97	33.50	7.52	7.85	3.1	2.47	93.7
1246	7/6/2010 11:01	16.36	50.87	33.43	7.59	7.85	3.2	2.44	94.9
1247	7/6/2010 11:16	16.60	50.96	33.50	7.49	7.85	3.3	2.40	94.1
1248	7/6/2010 11:31	16.87	50.82	33.40	7.65	7.85	3.2	2.38	96.6
1249	7/6/2010 11:46	17.04	50.89	33.45	7.70	7.85	2.6	2.35	97.6
1250	7/6/2010 12:01	17.10	50.81	33.39	7.09	7.82	2.6	2.32	89.9
1251	7/6/2010 12:16	17.17	50.78	33.37	6.86	7.83	2.7	2.30	87.1
1252	7/6/2010 12:31	17.23	50.94	33.49	6.87	7.82	2.3	2.28	87.3
1253	7/6/2010 12:46	17.30	50.85	33.42	7.63	7.86	4.0	2.27	97.2
1254	7/6/2010 13:01	17.31	50.85	33.43	7.83	7.86	3.5	2.27	99.7
1255	7/6/2010 13:16	17.26	50.93	33.48	7.89	7.88	3.7	2.27	100.4
1256	7/6/2010 13:31	17.14	50.96	33.50	7.86	7.98	4.0	2.30	99.9
1257	7/6/2010 13:46	17.10	50.96	33.50	7.86	7.88	3.8	2.31	99.7
1258	7/6/2010 14:01	17.06	50.89	33.45	7.85	7.88	3.1	2.33	99.5
1259	7/6/2010 14:16	16.88	50.96	33.50	7.83	7.87	3.5	2.36	98.9
1260	7/6/2010 14:31	16.77	50.94	33.48	7.90	7.88	4.0	2.39	99.6
1261	7/6/2010 14:46	16.66	50.97	33.50	7.74	7.87	3.6	2.43	97.3
1262	7/6/2010 15:01	16.53	51.04	33.55	7.81	7.87	3.6	2.47	98.0
1263	7/6/2010 15:16	16.38	51.01	33.53	8.02	7.88	3.4	2.53	100.4
1264	7/6/2010 15:31	16.21	50.96	33.49	8.18	7.89	3.7	2.58	102.0
1265	7/6/2010 15:46	16.07	51.06	33.56	8.20	7.99	3.1	2.62	102.1
1266	7/6/2010 16:01	15.84	50.93	33.46	8.28	7.89	3.0	2.67	102.5
1267	7/6/2010 16:16	15.69	51.04	33.54	8.32	7.89	3.0	2.74	102.7
1268	7/6/2010 16:31	15.50	51.07	33.56	8.27	7.88	2.8	2.80	101.8
1269	7/6/2010 16:46	15.20	51.08	33.56	8.15	7.87	3.7	2.84	99.7
1270	7/6/2010 17:01	14.89	51.01	33.50	8.28	7.87	3.1	2.91	100.6
1271	7/6/2010 17:16	14.62	51.14	33.59	8.32	7.87	3.4	2.97	100.6

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	
1272	7/6/2010 17:31	14.23	51.18	33.61	8.30	7.86	3.5	3.04	99.6
1273	7/6/2010 17:46	13.94	51.25	33.64	8.28	7.95	3.1	3.10	98.8
1274	7/6/2010 18:01	13.70	51.22	33.62	8.41	7.95	3.3	3.16	99.8
1275	7/6/2010 18:16	13.47	51.24	33.62	8.49	7.85	3.3	3.22	100.3
1276	7/6/2010 18:31	13.31	51.31	33.67	8.45	7.85	2.9	3.27	99.6
1277	7/6/2010 18:46	13.26	51.39	33.72	8.51	7.86	2.3	3.32	100.2
1278	7/6/2010 19:01	13.15	51.42	33.74	8.53	7.85	2.1	3.36	100.2
1279	7/6/2010 19:16	13.09	51.43	33.75	8.66	7.85	2.0	3.40	101.6
1280	7/6/2010 19:31	12.97	51.52	33.80	8.46	7.94	1.8	3.42	99.0
1281	7/6/2010 19:46	12.94	51.49	33.78	7.87	7.90	1.6	3.45	92.0
1282	7/6/2010 20:01	12.94	51.42	33.73	8.06	7.80	2.0	3.45	94.3
1283	7/6/2010 20:16	12.89	51.53	33.81	8.45	7.91	1.2	3.44	98.8
1284	7/6/2010 20:31	12.87	51.55	33.82	8.30	7.91	1.3	3.43	97.0
1285	7/6/2010 20:46	12.91	51.43	33.74	8.29	7.81	1.5	3.40	96.9
1286	7/6/2010 21:01	13.59	51.22	33.61	8.36	7.83	2.5	3.35	99.1
1287	7/6/2010 21:16	14.03	51.17	33.59	8.34	7.86	3.1	3.31	99.7
1288	7/6/2010 21:31	14.69	51.10	33.56	8.11	7.97	4.1	3.25	98.2
1289	7/6/2010 21:46	14.16	51.29	33.68	8.26	7.95	2.6	3.19	99.0
1290	7/6/2010 22:01	14.88	50.98	33.47	8.44	7.88	3.5	3.10	102.6
1291	7/6/2010 22:16	15.58	51.09	33.58	8.46	7.90	5.3	3.02	104.3
1292	7/6/2010 22:31	15.45	51.04	33.53	8.30	7.88	4.4	2.95	102.0
1293	7/6/2010 22:46	15.60	51.03	33.53	8.34	7.89	4.9	2.86	102.8
1294	7/6/2010 23:01	15.62	51.11	33.59	8.37	7.89	5.2	2.76	103.2
1295	7/6/2010 23:16	15.93	51.02	33.53	8.31	7.89	5.4	2.67	103.1
1296	7/6/2010 23:31	16.01	51.06	33.56	8.19	7.99	8.5	2.57	101.8
1297	7/6/2010 23:46	15.66	50.97	33.49	7.99	7.87	6.0	2.47	98.6
1298	7/7/2010 0:01	15.50	51.18	33.64	7.97	7.86	5.9	2.37	98.1
1299	7/7/2010 0:16	16.59	50.88	33.44	8.13	7.90	8.3	2.27	102.1
1300	7/7/2010 0:31	16.20	51.20	33.67	7.99	7.89	8.7	2.16	99.7
1301	7/7/2010 0:46	16.72	51.07	33.58	8.03	7.90	8.3	2.06	101.2
1302	7/7/2010 1:01	16.89	51.02	33.54	7.99	7.90	7.1	1.96	101.0
1303	7/7/2010 1:16	17.03	51.03	33.55	7.95	7.90	6.7	1.87	100.7
1304	7/7/2010 1:31	17.16	51.02	33.55	7.87	7.90	6.0	1.76	100.0
1305	7/7/2010 1:46	17.16	50.90	33.46	7.82	7.89	5.5	1.69	99.4
1306	7/7/2010 2:01	17.32	50.88	33.44	7.78	7.90	4.8	1.63	99.1
1307	7/7/2010 2:16	17.45	51.05	33.57	7.75	7.90	4.7	1.55	99.0
1308	7/7/2010 2:31	17.63	51.08	33.60	7.74	7.90	4.8	1.52	99.2
1309	7/7/2010 2:46	17.93	50.99	33.54	7.75	7.91	4.2	1.51	100.0
1310	7/7/2010 3:01	17.98	50.98	33.52	7.66	7.91	4.0	1.48	98.8
1311	7/7/2010 3:16	18.00	51.01	33.55	6.89	7.86	18.3	1.49	89.0
1312	7/7/2010 3:31	17.98	51.03	33.56	7.65	7.91	3.6	1.53	98.8
1313	7/7/2010 3:46	17.95	50.87	33.44	7.74	7.91	3.7	1.56	99.8
1314	7/7/2010 4:01	17.88	50.98	33.52	7.72	7.90	3.9	1.58	99.5
1315	7/7/2010 4:16	17.95	50.80	33.39	7.77	7.98	3.8	1.64	100.1
1316	7/7/2010 4:31	17.92	50.95	33.50	7.76	7.91	4.2	1.71	100.1
1317	7/7/2010 4:46	17.87	50.94	33.50	7.75	7.91	5.6	1.75	99.8
1318	7/7/2010 5:01	17.85	50.86	33.44	7.72	7.89	4.9	1.80	99.3
1319	7/7/2010 5:16	17.82	50.82	33.40	7.60	7.90	6.1	1.86	97.8
1320	7/7/2010 5:31	17.74	50.91	33.48	7.67	7.90	5.7	1.93	98.5
1321	7/7/2010 5:46	17.71	50.89	33.46	7.66	7.90	4.3	1.97	98.3
1322	7/7/2010 6:01	17.65	50.87	33.44	7.68	7.90	4.3	2.03	98.4
1323	7/7/2010 6:16	17.54	50.90	33.46	7.71	7.90	4.0	2.11	98.7
1324	7/7/2010 6:31	17.24	50.96	33.51	7.70	7.89	4.0	2.16	98.0

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	
1325	7/7/2010 6:46	17.11	50.81	33.39	7.67	7.89	4.9	2.22	97.3
1326	7/7/2010 7:01	16.86	50.83	33.40	7.72	7.88	4.2	2.27	97.4
1327	7/7/2010 7:16	16.61	51.00	33.52	7.76	7.88	4.6	2.35	97.6
1328	7/7/2010 7:31	16.34	51.03	33.55	7.83	7.98	4.3	2.41	98.0
1329	7/7/2010 7:46	16.22	50.97	33.50	7.86	7.88	3.5	2.45	98.0
1330	7/7/2010 8:01	16.18	50.99	33.51	7.82	7.88	3.2	2.51	97.5
1331	7/7/2010 8:16	16.12	51.07	33.57	7.81	7.98	2.8	2.56	97.3
1332	7/7/2010 8:31	15.99	51.07	33.57	7.83	7.98	3.0	2.61	97.3
1333	7/7/2010 8:46	15.85	50.95	33.48	7.82	7.87	2.6	2.65	96.8
1334	7/7/2010 9:01	15.77	50.90	33.44	7.81	7.87	2.4	2.69	96.6
1335	7/7/2010 9:16	15.63	51.09	33.58	7.81	7.87	2.4	2.72	96.3
1336	7/7/2010 9:31	15.54	51.07	33.56	7.80	7.86	2.1	2.75	96.1
1337	7/7/2010 9:46	15.49	50.97	33.48	7.74	7.86	1.9	2.77	95.2
1338	7/7/2010 10:01	15.48	51.06	33.55	7.36	7.84	1.9	2.78	90.5
1339	7/7/2010 10:16	15.51	51.15	33.62	7.46	7.85	1.9	2.78	91.9
1340	7/7/2010 10:31	15.40	51.07	33.55	7.53	7.84	1.8	2.77	92.4
1341	7/7/2010 10:46	15.33	50.93	33.45	7.76	7.85	2.2	2.75	95.1
1342	7/7/2010 11:01	15.55	51.07	33.56	7.68	7.85	2.6	2.73	94.5
1343	7/7/2010 11:16	15.69	51.05	33.55	7.71	7.86	2.6	2.69	95.2
1344	7/7/2010 11:31	15.85	51.07	33.56	7.68	7.86	2.7	2.65	95.2
1345	7/7/2010 11:46	16.00	51.06	33.56	7.74	7.87	2.7	2.61	96.2
1346	7/7/2010 12:01	16.14	50.98	33.51	7.86	7.88	2.9	2.57	97.9
1347	7/7/2010 12:16	16.32	51.02	33.54	7.90	7.89	2.9	2.52	98.8
1348	7/7/2010 12:31	16.52	50.97	33.51	7.90	7.89	2.5	2.48	99.1
1349	7/7/2010 12:46	16.66	51.01	33.54	7.80	7.89	2.2	2.45	98.2
1350	7/7/2010 13:01	16.99	50.97	33.51	8.02	7.90	2.3	2.41	101.5
1351	7/7/2010 13:16	17.26	50.89	33.45	8.82	7.93	2.6	2.39	112.2
1352	7/7/2010 13:31	17.34	50.98	33.52	8.64	7.92	2.3	2.36	110.2
1353	7/7/2010 13:46	17.56	50.79	33.38	8.82	7.94	2.7	2.36	112.9
1354	7/7/2010 14:01	17.54	51.01	33.54	9.15	7.96	2.9	2.36	117.1
1355	7/7/2010 14:16	17.07	50.88	33.45	8.49	7.92	2.9	2.36	107.7
1356	7/7/2010 14:31	16.96	50.85	33.42	8.24	7.91	2.7	2.38	104.2
1357	7/7/2010 14:46	16.99	51.00	33.53	8.41	7.92	3.2	2.40	106.5
1358	7/7/2010 15:01	17.18	50.96	33.51	8.58	7.93	2.7	2.44	109.0
1359	7/7/2010 15:16	17.09	50.92	33.47	8.50	7.92	2.6	2.46	107.8
1360	7/7/2010 15:31	16.93	50.91	33.46	8.57	7.93	2.7	2.51	108.4
1361	7/7/2010 15:46	17.02	50.95	33.50	8.71	7.94	3.0	2.55	110.3
1362	7/7/2010 16:01	16.95	50.98	33.51	8.74	7.93	3.1	2.60	110.6
1363	7/7/2010 16:16	16.55	51.03	33.54	8.28	7.90	2.9	2.65	104.0
1364	7/7/2010 16:31	16.15	50.96	33.49	8.19	7.88	3.4	2.70	102.0
1365	7/7/2010 16:46	16.12	50.96	33.49	8.38	7.89	3.4	2.76	104.3
1366	7/7/2010 17:01	16.27	51.01	33.53	8.59	7.91	3.7	2.82	107.3
1367	7/7/2010 17:16	15.80	50.97	33.49	8.61	7.90	2.9	2.88	106.5
1368	7/7/2010 17:31	15.32	51.19	33.64	8.66	7.89	2.5	2.94	106.3
1369	7/7/2010 17:46	14.88	51.14	33.59	8.73	7.90	3.1	3.00	106.1
1370	7/7/2010 18:01	14.34	51.16	33.60	8.80	7.89	2.6	3.07	105.9
1371	7/7/2010 18:16	13.82	51.37	33.73	8.73	7.96	3.1	3.14	104.0
1372	7/7/2010 18:31	13.28	51.33	33.68	8.70	7.95	3.2	3.21	102.4
1373	7/7/2010 18:46	13.12	51.45	33.76	8.85	7.95	4.1	3.27	103.9
1374	7/7/2010 19:01	13.05	51.45	33.76	9.00	7.96	3.6	3.33	105.6
1375	7/7/2010 19:16	12.91	51.46	33.76	9.14	7.89	2.4	3.40	106.9
1376	7/7/2010 19:31	12.77	51.46	33.76	9.36	7.89	2.7	3.46	109.1
1377	7/7/2010 19:46	12.61	51.51	33.79	9.53	7.97	3.1	3.49	110.8

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		
1378	7/7/2010 20:01	12.42	51.51	33.78	9.65	7.90	2.4	3.54	111.7
1379	7/7/2010 20:16	12.37	51.47	33.74	9.68	7.90	1.1	3.57	111.9
1380	7/7/2010 20:31	12.37	51.56	33.81	9.42	7.96	1.2	3.59	109.0
1381	7/7/2010 20:46	12.52	51.57	33.82	9.50	7.97	1.8	3.60	110.3
1382	7/7/2010 21:01	12.37	51.57	33.82	9.46	7.97	1.1	3.60	109.4
1383	7/7/2010 21:16	12.36	51.43	33.72	9.56	7.89	1.1	3.58	110.5
1384	7/7/2010 21:31	12.40	51.51	33.78	9.52	7.89	1.7	3.54	110.2
1385	7/7/2010 21:46	13.22	51.17	33.56	9.26	7.98	1.9	3.51	108.8
1386	7/7/2010 22:01	14.45	51.12	33.57	8.72	7.88	3.3	3.44	105.1
1387	7/7/2010 22:16	14.41	51.21	33.63	8.96	7.90	4.0	3.37	107.9
1388	7/7/2010 22:31	15.11	51.23	33.67	8.93	8.01	4.5	3.28	109.1
1389	7/7/2010 22:46	15.16	51.21	33.65	9.04	7.92	4.3	3.20	110.6
1390	7/7/2010 23:01	15.09	51.17	33.62	8.86	8.00	4.3	3.11	108.2
1391	7/7/2010 23:16	15.25	51.21	33.66	8.75	8.00	4.9	3.00	107.2
1392	7/7/2010 23:31	15.56	51.17	33.63	8.66	8.00	5.2	2.90	106.7
1393	7/7/2010 23:46	15.58	51.04	33.53	8.56	7.90	3.9	2.81	105.5
1394	7/8/2010 0:01	15.40	51.22	33.66	8.45	7.88	4.9	2.70	103.8
1395	7/8/2010 0:16	15.96	51.15	33.63	8.40	7.99	4.6	2.59	104.3
1396	7/8/2010 0:31	16.61	51.09	33.59	8.53	7.92	7.4	2.48	107.3
1397	7/8/2010 0:46	16.49	51.12	33.61	8.37	7.91	5.7	2.36	105.0
1398	7/8/2010 1:01	16.56	51.15	33.63	8.40	7.91	6.5	2.24	105.6
1399	7/8/2010 1:16	16.68	51.14	33.63	8.34	7.90	7.7	2.13	105.0
1400	7/8/2010 1:31	16.66	51.12	33.62	8.19	7.90	6.5	2.01	103.1
1401	7/8/2010 1:46	17.06	51.11	33.62	8.10	7.91	55.4	1.90	102.7
1402	7/8/2010 2:01	17.18	51.06	33.58	8.05	7.90	5.9	1.78	102.4
1403	7/8/2010 2:16	17.37	51.05	33.57	8.00	7.91	9.9	1.66	102.1
1404	7/8/2010 2:31	17.50	51.10	33.61	7.93	7.90	6.0	1.57	101.5
1405	7/8/2010 2:46	17.82	51.12	33.63	7.94	7.91	4.8	1.46	102.3
1406	7/8/2010 3:01	18.01	51.09	33.61	7.89	7.92	4.6	1.39	101.9
1407	7/8/2010 3:16	18.37	51.01	33.55	7.84	7.92	4.2	1.36	102.0
1408	7/8/2010 3:31	18.59	51.03	33.57	7.83	7.92	4.2	1.31	102.2
1409	7/8/2010 3:46	18.70	50.98	33.52	7.84	7.92	4.2	1.29	102.6
1410	7/8/2010 4:01	18.69	51.06	33.59	7.53	7.91	3.7	1.31	98.5
1411	7/8/2010 4:16	18.64	51.01	33.55	7.92	7.92	3.0	1.34	103.6
1412	7/8/2010 4:31	18.49	51.05	33.58	7.84	7.93	3.3	1.37	102.2
1413	7/8/2010 4:46	18.40	51.02	33.55	7.79	7.92	3.2	1.41	101.4
1414	7/8/2010 5:01	18.40	50.97	33.52	7.88	7.93	3.5	1.47	102.5
1415	7/8/2010 5:16	18.39	51.00	33.54	7.90	7.93	3.8	1.54	102.8
1416	7/8/2010 5:31	18.41	50.86	33.44	7.82	7.92	4.9	1.60	101.7
1417	7/8/2010 5:46	18.35	50.91	33.47	7.79	7.92	4.5	1.64	101.3
1418	7/8/2010 6:01	18.28	50.89	33.46	7.77	7.91	4.6	1.72	100.8
1419	7/8/2010 6:16	18.25	50.88	33.45	7.77	7.91	5.0	1.79	100.8
1420	7/8/2010 6:31	18.19	50.90	33.47	7.85	7.91	4.5	1.84	101.6
1421	7/8/2010 6:46	18.09	50.94	33.49	7.86	7.92	3.5	1.92	101.6
1422	7/8/2010 7:01	17.83	50.84	33.42	7.91	7.98	4.3	2.00	101.8
1423	7/8/2010 7:16	17.54	50.95	33.50	7.85	7.91	4.5	2.06	100.5
1424	7/8/2010 7:31	17.25	50.88	33.44	7.91	7.91	4.1	2.14	100.7
1425	7/8/2010 7:46	17.04	50.95	33.50	7.94	7.91	4.8	2.22	100.6
1426	7/8/2010 8:01	16.66	51.07	33.58	8.03	7.91	4.1	2.29	101.1
1427	7/8/2010 8:16	16.55	51.09	33.59	8.07	8.00	3.5	2.37	101.4
1428	7/8/2010 8:31	16.50	51.08	33.59	8.09	7.91	3.8	2.44	101.6
1429	7/8/2010 8:46	16.48	51.08	33.58	8.08	8.00	3.4	2.50	101.3
1430	7/8/2010 9:01	16.38	51.08	33.58	8.07	7.99	3.4	2.56	101.1

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			
1431	7/8/2010 9:16	16.15	50.96	33.49	8.12	7.90	3.5	2.62	101.2
1432	7/8/2010 9:31	15.91	51.05	33.55	8.16	7.90	3.5	2.68	101.2
1433	7/8/2010 9:46	15.72	50.99	33.51	8.17	7.89	3.4	2.72	101.0
1434	7/8/2010 10:01	15.41	50.98	33.49	8.27	7.89	3.1	2.77	101.5
1435	7/8/2010 10:16	15.32	51.03	33.52	8.32	7.90	2.9	2.81	101.9
1436	7/8/2010 10:31	15.25	51.04	33.53	8.34	7.89	2.3	2.85	102.1
1437	7/8/2010 10:46	15.24	50.98	33.49	8.31	7.89	1.6	2.86	101.7
	Mean	15.28	50.55	33.16	8.11	7.91	6.3	2.44	99.0
	Minimum	10.17	48.49	31.68	5.59	7.73	1.1	0.91	70.9
	Maximum	18.70	51.64	33.82	11.15	8.15	55.4	3.76	139.0

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		DO Conc		Turbidity+	Depth	
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters	DO%
0	7/8/2010 11:16	15.47	51.21	33.66	8.01	7.99		2.65	98.6
1	7/8/2010 11:31	15.27	51.24	33.68	8.05	7.99	1.6	2.63	98.7
2	7/8/2010 11:46	15.29	51.29	33.72	7.91	8.01	2.3	2.60	97.1
3	7/8/2010 12:01	15.43	51.25	33.69	7.81	7.99	1.7	2.58	96.0
4	7/8/2010 12:16	15.56	51.22	33.67	7.58	7.99	1.5	2.54	93.4
5	7/8/2010 12:31	15.99	51.02	33.53	7.23	8.02	3.7	2.48	89.8
6	7/8/2010 12:46	16.30	51.09	33.59	7.78	8.03	3.2	2.43	97.3
7	7/8/2010 13:01	16.54	51.04	33.56	7.59	7.98	2.6	2.38	95.3
8	7/8/2010 13:16	16.76	51.13	33.62	7.57	8.02	3.0	2.33	95.4
9	7/8/2010 13:31	16.83	51.20	33.67	7.94	8.02	2.6	2.29	100.3
10	7/8/2010 13:46	17.00	51.05	33.57	7.66	8.00	3.0	2.24	97.1
11	7/8/2010 14:01	17.18	51.14	33.64	7.83	8.01	2.3	2.21	99.6
12	7/8/2010 14:16	17.33	51.17	33.66	7.72	8.21	13.2	2.19	98.5
13	7/8/2010 14:31	17.57	51.07	33.59	8.25	8.23	3.1	2.15	105.7
14	7/8/2010 14:46	17.81	51.10	33.61	8.57	8.25	2.7	2.14	110.4
15	7/8/2010 15:01	17.87	51.26	33.73	8.72	8.24	2.5	2.14	112.4
16	7/8/2010 15:16	17.68	51.41	33.84	9.18	8.28	2.3	2.15	118.0
17	7/8/2010 15:31	17.60	51.31	33.77	8.56	7.91	1.4	2.16	109.9
18	7/8/2010 15:46	17.80	51.31	33.77	8.74	8.25	1.3	2.18	112.5
19	7/8/2010 16:01	17.70	51.34	33.79	8.89	8.26	1.5	2.21	114.3
20	7/8/2010 16:16	17.45	51.37	33.80	8.63	8.24	1.3	2.25	110.5
21	7/8/2010 16:31	17.32	51.37	33.80	8.66	8.24	2.0	2.29	110.5
22	7/8/2010 16:46	17.26	51.36	33.80	8.77	8.24	1.7	2.33	111.8
23	7/8/2010 17:01	17.30	51.36	33.80	8.80	8.24	1.8	2.38	112.3
24	7/8/2010 17:16	16.87	51.37	33.80	8.62	8.23	1.6	2.44	109.2
25	7/8/2010 17:31	16.58	51.40	33.82	8.69	7.87	1.8	2.49	109.3
26	7/8/2010 17:46	16.46	51.39	33.81	8.79	8.05	2.7	2.56	110.3
27	7/8/2010 18:01	16.13	51.49	33.88	9.00	8.05	2.6	2.61	112.3
28	7/8/2010 18:16	15.49	51.51	33.88	9.03	8.04	2.1	2.68	111.3
29	7/8/2010 18:31	14.28	51.72	34.01	9.05	8.00	2.4	2.76	109.0
30	7/8/2010 18:46	13.89	51.68	33.96	9.00	8.01	3.0	2.82	107.5
31	7/8/2010 19:01	13.57	51.69	33.96	9.00	8.00	2.7	2.90	106.8
32	7/8/2010 19:16	13.37	51.72	33.97	9.02	8.00	2.4	2.97	106.6
33	7/8/2010 19:31	13.24	51.71	33.96	9.08	8.01	3.3	3.04	107.1
34	7/8/2010 19:46	13.24	51.73	33.98	9.25	8.02	4.3	3.11	109.1
35	7/8/2010 20:01	12.95	51.81	34.02	9.51	8.28	2.3	3.18	111.4
36	7/8/2010 20:16	12.76	51.80	34.00	9.73	8.04	2.5	3.24	113.6
37	7/8/2010 20:31	12.62	51.81	34.00	9.90	8.05	1.3	3.30	115.2
38	7/8/2010 20:46	12.49	51.79	33.99	10.04	8.05	1.5	3.34	116.6
39	7/8/2010 21:01	12.39	51.83	34.01	10.05	8.05	0.8	3.39	116.4
40	7/8/2010 21:16	12.31	51.86	34.02	10.01	8.05	1.4	3.43	115.8
41	7/8/2010 21:31	12.24	51.83	34.01	9.88	8.04	1.1	3.44	114.1
42	7/8/2010 21:46	12.52	51.74	33.95	9.70	8.05	2.1	3.45	112.7
43	7/8/2010 22:01	12.21	51.88	34.04	9.83	8.04	0.4	3.45	113.5
44	7/8/2010 22:16	12.22	51.90	34.05	9.80	8.04	0.2	3.42	113.2
45	7/8/2010 22:31	12.25	51.86	34.02	9.77	8.04	0.0	3.38	112.8
46	7/8/2010 22:46	13.71	51.10	33.53	8.91	8.02	1.4	3.32	105.8
47	7/8/2010 23:01	14.08	51.52	33.85	8.72	8.02	3.5	3.24	104.5
48	7/8/2010 23:16	14.33	51.64	33.95	8.85	8.06	2.6	3.16	106.6
49	7/8/2010 23:31	14.57	51.60	33.92	8.83	8.04	3.1	3.07	106.9
50	7/8/2010 23:46	14.59	51.57	33.90	8.77	8.04	3.4	2.95	106.2
51	7/9/2010 0:01	14.82	51.42	33.80	8.85	8.05	3.3	2.83	107.6
52	7/9/2010 0:16	15.17	51.43	33.81	8.59	8.04	4.0	2.72	105.2

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			
53	7/9/2010 0:31	15.11	51.58	33.92	8.62	8.03	2.8	2.62	105.5
54	7/9/2010 0:46	15.47	51.57	33.93	8.53	8.04	3.8	2.49	105.2
55	7/9/2010 1:01	15.85	51.48	33.87	8.38	8.04	4.3	2.36	104.1
56	7/9/2010 1:16	16.49	51.44	33.85	8.39	8.24	5.0	2.25	105.5
57	7/9/2010 1:31	16.21	51.43	33.84	8.31	8.22	4.6	2.12	103.9
58	7/9/2010 1:46	16.12	51.56	33.93	8.33	8.22	4.9	1.99	104.0
59	7/9/2010 2:01	16.35	51.50	33.89	8.23	7.85	4.8	1.86	103.2
60	7/9/2010 2:16	16.57	51.48	33.88	8.16	8.21	5.9	1.72	102.7
61	7/9/2010 2:31	16.86	51.44	33.85	7.96	8.20	5.7	1.58	100.7
62	7/9/2010 2:46	17.06	51.32	33.77	7.91	8.20	5.3	1.46	100.5
63	7/9/2010 3:01	17.36	50.82	33.40	7.83	8.19	5.1	1.32	99.9
64	7/9/2010 3:16	17.67	51.28	33.74	7.80	8.20	6.0	1.20	100.2
65	7/9/2010 3:31	17.82	51.21	33.69	7.62	8.15	5.1	1.08	98.2
66	7/9/2010 3:46	17.89	51.28	33.75	7.31	7.98	4.3	1.00	94.4
67	7/9/2010 4:01	18.26	51.15	33.65	6.94	8.11	3.8	0.92	90.1
68	7/9/2010 4:16	18.13	49.54	32.47	5.86	7.80	4.0	0.85	75.4
69	7/9/2010 4:31	18.81	51.36	33.81	7.31	8.03	4.0	0.86	95.9
70	7/9/2010 4:46	18.22	51.85	34.17	7.24	8.00	3.7	0.86	94.2
71	7/9/2010 5:01	18.91	51.36	33.81	7.33	8.01	3.1	0.88	96.4
72	7/9/2010 5:16	18.85	51.48	33.90	7.44	8.02	3.1	0.93	97.8
73	7/9/2010 5:31	18.75	51.42	33.85	7.48	8.02	3.1	0.99	98.1
74	7/9/2010 5:46	18.72	51.31	33.77	7.49	8.02	3.2	1.05	98.2
75	7/9/2010 6:01	18.67	51.41	33.85	7.52	8.02	3.2	1.10	98.5
76	7/9/2010 6:16	18.65	51.30	33.77	7.43	8.00	3.8	1.16	97.2
77	7/9/2010 6:31	18.59	51.31	33.77	7.45	8.00	3.2	1.23	97.4
78	7/9/2010 6:46	18.52	51.32	33.78	7.39	8.17	3.5	1.30	96.5
79	7/9/2010 7:01	18.44	51.28	33.75	7.36	8.00	3.6	1.37	96.0
80	7/9/2010 7:16	18.39	51.26	33.73	7.39	7.99	3.6	1.44	96.3
81	7/9/2010 7:31	18.30	51.24	33.72	7.43	8.16	3.6	1.54	96.6
82	7/9/2010 7:46	18.07	50.81	33.40	7.59	7.99	3.7	1.62	98.0
83	7/9/2010 8:01	17.84	50.83	33.41	7.63	8.00	3.5	1.71	98.2
84	7/9/2010 8:16	17.40	51.42	33.85	7.72	8.01	3.7	1.79	98.7
85	7/9/2010 8:31	17.18	51.43	33.85	7.81	8.00	3.8	1.89	99.4
86	7/9/2010 8:46	16.86	51.45	33.86	7.94	8.00	4.0	1.99	100.5
87	7/9/2010 9:01	16.76	51.46	33.86	7.97	8.01	4.7	2.07	100.7
88	7/9/2010 9:16	16.70	51.46	33.86	8.00	8.01	3.5	2.14	100.9
89	7/9/2010 9:31	16.56	51.47	33.87	8.03	8.01	3.8	2.23	101.1
90	7/9/2010 9:46	16.33	51.46	33.86	8.08	8.00	4.0	2.31	101.2
91	7/9/2010 10:01	16.08	51.44	33.84	8.15	8.00	3.7	2.37	101.6
92	7/9/2010 10:16	15.78	51.42	33.82	8.22	8.00	3.8	2.44	101.9
93	7/9/2010 10:31	15.56	51.42	33.82	8.31	7.98	4.1	2.50	102.5
94	7/9/2010 10:46	15.41	51.44	33.83	8.37	7.99	3.0	2.56	103.0
95	7/9/2010 11:01	15.19	51.52	33.88	8.39	7.98	2.4	2.60	102.8
96	7/9/2010 11:16	14.64	51.60	33.92	8.50	7.98	1.7	2.65	103.1
97	7/9/2010 11:31	14.15	51.65	33.94	8.58	7.97	1.3	2.69	103.0
98	7/9/2010 11:46	13.93	51.63	33.93	8.63	7.97	1.0	2.71	103.2
99	7/9/2010 12:01	13.97	51.48	33.81	8.54	7.97	1.5	2.73	102.1
100	7/9/2010 12:16	14.21	51.56	33.88	8.49	7.98	0.7	2.72	102.0
101	7/9/2010 12:31	14.01	51.71	33.99	8.30	7.97	0.9	2.71	99.4
102	7/9/2010 12:46	14.13	51.56	33.88	8.17	7.97	2.0	2.69	98.1
103	7/9/2010 13:01	14.57	51.46	33.82	8.24	7.97	2.1	2.62	99.7
104	7/9/2010 13:16	15.51	51.37	33.78	8.42	8.02	2.4	2.57	103.8
105	7/9/2010 13:31	15.92	51.34	33.77	8.49	8.04	2.4	2.53	105.4

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			
106	7/9/2010 13:46	16.40	51.34	33.78	8.53	8.04	2.2	2.46	106.9
107	7/9/2010 14:01	16.64	51.24	33.70	8.58	8.05	2.4	2.40	108.0
108	7/9/2010 14:16	16.61	51.29	33.74	8.53	8.05	2.0	2.34	107.4
109	7/9/2010 14:31	16.85	51.33	33.77	8.34	8.04	2.6	2.30	105.5
110	7/9/2010 14:46	17.00	51.35	33.79	8.34	8.04	1.6	2.25	105.8
111	7/9/2010 15:01	17.07	50.92	33.48	8.37	8.03	1.8	2.19	106.1
112	7/9/2010 15:16	17.32	51.26	33.72	8.49	8.05	1.5	2.17	108.3
113	7/9/2010 15:31	17.38	50.86	33.43	8.43	8.23	1.3	2.15	107.5
114	7/9/2010 15:46	17.57	50.90	33.46	8.91	8.06	2.0	2.11	114.0
115	7/9/2010 16:01	17.81	51.31	33.76	8.70	8.06	2.3	2.10	112.1
116	7/9/2010 16:16	17.88	50.90	33.46	9.44	7.95	2.0	2.09	121.6
117	7/9/2010 16:31	17.77	51.32	33.77	9.44	8.07	1.6	2.11	121.5
118	7/9/2010 16:46	17.83	51.00	33.54	9.53	8.09	2.3	2.13	122.7
119	7/9/2010 17:01	17.85	51.33	33.78	9.39	8.10	2.6	2.16	121.1
120	7/9/2010 17:16	17.72	50.92	33.48	9.35	7.94	2.4	2.21	120.1
121	7/9/2010 17:31	17.65	51.31	33.76	9.29	8.08	4.3	2.26	119.3
122	7/9/2010 17:46	17.35	50.91	33.47	9.17	7.90	3.2	2.32	116.9
123	7/9/2010 18:01	16.66	51.37	33.80	8.92	8.01	3.3	2.38	112.5
124	7/9/2010 18:16	16.20	51.45	33.85	8.89	8.22	3.5	2.45	111.1
125	7/9/2010 18:31	15.69	51.51	33.89	8.87	8.22	3.4	2.51	109.8
126	7/9/2010 18:46	15.07	51.58	33.92	8.96	8.22	4.0	2.59	109.5
127	7/9/2010 19:01	15.06	51.56	33.91	9.00	7.83	4.6	2.66	110.0
128	7/9/2010 19:16	14.66	51.60	33.93	9.11	8.01	3.7	2.74	110.5
129	7/9/2010 19:31	14.40	51.62	33.94	9.11	8.00	3.8	2.82	109.9
130	7/9/2010 19:46	13.99	51.64	33.93	9.12	8.23	4.7	2.90	109.1
131	7/9/2010 20:01	13.42	51.71	33.97	9.14	8.23	5.0	2.99	108.1
132	7/9/2010 20:16	13.09	51.72	33.96	9.26	7.99	6.7	3.07	108.8
133	7/9/2010 20:31	12.70	51.72	33.94	9.46	7.99	7.8	3.15	110.3
134	7/9/2010 20:46	12.35	51.78	33.97	9.49	7.99	6.3	3.24	109.8
135	7/9/2010 21:01	12.09	51.78	33.96	9.51	7.99	4.8	3.31	109.4
136	7/9/2010 21:16	11.97	51.73	33.92	9.55	8.02	2.4	3.38	109.6
137	7/9/2010 21:31	11.85	51.79	33.95	9.55	8.02	2.1	3.44	109.3
138	7/9/2010 21:46	11.78	51.81	33.96	9.55	7.99	1.3	3.49	109.2
139	7/9/2010 22:01	11.70	51.82	33.97	9.59	8.02	0.7	3.53	109.5
140	7/9/2010 22:16	11.65	51.83	33.97	9.52	8.25	0.2	3.56	108.5
141	7/9/2010 22:31	11.66	51.74	33.91	9.47	8.25	0.2	3.58	108.0
142	7/9/2010 22:46	11.92	51.80	33.97	9.38	8.24	0.6	3.56	107.5
143	7/9/2010 23:01	11.72	51.84	33.99	9.38	8.24	0.2	3.54	107.1
144	7/9/2010 23:16	11.81	51.77	33.94	9.13	8.22	0.1	3.50	104.4
145	7/9/2010 23:31	12.43	51.60	33.85	9.05	8.23	1.3	3.42	104.8
146	7/9/2010 23:46	12.86	51.76	33.98	9.06	7.99	2.3	3.34	106.0
147	7/10/2010 0:01	13.10	51.71	33.95	8.92	8.23	1.8	3.25	104.9
148	7/10/2010 0:16	13.71	51.61	33.90	8.80	8.23	2.1	3.15	104.7
149	7/10/2010 0:31	13.70	51.67	33.95	8.91	7.99	2.6	3.03	106.0
150	7/10/2010 0:46	13.74	51.66	33.94	9.00	8.00	3.0	2.91	107.2
151	7/10/2010 1:01	13.99	51.61	33.91	8.92	8.03	2.8	2.80	106.7
152	7/10/2010 1:16	14.40	51.58	33.90	8.79	8.03	2.7	2.67	106.0
153	7/10/2010 1:31	14.57	51.64	33.95	8.63	8.21	2.6	2.54	104.5
154	7/10/2010 1:46	14.74	51.64	33.96	8.50	8.21	3.0	2.41	103.3
155	7/10/2010 2:01	15.80	51.47	33.86	8.48	8.03	5.2	2.29	105.2
156	7/10/2010 2:16	15.05	51.57	33.91	8.48	7.98	3.9	2.16	103.7
157	7/10/2010 2:31	15.98	51.45	33.84	8.30	8.21	5.2	2.01	103.3
158	7/10/2010 2:46	15.59	51.53	33.90	8.26	8.20	5.4	1.86	102.1

sonde #3		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth	
			mS/cm	Salinity ppt	mg/L	pH		meters	DO%
159	7/10/2010 3:01	15.95	51.49	33.87	8.18	8.00	6.2	1.72	101.7
160	7/10/2010 3:16	16.30	51.49	33.88	8.06	8.19	5.6	1.59	100.9
161	7/10/2010 3:31	16.68	51.40	33.82	7.91	8.19	5.2	1.42	99.7
162	7/10/2010 3:46	16.99	51.40	33.83	7.89	8.19	5.2	1.27	100.2
163	7/10/2010 4:01	17.20	51.45	33.86	7.81	8.19	5.5	1.13	99.5
164	7/10/2010 4:16	17.52	51.32	33.77	7.69	8.19	5.1	1.00	98.5
165	7/10/2010 4:31	17.83	51.33	33.78	7.65	8.18	4.8	0.87	98.6
166	7/10/2010 4:46	18.02	49.92	32.75	6.57	7.91	4.9	0.77	84.5
167	7/10/2010 5:01	18.14	50.60	33.25	7.00	8.11	5.8	0.70	90.4
168	7/10/2010 5:16	18.47	50.75	33.36	7.40	8.01	7.3	0.67	96.4
169	7/10/2010 5:31	18.53	51.12	33.63	7.34	8.00	5.2	0.68	95.8
170	7/10/2010 5:46	18.78	51.31	33.77	7.32	8.01	3.8	0.71	96.0
171	7/10/2010 6:01	18.73	51.39	33.83	7.45	8.01	3.5	0.78	97.7
172	7/10/2010 6:16	18.61	51.32	33.78	7.48	8.01	4.5	0.86	97.8
173	7/10/2010 6:31	18.57	51.33	33.79	7.51	7.99	4.3	0.92	98.2
174	7/10/2010 6:46	18.48	51.35	33.80	7.47	8.01	4.3	0.99	97.5
175	7/10/2010 7:01	18.44	51.19	33.68	7.39	7.98	6.2	1.06	96.3
176	7/10/2010 7:16	18.36	51.28	33.75	7.41	7.99	3.7	1.12	96.5
177	7/10/2010 7:31	18.27	51.31	33.77	7.40	8.16	4.8	1.20	96.2
178	7/10/2010 7:46	18.18	51.22	33.70	7.41	7.98	4.8	1.28	96.2
179	7/10/2010 8:01	18.14	51.16	33.66	7.38	8.15	5.3	1.37	95.6
180	7/10/2010 8:16	18.04	51.18	33.67	7.43	8.16	5.6	1.46	96.1
181	7/10/2010 8:31	17.87	51.18	33.67	7.54	7.99	5.1	1.55	97.2
182	7/10/2010 8:46	17.64	51.29	33.75	7.62	8.17	4.7	1.66	97.9
183	7/10/2010 9:01	17.26	51.38	33.82	7.80	8.00	5.3	1.77	99.5
184	7/10/2010 9:16	17.07	51.42	33.84	7.88	8.18	5.3	1.86	100.1
185	7/10/2010 9:31	16.89	51.47	33.87	7.97	8.19	5.2	1.97	100.9
186	7/10/2010 9:46	16.78	51.46	33.86	8.03	8.00	5.1	2.07	101.5
187	7/10/2010 10:01	16.60	51.46	33.87	8.07	8.00	4.9	2.15	101.6
188	7/10/2010 10:16	16.35	51.45	33.85	8.16	8.20	5.6	2.25	102.3
189	7/10/2010 10:31	16.10	51.47	33.87	8.19	8.19	5.7	2.33	102.1
190	7/10/2010 10:46	15.70	51.46	33.85	8.34	7.81	7.0	2.42	103.2
191	7/10/2010 11:01	15.41	51.46	33.84	8.44	7.98	7.4	2.49	103.9
192	7/10/2010 11:16	15.16	51.54	33.90	8.48	8.20	7.7	2.56	103.8
193	7/10/2010 11:31	14.58	51.55	33.89	8.59	8.20	6.6	2.63	104.0
194	7/10/2010 11:46	14.10	51.59	33.90	8.72	8.20	6.3	2.69	104.6
195	7/10/2010 12:01	13.79	51.64	33.93	8.83	8.20	4.8	2.74	105.3
196	7/10/2010 12:16	13.56	51.66	33.94	8.88	7.76	2.3	2.78	105.3
197	7/10/2010 12:31	13.47	51.67	33.94	8.88	8.21	2.1	2.82	105.2
198	7/10/2010 12:46	13.42	51.64	33.91	8.87	8.21	1.3	2.85	104.9
199	7/10/2010 13:01	13.70	51.75	34.00	8.84	8.21	1.2	2.83	105.2
200	7/10/2010 13:16	13.63	51.70	33.97	8.41	8.19	1.6	2.83	99.9
201	7/10/2010 13:31	13.60	51.65	33.93	8.26	8.19	1.0	2.80	98.1
202	7/10/2010 13:46	13.92	51.44	33.79	8.37	7.95	2.8	2.74	99.9
203	7/10/2010 14:01	14.80	51.55	33.89	9.00	8.23	3.4	2.67	109.4
204	7/10/2010 14:16	15.33	51.22	33.66	8.84	8.23	3.1	2.60	108.5
205	7/10/2010 14:31	16.10	51.44	33.84	9.09	8.24	2.8	2.54	113.4
206	7/10/2010 14:46	16.40	51.35	33.78	9.05	8.07	3.0	2.46	113.5
207	7/10/2010 15:01	16.65	51.41	33.83	9.52	8.27	3.0	2.39	120.0
208	7/10/2010 15:16	16.88	51.37	33.80	9.47	8.27	2.7	2.33	119.9
209	7/10/2010 15:31	17.01	51.38	33.81	9.30	8.27	3.1	2.26	118.0
210	7/10/2010 15:46	17.25	51.37	33.81	9.31	8.27	2.9	2.21	118.8
211	7/10/2010 16:01	17.49	51.34	33.78	9.45	8.27	3.2	2.16	121.1

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	7/10/2010 16:16	17.76	51.33	33.78	9.58	8.28	2.9	2.12	123.3
213	7/10/2010 16:31	17.90	51.34	33.79	9.46	8.10	2.5	2.08	122.1
214	7/10/2010 16:46	18.16	51.39	33.83	9.67	8.28	3.2	2.06	125.4
215	7/10/2010 17:01	18.31	51.30	33.76	9.42	8.27	5.0	2.05	122.5
216	7/10/2010 17:16	18.33	51.36	33.81	9.25	8.26	2.0	2.04	120.4
217	7/10/2010 17:31	18.26	51.39	33.83	9.95	8.29	2.1	2.07	129.3
218	7/10/2010 17:46	17.96	51.44	33.86	9.75	8.28	2.1	2.09	126.1
219	7/10/2010 18:01	18.00	51.42	33.85	9.66	8.27	2.4	2.12	125.0
220	7/10/2010 18:16	17.90	51.44	33.86	9.52	8.26	3.4	2.18	122.9
221	7/10/2010 18:31	17.73	51.43	33.85	9.42	8.26	3.7	2.23	121.2
222	7/10/2010 18:46	17.89	51.40	33.84	9.28	8.24	5.1	2.31	119.8
223	7/10/2010 19:01	17.23	51.44	33.86	9.31	8.25	4.9	2.38	118.7
224	7/10/2010 19:16	16.57	51.49	33.88	9.24	8.23	5.2	2.45	116.4
225	7/10/2010 19:31	15.98	51.45	33.85	9.10	8.22	4.8	2.53	113.3
226	7/10/2010 19:46	15.63	51.61	33.96	9.15	8.00	6.3	2.61	113.2
227	7/10/2010 20:01	14.72	51.59	33.92	9.05	8.21	5.8	2.69	109.9
228	7/10/2010 20:16	14.60	51.48	33.84	9.06	7.98	5.4	2.79	109.7
229	7/10/2010 20:31	14.24	51.59	33.91	9.07	7.97	6.7	2.87	109.0
230	7/10/2010 20:46	13.61	51.63	33.92	9.10	8.20	8.1	2.97	108.1
231	7/10/2010 21:01	13.25	51.60	33.88	9.18	7.75	8.1	3.06	108.1
232	7/10/2010 21:16	12.81	51.62	33.88	9.43	7.97	10.7	3.16	110.1
233	7/10/2010 21:31	12.61	51.59	33.84	9.52	8.22	9.5	3.25	110.7
234	7/10/2010 21:46	12.40	51.59	33.84	9.73	8.01	8.5	3.34	112.6
235	7/10/2010 22:01	12.19	51.63	33.85	9.79	8.23	7.3	3.43	112.8
236	7/10/2010 22:16	12.06	51.64	33.86	9.84	8.23	5.7	3.50	113.1
237	7/10/2010 22:31	11.95	51.66	33.86	9.89	8.24	3.9	3.57	113.4
238	7/10/2010 22:46	11.88	51.63	33.84	9.96	8.24	3.2	3.62	114.0
239	7/10/2010 23:01	11.84	51.63	33.83	9.88	8.24	1.0	3.66	113.1
240	7/10/2010 23:16	11.78	51.71	33.89	9.82	8.24	0.7	3.69	112.2
241	7/10/2010 23:31	12.33	51.40	33.70	9.55	8.23	1.1	3.68	110.3
242	7/10/2010 23:46	12.10	51.74	33.93	9.44	8.22	0.2	3.66	108.6
243	7/11/2010 0:01	12.60	51.57	33.83	9.19	8.21	1.4	3.63	106.8
244	7/11/2010 0:16	12.63	51.63	33.87	9.14	8.21	1.7	3.55	106.3
245	7/11/2010 0:31	12.87	51.60	33.86	9.03	8.20	3.2	3.46	105.6
246	7/11/2010 0:46	12.30	51.66	33.88	9.30	8.21	1.9	3.36	107.5
247	7/11/2010 1:01	13.54	51.49	33.81	8.92	8.20	2.3	3.24	105.7
248	7/11/2010 1:16	13.70	51.50	33.83	9.04	8.22	2.3	3.13	107.4
249	7/11/2010 1:31	13.69	51.51	33.83	9.07	8.22	3.4	3.00	107.8
250	7/11/2010 1:46	14.06	51.38	33.75	8.93	8.22	3.6	2.87	106.8
251	7/11/2010 2:01	14.57	51.39	33.77	8.80	8.21	3.3	2.75	106.4
252	7/11/2010 2:16	14.52	51.51	33.86	8.74	8.21	3.1	2.62	105.6
253	7/11/2010 2:31	15.40	51.44	33.82	8.49	8.20	4.0	2.47	104.4
254	7/11/2010 2:46	15.08	51.48	33.85	8.44	8.19	4.5	2.33	103.2
255	7/11/2010 3:01	14.78	51.50	33.86	8.55	8.20	3.8	2.18	103.8
256	7/11/2010 3:16	15.71	51.37	33.79	8.45	8.20	4.8	2.03	104.5
257	7/11/2010 3:31	15.62	51.44	33.83	8.32	8.19	5.4	1.87	102.8
258	7/11/2010 3:46	15.94	51.39	33.80	8.17	8.18	5.2	1.73	101.6
259	7/11/2010 4:01	16.53	51.32	33.76	8.04	8.18	6.3	1.57	101.1
260	7/11/2010 4:16	16.99	51.31	33.76	7.91	8.18	5.5	1.41	100.2
261	7/11/2010 4:31	17.20	51.36	33.80	7.79	8.17	6.2	1.23	99.3
262	7/11/2010 4:46	17.30	51.31	33.76	7.59	7.83	5.4	1.08	96.8
263	7/11/2010 5:01	17.45	51.27	33.73	7.57	7.99	5.1	0.93	96.9
264	7/11/2010 5:16	17.71	51.27	33.74	7.42	8.16	4.5	0.79	95.4

sonde #3		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth	
			mS/cm	Salinity ppt	mg/L	pH		meters	DO%
265	7/11/2010 5:31	18.06	51.19	33.68	7.40	7.83	4.3	0.67	95.7
266	7/11/2010 5:46	17.78	49.27	32.27	6.27	8.05	3.8	0.57	80.0
267	7/11/2010 6:01	17.72	50.05	32.84	6.79	8.06	4.5	0.54	86.8
268	7/11/2010 6:16	18.64	51.01	33.55	7.15	7.83	4.6	0.53	93.4
269	7/11/2010 6:31	19.15	51.36	33.81	7.18	7.99	4.5	0.60	94.9
270	7/11/2010 6:46	19.04	51.39	33.83	7.28	8.01	4.2	0.68	96.0
271	7/11/2010 7:01	18.98	51.32	33.78	7.34	8.01	4.6	0.77	96.7
272	7/11/2010 7:16	18.93	51.30	33.76	7.30	8.00	4.4	0.86	96.1
273	7/11/2010 7:31	18.88	51.34	33.80	7.33	7.99	4.7	0.93	96.4
274	7/11/2010 7:46	18.82	51.14	33.65	7.15	8.13	6.5	1.01	93.9
275	7/11/2010 8:01	18.78	51.07	33.59	7.12	8.12	6.5	1.07	93.4
276	7/11/2010 8:16	18.56	51.20	33.69	7.16	7.96	5.0	1.14	93.6
277	7/11/2010 8:31	18.47	51.17	33.67	7.29	8.13	6.2	1.24	95.0
278	7/11/2010 8:46	18.34	51.17	33.67	7.40	7.81	6.2	1.34	96.3
279	7/11/2010 9:01	18.09	51.24	33.72	7.51	8.15	5.4	1.43	97.2
280	7/11/2010 9:16	17.75	51.33	33.78	7.65	7.82	5.5	1.53	98.4
281	7/11/2010 9:31	17.60	51.31	33.76	7.72	7.81	6.2	1.66	99.0
282	7/11/2010 9:46	17.35	51.35	33.79	7.85	8.17	7.4	1.78	100.3
283	7/11/2010 10:01	17.25	51.35	33.79	7.91	7.92	6.9	1.88	100.9
284	7/11/2010 10:16	17.11	51.37	33.80	7.98	8.17	6.7	2.00	101.5
285	7/11/2010 10:31	17.01	51.33	33.78	8.03	8.18	7.2	2.12	102.0
286	7/11/2010 10:46	16.71	51.38	33.80	8.13	8.18	7.7	2.21	102.6
287	7/11/2010 11:01	16.44	51.32	33.76	8.19	8.18	9.0	2.31	102.7
288	7/11/2010 11:16	15.99	51.36	33.78	8.31	7.97	10.6	2.40	103.4
289	7/11/2010 11:31	15.64	51.36	33.77	8.41	7.79	10.3	2.49	103.9
290	7/11/2010 11:46	15.06	51.41	33.80	8.47	8.18	11.5	2.57	103.4
291	7/11/2010 12:01	14.27	51.47	33.82	8.66	8.18	10.4	2.65	104.2
292	7/11/2010 12:16	13.92	51.45	33.79	8.77	8.19	9.4	2.72	104.7
293	7/11/2010 12:31	13.74	51.47	33.80	8.84	8.19	9.2	2.79	105.1
294	7/11/2010 12:46	13.54	51.48	33.80	8.89	8.20	6.7	2.85	105.4
295	7/11/2010 13:01	13.46	51.50	33.81	8.92	8.20	3.4	2.90	105.5
296	7/11/2010 13:16	13.33	51.54	33.84	8.95	8.20	2.5	2.94	105.6
297	7/11/2010 13:31	13.47	51.41	33.75	8.81	8.19	10.6	2.95	104.2
298	7/11/2010 13:46	13.57	51.51	33.82	8.84	7.75	2.1	2.96	104.8
299	7/11/2010 14:01	13.47	51.56	33.86	8.70	8.19	1.8	2.95	102.9
300	7/11/2010 14:16	13.43	51.55	33.85	8.57	8.18	2.6	2.90	101.4
301	7/11/2010 14:31	13.74	51.43	33.77	8.64	7.75	5.8	2.83	102.8
302	7/11/2010 14:46	14.44	51.23	33.65	9.01	8.22	4.5	2.77	108.6
303	7/11/2010 15:01	15.15	51.20	33.65	9.10	8.23	5.1	2.69	111.3
304	7/11/2010 15:16	16.02	51.38	33.80	9.21	8.25	5.0	2.60	114.7
305	7/11/2010 15:31	16.31	51.35	33.78	9.62	8.28	4.5	2.51	120.4
306	7/11/2010 15:46	16.65	51.37	33.80	9.49	8.25	4.9	2.43	119.6
307	7/11/2010 16:01	17.00	51.22	33.69	9.35	8.25	4.8	2.36	118.6
308	7/11/2010 16:16	17.32	51.26	33.73	9.47	8.26	4.2	2.29	120.8
309	7/11/2010 16:31	17.58	51.02	33.55	9.41	8.26	4.6	2.22	120.5
310	7/11/2010 16:46	17.74	51.27	33.74	9.58	8.18	4.7	2.16	123.2
311	7/11/2010 17:01	18.02	51.24	33.72	9.39	8.18	4.5	2.11	121.4
312	7/11/2010 17:16	18.22	51.16	33.66	9.23	7.94	4.3	2.06	119.8
313	7/11/2010 17:31	18.40	51.30	33.77	9.20	7.94	3.5	2.03	119.9
314	7/11/2010 17:46	18.46	51.22	33.70	9.29	8.17	3.2	2.02	121.1
315	7/11/2010 18:01	18.53	51.33	33.79	9.29	8.11	4.3	2.00	121.3
316	7/11/2010 18:16	18.54	51.35	33.80	9.52	8.18	2.9	1.99	124.4
317	7/11/2010 18:31	18.27	51.40	33.84	9.57	8.18	2.9	2.03	124.5

sonde #3		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth	
			mS/cm	Salinity ppt	mg/L	pH		meters	DO%
318	7/11/2010 18:46	18.16	51.36	33.80	9.46	8.17	4.0	2.05	122.7
319	7/11/2010 19:01	18.06	51.37	33.81	9.47	8.17	4.5	2.11	122.6
320	7/11/2010 19:16	17.84	51.36	33.81	9.29	7.91	4.5	2.17	119.8
321	7/11/2010 19:31	17.77	51.34	33.79	9.22	8.14	6.7	2.23	118.7
322	7/11/2010 19:46	17.48	51.35	33.79	9.26	8.14	6.7	2.31	118.6
323	7/11/2010 20:01	17.23	51.38	33.81	9.28	8.14	5.4	2.39	118.3
324	7/11/2010 20:16	16.66	51.38	33.81	9.28	8.13	6.0	2.48	117.0
325	7/11/2010 20:31	15.99	51.41	33.81	9.16	8.21	7.9	2.56	113.9
326	7/11/2010 20:46	15.39	51.43	33.82	9.03	8.20	5.6	2.64	111.0
327	7/11/2010 21:01	15.03	51.45	33.82	9.07	8.20	7.1	2.74	110.7
328	7/11/2010 21:16	14.45	51.47	33.82	9.13	7.78	9.0	2.84	110.2
329	7/11/2010 21:31	13.80	51.46	33.80	9.09	7.96	8.8	2.94	108.2
330	7/11/2010 21:46	13.34	51.51	33.81	9.21	8.20	10.3	3.05	108.6
331	7/11/2010 22:01	12.76	51.54	33.82	9.28	7.74	10.9	3.15	108.2
332	7/11/2010 22:16	12.42	51.55	33.81	9.51	7.75	10.3	3.25	110.1
333	7/11/2010 22:31	12.15	51.58	33.81	9.56	8.22	8.0	3.35	110.1
334	7/11/2010 22:46	12.04	51.54	33.78	9.59	7.75	6.1	3.44	110.2
335	7/11/2010 23:01	11.96	51.54	33.77	9.63	7.98	4.2	3.53	110.4
336	7/11/2010 23:16	11.93	51.58	33.80	9.62	7.75	3.2	3.60	110.2
337	7/11/2010 23:31	11.91	51.55	33.78	9.56	8.23	1.5	3.66	109.5
338	7/11/2010 23:46	11.91	51.57	33.80	9.52	8.23	1.7	3.71	109.0
339	7/12/2010 0:01	11.96	51.56	33.79	9.44	7.97	8.5	3.74	108.2
340	7/12/2010 0:16	12.40	51.56	33.81	9.29	7.97	2.9	3.76	107.5
341	7/12/2010 0:31	12.19	51.63	33.85	9.11	7.96	0.5	3.74	104.9
342	7/12/2010 0:46	12.89	51.42	33.73	8.85	8.20	3.4	3.71	103.5
343	7/12/2010 1:01	12.49	51.50	33.77	9.01	8.21	1.8	3.65	104.4
344	7/12/2010 1:16	12.15	51.55	33.79	9.15	8.20	3.5	3.57	105.3
345	7/12/2010 1:31	12.09	51.67	33.88	9.15	7.95	2.4	3.46	105.3
346	7/12/2010 1:46	13.10	51.50	33.80	8.83	7.95	2.8	3.35	103.7
347	7/12/2010 2:01	13.31	51.54	33.84	8.91	7.97	3.7	3.22	105.1
348	7/12/2010 2:16	13.31	51.33	33.68	9.07	8.22	4.5	3.10	106.9
349	7/12/2010 2:31	13.46	51.50	33.82	9.02	8.21	4.3	2.97	106.6
350	7/12/2010 2:46	13.94	51.49	33.82	8.87	8.21	4.0	2.84	106.0
351	7/12/2010 3:01	14.82	51.52	33.87	8.67	8.21	6.4	2.68	105.5
352	7/12/2010 3:16	15.39	51.47	33.85	8.55	7.99	7.4	2.55	105.2
353	7/12/2010 3:31	14.90	51.52	33.87	8.47	7.96	4.3	2.40	103.2
354	7/12/2010 3:46	14.77	51.54	33.88	8.53	8.19	6.4	2.24	103.7
355	7/12/2010 4:01	15.57	51.28	33.71	8.35	8.19	7.4	2.10	102.9
356	7/12/2010 4:16	15.18	51.34	33.75	8.28	8.17	5.3	1.93	101.4
357	7/12/2010 4:31	15.83	51.40	33.80	8.16	8.18	6.5	1.78	101.2
358	7/12/2010 4:46	16.18	51.35	33.78	8.01	8.00	7.0	1.62	100.1
359	7/12/2010 5:01	16.72	51.32	33.76	7.88	8.00	8.5	1.45	99.5
360	7/12/2010 5:16	16.98	51.34	33.78	7.78	8.17	7.8	1.27	98.6
361	7/12/2010 5:31	17.30	51.30	33.76	7.74	8.09	7.7	1.11	98.8
362	7/12/2010 5:46	17.61	51.47	33.88	7.65	7.93	7.1	0.96	98.3
363	7/12/2010 6:01	17.89	51.39	33.83	7.51	7.92	8.2	0.81	97.0
364	7/12/2010 6:16	18.03	51.38	33.82	7.39	8.07	7.9	0.68	95.6
365	7/12/2010 6:31	18.20	51.38	33.82	7.34	8.06	14.3	0.56	95.3
366	7/12/2010 6:46	18.61	51.54	33.94	7.24	8.06	11.6	0.51	94.8
367	7/12/2010 7:01	18.70	51.36	33.81	7.12	8.05	7.1	0.51	93.3
368	7/12/2010 7:16	18.79	51.55	33.95	7.13	8.05	5.4	0.53	93.7
369	7/12/2010 7:31	18.75	51.57	33.96	7.26	8.06	5.4	0.63	95.3
370	7/12/2010 7:46	18.77	51.53	33.94	7.28	8.07	5.9	0.74	95.6

sonde #3		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth	
			mS/cm	Salinity ppt	mg/L	pH		meters	DO%
371	7/12/2010 8:01	18.74	51.54	33.94	7.33	8.07	5.2	0.84	96.2
372	7/12/2010 8:16	18.63	51.53	33.93	7.33	8.07	4.5	0.92	96.1
373	7/12/2010 8:31	18.66	51.26	33.73	7.07	8.03	7.2	1.01	92.6
374	7/12/2010 8:46	18.52	51.44	33.86	7.27	7.90	6.3	1.39	95.0
375	7/12/2010 9:01	18.43	51.38	33.82	7.20	8.05	6.6	1.48	93.9
376	7/12/2010 9:16	18.36	51.32	33.78	7.21	8.05	6.3	1.58	93.9
377	7/12/2010 9:31	18.19	51.26	33.73	7.35	7.81	6.1	1.67	95.3
378	7/12/2010 9:46	17.94	51.45	33.87	7.45	8.00	5.8	1.80	96.3
379	7/12/2010 10:01	17.56	51.46	33.88	7.60	7.90	7.6	1.90	97.5
380	7/12/2010 10:16	17.39	51.53	33.92	7.68	7.90	7.1	2.02	98.3
381	7/12/2010 10:31	17.26	51.52	33.91	7.73	7.80	8.3	2.14	98.6
382	7/12/2010 10:46	17.15	51.55	33.94	7.78	8.08	8.6	2.25	99.1
383	7/12/2010 11:01	16.99	51.59	33.97	7.86	7.90	9.0	2.38	99.8
384	7/12/2010 11:16	16.76	51.57	33.95	7.96	7.90	8.4	2.48	100.7
385	7/12/2010 11:31	16.49	51.56	33.94	8.03	7.90	10.4	2.59	100.9
386	7/12/2010 11:46	16.13	51.51	33.89	8.13	8.09	14.3	2.70	101.4
387	7/12/2010 12:01	15.66	51.59	33.94	8.31	8.17	14.6	2.80	102.8
388	7/12/2010 12:16	15.07	51.56	33.90	8.43	7.77	14.5	2.88	103.0
389	7/12/2010 12:31	14.48	51.57	33.90	8.58	7.95	13.1	2.97	103.7
390	7/12/2010 12:46	14.08	51.63	33.93	8.71	8.18	13.6	3.06	104.4
391	7/12/2010 13:01	13.83	51.63	33.92	8.80	8.19	14.8	3.13	104.9
392	7/12/2010 13:16	13.67	51.61	33.90	8.87	7.76	12.0	3.21	105.4
393	7/12/2010 13:31	13.60	51.60	33.89	8.89	7.76	9.2	3.27	105.5
394	7/12/2010 13:46	13.53	51.60	33.89	8.96	7.76	6.0	3.33	106.2
395	7/12/2010 14:01	13.45	51.52	33.82	9.02	8.20	5.4	3.37	106.7
396	7/12/2010 14:16	13.96	51.55	33.87	9.07	8.21	4.5	3.37	108.4
397	7/12/2010 14:31	13.75	51.58	33.89	8.82	8.19	4.6	3.37	105.0
398	7/12/2010 14:46	13.71	51.58	33.88	8.85	7.76	6.1	3.34	105.2
399	7/12/2010 15:01	13.62	51.59	33.89	8.89	8.19	4.9	3.28	105.5
400	7/12/2010 15:16	14.01	51.52	33.85	8.91	8.20	7.0	3.19	106.6
401	7/12/2010 15:31	14.80	51.55	33.89	9.23	8.22	10.7	3.10	112.2
402	7/12/2010 15:46	15.36	51.56	33.92	9.39	8.01	11.8	3.02	115.5
403	7/12/2010 16:01	15.47	51.55	33.91	9.18	7.83	11.5	2.92	113.1
404	7/12/2010 16:16	16.03	51.55	33.92	9.19	8.02	9.2	2.82	114.5
405	7/12/2010 16:31	16.38	51.53	33.91	9.14	7.96	9.5	2.74	114.6
406	7/12/2010 16:46	16.93	51.54	33.93	9.32	7.99	9.8	2.67	118.1
407	7/12/2010 17:01	17.07	51.53	33.92	10.06	8.04	6.4	2.58	128.0
408	7/12/2010 17:16	17.29	51.57	33.95	10.27	8.22	5.0	2.50	131.2
409	7/12/2010 17:31	17.42	51.49	33.89	10.21	8.05	5.0	2.43	130.7
410	7/12/2010 17:46	17.62	51.49	33.90	10.22	7.95	4.2	2.36	131.3
411	7/12/2010 18:01	17.96	51.57	33.96	10.02	8.20	4.0	2.28	129.6
412	7/12/2010 18:16	17.97	51.55	33.95	9.82	8.20	4.2	2.23	127.0
413	7/12/2010 18:31	18.38	51.59	33.98	9.70	7.94	3.4	2.20	126.5
414	7/12/2010 18:46	18.52	51.57	33.96	9.55	8.02	3.3	2.17	124.9
415	7/12/2010 19:01	18.64	51.49	33.90	9.44	7.94	2.8	2.16	123.6
416	7/12/2010 19:16	18.64	51.50	33.91	9.60	7.94	2.9	2.18	125.7
417	7/12/2010 19:31	18.56	51.55	33.95	9.55	8.18	3.2	2.21	124.9
418	7/12/2010 19:46	18.46	51.53	33.93	9.36	8.00	3.5	2.25	122.3
419	7/12/2010 20:01	18.53	51.55	33.95	9.11	8.15	3.7	2.30	119.1
420	7/12/2010 20:16	18.33	51.55	33.95	9.05	8.14	5.1	2.40	117.8
421	7/12/2010 20:31	18.67	51.46	33.88	8.99	7.98	8.7	2.48	117.8
422	7/12/2010 20:46	17.89	51.55	33.95	9.14	8.14	7.4	2.55	118.1
423	7/12/2010 21:01	17.57	51.56	33.95	9.16	7.97	6.0	2.65	117.6

sonde #3		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth	
			mS/cm	Salinity ppt	mg/L	pH		meters	DO%
424	7/12/2010 21:16	16.84	51.47	33.87	9.08	7.84	7.2	2.74	114.9
425	7/12/2010 21:31	16.07	51.58	33.94	8.94	7.81	7.1	2.83	111.5
426	7/12/2010 21:46	15.72	51.54	33.90	8.91	7.92	6.8	2.92	110.4
427	7/12/2010 22:01	15.54	51.59	33.94	8.89	8.19	7.1	3.02	109.7
428	7/12/2010 22:16	15.16	51.56	33.91	8.98	8.04	9.6	3.12	110.0
429	7/12/2010 22:31	14.76	51.53	33.88	9.00	7.79	10.4	3.22	109.3
430	7/12/2010 22:46	14.22	51.58	33.90	9.20	8.21	12.3	3.33	110.6
431	7/12/2010 23:01	13.73	51.59	33.89	9.27	7.78	13.2	3.43	110.4
432	7/12/2010 23:16	13.23	51.56	33.85	9.51	8.22	12.5	3.54	112.0
433	7/12/2010 23:31	12.96	51.58	33.85	9.59	8.22	11.0	3.63	112.3
434	7/12/2010 23:46	12.78	51.59	33.85	9.69	7.78	8.2	3.73	113.0
435	7/13/2010 0:01	12.65	51.53	33.80	9.78	8.23	5.7	3.82	113.7
436	7/13/2010 0:16	12.64	51.58	33.84	9.70	8.23	5.0	3.88	112.8
437	7/13/2010 0:31	12.54	51.61	33.85	9.60	8.23	4.5	3.95	111.5
438	7/13/2010 0:46	12.45	51.59	33.83	9.51	8.22	3.1	4.00	110.2
439	7/13/2010 1:01	12.34	51.60	33.84	9.39	8.22	2.1	4.03	108.6
440	7/13/2010 1:16	12.99	51.51	33.80	9.26	8.22	2.3	4.03	108.5
441	7/13/2010 1:31	12.74	51.63	33.88	9.18	8.21	2.5	4.01	107.1
442	7/13/2010 1:46	12.95	51.69	33.93	9.13	8.21	3.1	3.97	106.9
443	7/13/2010 2:01	12.84	51.58	33.85	9.22	8.21	3.6	3.89	107.7
444	7/13/2010 2:16	12.81	51.57	33.84	9.25	8.21	4.6	3.79	108.0
445	7/13/2010 2:31	12.63	51.60	33.85	9.29	7.76	3.1	3.68	108.0
446	7/13/2010 2:46	13.87	51.55	33.86	8.94	7.98	5.2	3.56	106.7
447	7/13/2010 3:01	13.68	51.56	33.87	9.17	8.21	4.9	3.44	109.0
448	7/13/2010 3:16	13.44	51.61	33.89	9.28	7.78	4.2	3.30	109.8
449	7/13/2010 3:31	13.82	51.60	33.90	9.14	8.21	4.6	3.18	109.0
450	7/13/2010 3:46	14.46	51.59	33.91	8.80	7.78	4.5	3.03	106.3
451	7/13/2010 4:01	15.22	51.68	34.00	8.57	7.79	7.2	2.89	105.2
452	7/13/2010 4:16	15.31	51.56	33.92	8.44	7.89	5.7	2.75	103.7
453	7/13/2010 4:31	15.08	51.64	33.97	8.45	7.89	6.9	2.59	103.3
454	7/13/2010 4:46	14.85	51.53	33.88	8.50	7.88	6.4	2.44	103.5
455	7/13/2010 5:01	15.59	51.61	33.95	8.18	7.90	5.6	2.28	101.1
456	7/13/2010 5:16	15.79	51.54	33.91	8.21	7.88	10.4	2.12	101.9
457	7/13/2010 5:31	16.10	51.55	33.92	8.01	7.89	7.9	1.95	100.0
458	7/13/2010 5:46	16.53	51.55	33.93	7.90	7.90	9.4	1.80	99.5
459	7/13/2010 6:01	16.65	51.60	33.97	7.84	7.95	8.5	1.63	98.9
460	7/13/2010 6:16	16.83	51.53	33.92	7.80	7.89	9.2	1.47	98.8
461	7/13/2010 6:31	17.19	51.53	33.93	7.76	8.08	10.3	1.30	98.9
462	7/13/2010 6:46	17.39	51.64	34.01	7.69	8.01	10.4	1.15	98.4
463	7/13/2010 7:01	17.62	51.62	33.99	7.58	8.01	10.3	1.02	97.4
464	7/13/2010 7:16	17.73	51.57	33.96	7.47	7.80	11.7	0.91	96.2
465	7/13/2010 7:31	17.93	51.62	34.00	7.46	7.81	9.5	0.84	96.4
466	7/13/2010 7:46	17.95	51.67	34.03	7.42	8.06	7.0	0.85	96.1
467	7/13/2010 8:01	18.29	51.71	34.07	7.34	7.90	6.3	0.91	95.5
468	7/13/2010 8:16	18.33	51.50	33.91	7.37	7.90	6.3	0.97	96.0
469	7/13/2010 8:31	18.43	51.66	34.03	7.32	8.01	8.6	1.08	95.6
470	7/13/2010 8:46	18.40	51.67	34.03	7.36	7.90	7.0	1.18	96.0
471	7/13/2010 9:01	18.33	51.56	33.96	7.35	7.89	11.2	1.27	95.7
472	7/13/2010 9:16	18.35	51.28	33.75	7.11	7.97	10.7	1.36	92.5
473	7/13/2010 9:31	18.25	51.43	33.86	7.16	8.04	8.0	1.44	93.0
474	7/13/2010 9:46	18.15	51.40	33.84	7.16	7.87	7.6	1.53	92.8
475	7/13/2010 10:01	17.91	51.39	33.83	7.34	8.05	7.9	1.64	94.8
476	7/13/2010 10:16	17.77	51.51	33.92	7.41	7.92	6.8	1.75	95.5

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			
477	7/13/2010 10:31	17.62	51.43	33.86	7.48	7.88	5.9	1.85	96.1
478	7/13/2010 10:46	17.23	51.56	33.95	7.67	8.00	7.9	1.98	97.8
479	7/13/2010 11:01	17.06	51.59	33.96	7.77	7.89	7.7	2.10	98.8
480	7/13/2010 11:16	17.00	51.56	33.94	7.81	8.01	7.8	2.22	99.1
481	7/13/2010 11:31	16.96	51.62	33.99	7.85	7.94	8.5	2.34	99.7
482	7/13/2010 11:46	16.79	51.57	33.95	7.97	8.02	8.9	2.47	100.8
483	7/13/2010 12:01	16.51	51.51	33.90	8.03	7.90	10.1	2.58	101.0
484	7/13/2010 12:16	16.32	51.52	33.90	8.08	7.94	10.5	2.69	101.3
485	7/13/2010 12:31	15.83	51.46	33.85	8.26	7.94	14.9	2.80	102.5
486	7/13/2010 12:46	15.28	51.53	33.89	8.39	7.98	14.1	2.89	103.0
487	7/13/2010 13:01	14.66	51.51	33.86	8.57	8.02	14.5	2.99	103.8
488	7/13/2010 13:16	14.29	51.47	33.82	8.72	7.95	16.7	3.08	104.9
489	7/13/2010 13:31	14.02	51.54	33.86	8.80	7.99	16.1	3.17	105.4
490	7/13/2010 13:46	13.66	51.54	33.85	8.92	7.98	15.7	3.26	106.0
491	7/13/2010 14:01	13.23	51.56	33.85	9.01	8.19	13.1	3.33	106.0
492	7/13/2010 14:16	12.86	51.59	33.85	9.07	7.98	10.4	3.39	106.0
493	7/13/2010 14:31	12.64	51.57	33.83	9.14	7.98	6.7	3.44	106.3
494	7/13/2010 14:46	12.57	51.57	33.83	9.17	7.98	3.7	3.48	106.5
495	7/13/2010 15:01	13.38	51.13	33.54	9.21	8.01	3.8	3.48	108.6
496	7/13/2010 15:16	12.94	51.57	33.84	8.97	7.98	4.5	3.46	105.0
497	7/13/2010 15:31	12.79	51.57	33.84	9.05	7.98	5.1	3.42	105.7
498	7/13/2010 15:46	12.94	51.57	33.84	9.09	7.98	5.6	3.36	106.4
499	7/13/2010 16:01	14.75	51.54	33.88	9.43	8.03	8.4	3.26	114.6
500	7/13/2010 16:16	14.91	51.52	33.87	9.39	8.02	9.6	3.17	114.4
501	7/13/2010 16:31	15.35	51.51	33.88	9.43	8.03	9.9	3.07	115.8
502	7/13/2010 16:46	15.53	51.52	33.89	9.35	8.03	9.3	2.98	115.3
503	7/13/2010 17:01	16.09	51.52	33.90	9.38	8.04	7.2	2.86	117.0
504	7/13/2010 17:16	16.49	51.55	33.93	9.36	7.98	7.2	2.77	117.6
505	7/13/2010 17:31	16.91	51.54	33.93	9.33	7.98	6.4	2.70	118.2
506	7/13/2010 17:46	17.22	51.55	33.94	9.31	8.00	6.2	2.59	118.7
507	7/13/2010 18:01	17.54	51.55	33.94	9.52	8.02	5.7	2.51	122.2
508	7/13/2010 18:16	17.66	51.54	33.93	9.55	8.13	5.9	2.43	122.9
509	7/13/2010 18:31	17.85	51.54	33.94	9.36	8.01	5.8	2.36	120.8
510	7/13/2010 18:46	17.97	51.51	33.92	9.45	8.01	5.3	2.27	122.2
511	7/13/2010 19:01	17.85	51.57	33.96	9.57	8.11	4.8	2.22	123.5
512	7/13/2010 19:16	17.96	51.54	33.94	9.45	8.13	4.9	2.17	122.3
513	7/13/2010 19:31	18.25	51.52	33.93	9.21	8.01	3.9	2.13	119.8
514	7/13/2010 19:46	18.39	51.53	33.93	9.01	7.91	3.8	2.09	117.5
515	7/13/2010 20:01	18.41	51.56	33.95	8.97	7.91	3.7	2.08	117.0
516	7/13/2010 20:16	18.38	51.58	33.97	9.01	8.16	4.4	2.11	117.4
517	7/13/2010 20:31	18.27	51.56	33.95	8.97	7.99	6.5	2.15	116.8
518	7/13/2010 20:46	18.10	51.54	33.94	8.98	7.90	5.4	2.18	116.4
519	7/13/2010 21:01	18.01	51.58	33.96	8.94	8.15	6.7	2.25	115.8
520	7/13/2010 21:16	18.05	51.54	33.94	8.84	7.97	9.5	2.33	114.6
521	7/13/2010 21:31	17.75	51.49	33.90	8.89	8.08	9.6	2.42	114.4
522	7/13/2010 21:46	17.47	51.46	33.88	8.95	7.87	7.2	2.51	114.7
523	7/13/2010 22:01	17.18	51.50	33.90	8.96	7.86	7.1	2.60	114.2
524	7/13/2010 22:16	16.52	51.49	33.88	8.90	7.84	7.9	2.69	112.0
525	7/13/2010 22:31	16.09	51.48	33.87	8.83	7.93	6.9	2.79	110.1
526	7/13/2010 22:46	15.87	51.56	33.92	8.81	8.12	7.0	2.87	109.4
527	7/13/2010 23:01	15.61	51.56	33.92	8.79	7.92	7.1	2.98	108.7
528	7/13/2010 23:16	15.08	51.55	33.90	8.87	7.92	9.6	3.08	108.5
529	7/13/2010 23:31	14.79	51.56	33.90	8.93	7.92	9.3	3.17	108.6

sonde #3		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth	
			mS/cm	Salinity ppt	mg/L	pH		meters	DO%
530	7/13/2010 23:46	14.19	51.38	33.75	9.06	8.12	11.2	3.28	108.7
531	7/14/2010 0:01	13.68	51.48	33.80	9.13	7.97	11.0	3.37	108.5
532	7/14/2010 0:16	13.05	51.53	33.82	9.28	7.97	10.5	3.47	108.9
533	7/14/2010 0:31	12.80	51.50	33.79	9.38	7.98	9.0	3.57	109.5
534	7/14/2010 0:46	12.59	51.58	33.84	9.59	8.01	9.3	3.65	111.4
535	7/14/2010 1:01	12.52	51.58	33.84	9.72	8.02	6.8	3.73	112.8
536	7/14/2010 1:16	12.50	51.51	33.78	9.76	8.02	5.1	3.80	113.1
537	7/14/2010 1:31	12.43	51.59	33.84	9.77	8.03	3.8	3.86	113.1
538	7/14/2010 1:46	12.46	51.58	33.83	9.71	8.03	3.1	3.90	112.6
539	7/14/2010 2:01	12.38	51.58	33.83	9.62	8.02	2.1	3.91	111.3
540	7/14/2010 2:16	12.78	51.60	33.86	9.35	8.01	2.6	3.91	109.1
541	7/14/2010 2:31	12.47	51.57	33.83	9.48	8.01	2.4	3.89	109.8
542	7/14/2010 2:46	12.89	51.59	33.85	9.18	8.00	3.5	3.82	107.3
543	7/14/2010 3:01	13.07	51.56	33.85	8.99	7.98	3.5	3.74	105.5
544	7/14/2010 3:16	13.48	51.56	33.86	8.89	8.19	4.8	3.65	105.2
545	7/14/2010 3:31	13.41	51.54	33.84	8.83	7.98	3.8	3.53	104.4
546	7/14/2010 3:46	13.98	51.53	33.85	8.92	8.00	5.9	3.41	106.7
547	7/14/2010 4:01	13.99	51.61	33.91	8.84	8.00	5.4	3.29	105.8
548	7/14/2010 4:16	13.65	51.55	33.86	8.94	8.20	5.0	3.16	106.2
549	7/14/2010 4:31	14.32	51.57	33.89	8.71	8.00	5.5	3.02	104.8
550	7/14/2010 4:46	14.77	51.55	33.89	8.58	8.19	6.5	2.90	104.3
551	7/14/2010 5:01	15.06	51.47	33.84	8.41	7.79	5.6	2.75	102.8
552	7/14/2010 5:16	15.37	51.54	33.90	8.30	7.95	6.2	2.61	102.0
553	7/14/2010 5:31	15.14	51.58	33.93	8.30	7.94	5.7	2.48	101.6
554	7/14/2010 5:46	15.45	51.53	33.90	8.08	7.89	6.0	2.30	99.5
555	7/14/2010 6:01	15.50	51.58	33.93	8.07	7.96	7.1	2.16	99.6
556	7/14/2010 6:16	15.65	51.52	33.89	7.93	7.88	7.0	2.00	98.0
557	7/14/2010 6:31	16.19	51.60	33.96	7.83	7.95	9.2	1.84	97.9
558	7/14/2010 6:46	16.33	51.56	33.93	7.76	8.07	11.7	1.69	97.2
559	7/14/2010 7:01	16.66	51.61	33.98	7.79	7.89	10.1	1.52	98.3
560	7/14/2010 7:16	16.66	51.60	33.97	7.78	7.89	9.4	1.38	98.2
561	7/14/2010 7:31	16.93	51.59	33.97	7.75	7.90	9.2	1.25	98.3
562	7/14/2010 7:46	17.18	51.59	33.97	7.66	7.90	9.2	1.12	97.6
563	7/14/2010 8:01	17.31	51.67	34.03	7.59	8.08	7.3	1.02	97.0
564	7/14/2010 8:16	17.35	51.64	34.01	7.60	8.08	10.1	0.95	97.2
565	7/14/2010 8:31	17.39	51.67	34.03	7.58	8.08	7.3	0.97	97.0
566	7/14/2010 8:46	17.46	51.68	34.04	7.56	7.90	5.4	1.00	96.9
567	7/14/2010 9:01	17.51	51.67	34.03	7.55	7.90	5.7	1.09	96.9
568	7/14/2010 9:16	17.84	51.61	33.98	7.37	8.07	6.8	1.20	95.2
569	7/14/2010 9:31	17.89	51.63	34.00	7.40	7.90	6.0	1.30	95.7
570	7/14/2010 9:46	17.91	51.40	33.83	7.20	8.04	11.2	1.40	93.0
571	7/14/2010 10:01	17.92	51.26	33.73	7.05	7.85	10.7	1.48	90.9
572	7/14/2010 10:16	17.73	51.40	33.83	7.16	7.86	8.4	1.58	92.1
573	7/14/2010 10:31	17.52	51.51	33.91	7.40	7.88	7.4	1.68	94.9
574	7/14/2010 10:46	17.44	51.52	33.92	7.46	7.88	6.5	1.77	95.5
575	7/14/2010 11:01	17.33	51.56	33.95	7.50	7.88	5.8	1.88	95.8
576	7/14/2010 11:16	17.12	51.56	33.94	7.58	7.88	6.2	1.99	96.4
577	7/14/2010 11:31	16.98	51.46	33.87	7.72	7.89	7.1	2.13	98.0
578	7/14/2010 11:46	16.89	51.56	33.94	7.87	8.07	7.8	2.24	99.7
579	7/14/2010 12:01	16.79	51.49	33.89	7.93	7.90	8.6	2.36	100.3
580	7/14/2010 12:16	16.60	51.57	33.94	8.06	7.94	9.2	2.48	101.5
581	7/14/2010 12:31	16.40	51.43	33.84	8.12	8.02	10.3	2.60	101.9
582	7/14/2010 12:46	16.18	51.56	33.93	8.17	7.99	10.7	2.70	102.1

sonde #3		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth	
			mS/cm	Salinity ppt	mg/L	pH		meters	DO%
583	7/14/2010 13:01	15.81	51.43	33.83	8.35	7.95	14.5	2.81	103.6
584	7/14/2010 13:16	15.38	51.54	33.90	8.49	8.10	14.2	2.92	104.4
585	7/14/2010 13:31	14.75	51.37	33.76	8.77	7.91	15.0	3.02	106.4
586	7/14/2010 13:46	14.34	51.54	33.87	8.96	7.97	16.2	3.12	107.9
587	7/14/2010 14:01	14.14	51.53	33.86	9.09	7.92	18.4	3.22	109.1
588	7/14/2010 14:16	13.78	51.53	33.85	9.34	7.93	16.5	3.30	111.2
589	7/14/2010 14:31	13.43	51.50	33.81	9.53	7.94	14.9	3.39	112.6
590	7/14/2010 14:46	13.10	51.50	33.80	9.73	7.95	12.2	3.47	114.2
591	7/14/2010 15:01	12.96	51.41	33.73	9.82	8.25	8.7	3.53	115.0
592	7/14/2010 15:16	12.81	51.46	33.76	10.01	8.05	4.2	3.58	116.7
593	7/14/2010 15:31	12.80	51.38	33.70	9.99	8.05	4.9	3.61	116.5
594	7/14/2010 15:46	13.29	51.44	33.76	9.75	8.04	4.6	3.61	114.9
595	7/14/2010 16:01	13.05	51.45	33.76	9.81	8.04	5.6	3.58	115.0
596	7/14/2010 16:16	12.95	51.41	33.73	9.95	8.05	6.0	3.53	116.4
597	7/14/2010 16:31	13.54	51.65	33.93	9.81	8.05	6.5	3.45	116.3
598	7/14/2010 16:46	14.95	51.50	33.86	9.89	8.08	7.3	3.36	120.6
599	7/14/2010 17:01	14.94	51.43	33.81	9.81	8.27	8.0	3.25	119.6
600	7/14/2010 17:16	15.30	51.47	33.85	9.63	8.05	14.4	3.15	118.2
601	7/14/2010 17:31	15.47	51.51	33.88	9.58	7.98	7.5	3.04	118.0
602	7/14/2010 17:46	15.79	51.51	33.89	9.53	7.98	7.4	2.93	118.2
603	7/14/2010 18:01	16.23	51.66	34.00	9.48	7.98	5.5	2.84	118.7
604	7/14/2010 18:16	16.81	51.53	33.92	9.42	7.99	4.2	2.74	119.2
605	7/14/2010 18:31	16.94	51.58	33.96	9.36	7.99	5.0	2.63	118.8
606	7/14/2010 18:46	17.17	51.54	33.93	9.26	7.99	4.8	2.53	118.0
607	7/14/2010 19:01	17.20	51.55	33.93	9.42	7.99	6.2	2.44	120.0
608	7/14/2010 19:16	16.77	51.51	33.90	10.35	8.23	5.1	2.35	130.9
609	7/14/2010 19:31	16.94	51.53	33.92	9.95	8.03	4.2	2.26	126.2
610	7/14/2010 19:46	17.40	51.52	33.92	9.75	7.93	4.0	2.17	124.8
611	7/14/2010 20:01	17.90	51.58	33.97	9.52	8.02	4.9	2.10	123.0
612	7/14/2010 20:16	18.14	51.59	33.98	9.26	7.92	4.3	2.05	120.1
613	7/14/2010 20:31	18.42	51.61	33.99	9.10	7.92	4.5	1.99	118.7
614	7/14/2010 20:46	18.56	51.61	33.99	8.99	8.00	4.2	1.97	117.6
615	7/14/2010 21:01	18.70	51.65	34.02	8.84	8.15	3.9	1.98	116.0
616	7/14/2010 21:16	18.52	51.54	33.94	8.97	7.91	4.3	1.99	117.3
617	7/14/2010 21:31	18.43	51.64	34.01	8.93	8.15	4.3	2.03	116.6
618	7/14/2010 21:46	18.35	51.62	34.00	8.88	7.98	5.2	2.10	115.7
619	7/14/2010 22:01	18.25	51.55	33.94	8.81	8.14	6.7	2.18	114.5
620	7/14/2010 22:16	18.70	51.54	33.94	8.61	8.12	9.6	2.27	113.0
621	7/14/2010 22:31	18.23	51.57	33.96	8.73	7.96	8.2	2.36	113.5
622	7/14/2010 22:46	17.91	51.57	33.96	8.81	7.96	6.9	2.46	113.9
623	7/14/2010 23:01	17.59	51.57	33.95	8.88	7.96	8.3	2.55	114.1
624	7/14/2010 23:16	16.83	51.56	33.94	8.91	7.94	7.1	2.63	112.7
625	7/14/2010 23:31	16.53	51.56	33.94	8.86	7.94	5.8	2.71	111.5
626	7/14/2010 23:46	16.31	51.57	33.94	8.89	7.94	6.8	2.80	111.4
627	7/15/2010 0:01	16.06	51.56	33.93	8.91	7.94	6.4	2.88	111.1
628	7/15/2010 0:16	15.75	51.56	33.92	8.98	7.94	7.0	2.96	111.3
629	7/15/2010 0:31	15.44	51.54	33.90	9.09	7.94	7.8	3.06	112.0
630	7/15/2010 0:46	15.21	51.53	33.89	9.17	7.94	7.8	3.14	112.4
631	7/15/2010 1:01	14.73	51.52	33.87	9.35	7.95	9.4	3.23	113.5
632	7/15/2010 1:16	14.22	51.52	33.85	9.52	7.96	8.7	3.32	114.4
633	7/15/2010 1:31	13.73	51.51	33.83	9.75	8.08	7.9	3.41	115.9
634	7/15/2010 1:46	13.39	51.51	33.82	9.94	7.84	8.6	3.49	117.4
635	7/15/2010 2:01	13.12	51.50	33.80	10.21	7.99	7.3	3.56	119.9

sonde #3		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth	
			mS/cm	Salinity ppt	mg/L	pH		meters	DO%
636	7/15/2010 2:16	13.09	51.51	33.81	10.26	7.99	6.2	3.61	120.4
637	7/15/2010 2:31	13.07	51.44	33.76	10.32	8.00	4.5	3.68	121.0
638	7/15/2010 2:46	12.99	51.51	33.80	10.32	8.08	4.0	3.71	120.8
639	7/15/2010 3:01	13.77	51.42	33.76	9.72	8.05	5.0	3.71	115.6
640	7/15/2010 3:16	13.20	51.51	33.81	9.92	8.06	2.4	3.72	116.7
641	7/15/2010 3:31	13.01	51.50	33.80	10.13	8.07	2.3	3.69	118.7
642	7/15/2010 3:46	13.13	51.52	33.81	10.08	7.99	4.1	3.62	118.4
643	7/15/2010 4:01	13.43	51.52	33.82	9.83	8.09	5.7	3.55	116.2
644	7/15/2010 4:16	14.36	51.52	33.86	9.03	7.93	6.0	3.45	108.8
645	7/15/2010 4:31	14.84	51.54	33.88	8.78	7.93	6.7	3.33	106.9
646	7/15/2010 4:46	14.70	51.54	33.89	9.05	7.94	8.1	3.22	109.9
647	7/15/2010 5:01	14.76	51.53	33.88	8.93	7.93	6.7	3.10	108.5
648	7/15/2010 5:16	14.99	51.58	33.92	8.75	7.92	5.8	2.97	106.9
649	7/15/2010 5:31	15.75	51.56	33.92	8.30	7.90	6.5	2.85	102.9
650	7/15/2010 5:46	16.34	51.60	33.96	7.84	7.89	5.6	2.73	98.3
651	7/15/2010 6:01	16.35	51.58	33.95	8.10	7.90	6.7	2.60	101.6
652	7/15/2010 6:16	16.27	51.59	33.96	8.10	7.89	5.5	2.47	101.4
653	7/15/2010 6:31	16.02	51.58	33.94	8.14	7.90	5.9	2.33	101.4
654	7/15/2010 6:46	16.30	51.58	33.95	8.14	7.90	6.2	2.18	102.0
655	7/15/2010 7:01	16.28	51.53	33.91	8.10	8.02	6.3	2.03	101.5
656	7/15/2010 7:16	16.46	51.55	33.93	7.91	7.79	6.1	1.90	99.3
657	7/15/2010 7:31	16.62	51.60	33.97	7.87	7.89	6.0	1.75	99.2
658	7/15/2010 7:46	16.83	51.55	33.93	7.89	8.08	5.9	1.60	99.8
659	7/15/2010 8:01	17.02	51.61	33.98	7.87	8.08	6.0	1.47	100.0
660	7/15/2010 8:16	17.15	51.62	33.99	7.83	7.90	5.2	1.37	99.8
661	7/15/2010 8:31	17.72	51.66	34.02	7.62	7.90	4.2	1.28	98.1
662	7/15/2010 8:46	17.76	51.65	34.02	7.62	7.90	3.9	1.20	98.2
663	7/15/2010 9:01	17.88	51.63	34.00	7.59	7.90	4.1	1.15	98.0
664	7/15/2010 9:16	17.69	51.60	33.98	7.71	7.90	4.0	1.19	99.2
665	7/15/2010 9:31	18.09	51.67	34.03	7.52	7.89	3.8	1.22	97.6
666	7/15/2010 9:46	18.30	51.70	34.06	7.33	7.89	2.5	1.28	95.5
667	7/15/2010 10:01	18.49	51.68	34.04	7.19	7.89	3.1	1.38	94.0
668	7/15/2010 10:16	18.56	51.68	34.04	7.18	7.88	3.0	1.47	94.0
669	7/15/2010 10:31	18.68	51.47	33.89	7.00	7.86	6.2	1.57	91.7
670	7/15/2010 10:46	18.67	51.39	33.83	6.92	7.85	5.6	1.65	90.7
671	7/15/2010 11:01	18.32	51.46	33.88	7.05	7.86	5.9	1.75	91.7
672	7/15/2010 11:16	17.95	51.54	33.94	7.36	7.98	7.8	1.86	95.2
673	7/15/2010 11:31	17.78	51.57	33.95	7.46	7.99	4.6	1.94	96.1
674	7/15/2010 11:46	17.66	51.56	33.95	7.52	7.88	5.1	2.05	96.7
675	7/15/2010 12:01	17.22	51.57	33.95	7.80	7.89	5.8	2.17	99.5
676	7/15/2010 12:16	17.11	51.58	33.96	7.90	7.89	5.6	2.28	100.5
677	7/15/2010 12:31	17.13	51.59	33.97	7.97	7.90	6.1	2.39	101.5
678	7/15/2010 12:46	17.01	51.58	33.96	8.11	7.90	6.6	2.50	103.0
679	7/15/2010 13:01	16.81	51.57	33.95	8.18	7.91	8.7	2.62	103.6
680	7/15/2010 13:16	16.62	51.55	33.93	8.31	7.91	9.9	2.72	104.8
681	7/15/2010 13:31	16.41	51.51	33.90	8.45	7.96	11.5	2.83	106.0
682	7/15/2010 13:46	16.02	51.47	33.86	8.79	8.05	13.2	2.94	109.4
683	7/15/2010 14:01	15.37	51.46	33.84	9.23	7.95	12.4	3.04	113.4
684	7/15/2010 14:16	14.91	51.44	33.82	9.56	7.96	13.3	3.14	116.4
685	7/15/2010 14:31	14.55	51.44	33.81	9.97	7.99	14.5	3.24	120.6
686	7/15/2010 14:46	14.28	51.44	33.80	10.33	8.01	15.0	3.34	124.2
687	7/15/2010 15:01	13.79	51.40	33.75	10.44	8.01	13.4	3.44	124.2
688	7/15/2010 15:16	13.17	51.52	33.82	10.42	8.08	12.1	3.52	122.5

sonde #3		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth	
			mS/cm	Salinity ppt	mg/L	pH		meters	DO%
689	7/15/2010 15:31	12.75	51.54	33.81	10.38	8.05	8.5	3.59	121.0
690	7/15/2010 15:46	12.60	51.26	33.60	10.37	8.10	6.3	3.65	120.4
691	7/15/2010 16:01								
692	7/15/2010 16:16								
693	7/15/2010 16:31								
694	7/15/2010 16:46	12.62	51.54	33.81	10.30	8.06		3.67	119.7
695	7/15/2010 17:01	12.69	51.53	33.81	10.27	8.06		3.62	119.6
696	7/15/2010 17:16	15.13	51.38	33.78	10.77	8.11		3.53	131.8
697	7/15/2010 17:31	14.89	51.46	33.83	10.88	8.13		3.42	132.4
698	7/15/2010 17:46	15.75	51.48	33.87	10.59	8.10		3.32	131.2
699	7/15/2010 18:01	15.59	51.50	33.87	10.58	7.93		3.21	130.6
700	7/15/2010 18:16	15.68	51.30	33.73	10.44	8.15	8.4	3.09	129.0
701	7/15/2010 18:31	15.96	51.47	33.86	10.34	8.12	7.3	2.98	128.6
702	7/15/2010 18:46	16.49	51.47	33.87	10.02	8.06	7.1	2.88	125.9
703	7/15/2010 19:01	16.83	51.37	33.80	9.80	8.12	5.9	2.78	124.0
704	7/15/2010 19:16	17.26	51.45	33.86	9.65	8.01	5.7	2.67	123.1
705	7/15/2010 19:31	17.39	51.48	33.89	9.49	8.17	5.2	2.57	121.3
706	7/15/2010 19:46	17.53	51.45	33.87	9.81	8.03	5.2	2.47	125.7
707	7/15/2010 20:01	17.44	51.42	33.84	9.83	7.94	5.9	2.36	125.9
708	7/15/2010 20:16	17.58	51.52	33.92	9.86	8.03	5.2	2.26	126.6
709	7/15/2010 20:31	17.74	51.53	33.93	9.68	8.02	4.9	2.16	124.7
710	7/15/2010 20:46	18.25	51.46	33.88	9.36	7.92	5.2	2.09	121.7
711	7/15/2010 21:01	18.47	51.63	34.01	9.13	8.16	4.9	2.01	119.2
712	7/15/2010 21:16	18.75	51.65	34.02	8.95	8.00	4.8	1.94	117.5
713	7/15/2010 21:31	18.97	51.66	34.03	8.76	8.14	4.0	1.92	115.6
714	7/15/2010 21:46	19.10	51.68	34.05	8.56	8.13	3.3	1.90	113.1
715	7/15/2010 22:01	19.11	51.65	34.03	8.48	7.97	2.9	1.89	112.1
716	7/15/2010 22:16	19.00	51.67	34.04	8.60	7.97	2.6	1.91	113.5
717	7/15/2010 22:31	18.88	51.66	34.03	8.63	7.97	2.7	1.98	113.6
718	7/15/2010 22:46	18.85	51.65	34.02	8.58	7.96	2.9	2.04	112.9
719	7/15/2010 23:01	18.73	51.64	34.01	8.57	7.96	3.2	2.11	112.4
720	7/15/2010 23:16	19.33	51.52	33.93	8.35	7.95	5.9	2.19	110.8
721	7/15/2010 23:31	19.01	51.56	33.95	8.45	7.95	4.3	2.28	111.5
722	7/15/2010 23:46	18.56	51.56	33.96	8.62	7.95	3.5	2.37	112.8
723	7/16/2010 0:01	18.40	51.56	33.96	8.70	7.96	3.2	2.45	113.5
724	7/16/2010 0:16	18.06	51.55	33.95	8.79	7.96	3.4	2.53	113.9
725	7/16/2010 0:31	17.26	51.52	33.92	9.02	7.96	2.7	2.61	115.1
726	7/16/2010 0:46	17.09	51.51	33.91	9.03	7.96	2.6	2.69	114.8
727	7/16/2010 1:01	16.84	51.51	33.90	9.14	7.96	3.2	2.78	115.7
728	7/16/2010 1:16	16.62	51.49	33.89	9.19	8.08	3.8	2.85	115.9
729	7/16/2010 1:31	16.37	51.49	33.88	9.26	7.97	3.5	2.92	116.2
730	7/16/2010 1:46	16.09	51.48	33.87	9.39	8.09	3.8	3.01	117.0
731	7/16/2010 2:01	15.86	51.47	33.86	9.45	8.02	4.6	3.09	117.3
732	7/16/2010 2:16	15.46	51.45	33.83	9.57	7.98	4.2	3.16	117.8
733	7/16/2010 2:31	15.12	51.48	33.85	9.63	7.98	5.2	3.24	117.9
734	7/16/2010 2:46	14.71	51.45	33.82	9.74	8.09	4.8	3.31	118.2
735	7/16/2010 3:01	14.34	51.40	33.77	9.83	8.17	4.7	3.38	118.3
736	7/16/2010 3:16	14.04	51.44	33.79	9.84	8.06	3.5	3.43	117.8
737	7/16/2010 3:31	13.89	51.45	33.79	9.85	8.04	2.7	3.47	117.5
738	7/16/2010 3:46	13.81	51.44	33.78	9.86	7.98	2.1	3.50	117.4
739	7/16/2010 4:01	14.58	51.37	33.76	9.58	7.97	2.4	3.51	115.9
740	7/16/2010 4:16	14.09	51.47	33.81	9.58	8.02	1.3	3.49	114.8
741	7/16/2010 4:31	13.92	51.44	33.78	9.66	8.03	4.4	3.46	115.3

sonde #3		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth	
			mS/cm	Salinity ppt	mg/L	pH		meters	DO%
742	7/16/2010 4:46	14.23	51.26	33.66	9.59	7.97	3.4	3.40	115.1
743	7/16/2010 5:01	15.34	51.38	33.78	9.05	8.04	8.9	3.32	111.2
744	7/16/2010 5:16	15.38	51.38	33.78	9.17	8.00	6.0	3.22	112.7
745	7/16/2010 5:31	15.64	51.44	33.83	8.96	7.95	5.7	3.13	110.8
746	7/16/2010 5:46	15.89	51.47	33.86	8.77	7.94	5.2	3.03	108.9
747	7/16/2010 6:01	16.26	51.43	33.83	8.62	8.04	5.6	2.91	107.8
748	7/16/2010 6:16	16.66	51.46	33.87	8.23	7.95	6.2	2.81	103.7
749	7/16/2010 6:31	17.17	51.48	33.88	7.62	7.88	5.1	2.71	97.0
750	7/16/2010 6:46	17.19	51.51	33.91	7.50	7.88	4.7	2.60	95.6
751	7/16/2010 7:01	17.05	51.50	33.90	7.53	7.87	4.6	2.47	95.7
752	7/16/2010 7:16	17.05	51.02	33.55	7.86	8.07	7.3	2.36	99.6
753	7/16/2010 7:31	16.92	51.50	33.90	7.93	8.00	5.9	2.24	100.5
754	7/16/2010 7:46	16.92	51.52	33.92	7.95	8.01	4.8	2.12	100.8
755	7/16/2010 8:01	16.96	51.53	33.92	7.97	7.90	4.8	1.99	101.1
756	7/16/2010 8:16	17.11	51.52	33.91	7.95	7.94	4.3	1.87	101.2
757	7/16/2010 8:31	17.29	51.57	33.95	7.93	7.90	4.0	1.76	101.2
758	7/16/2010 8:46	17.57	51.55	33.94	7.92	7.90	3.7	1.65	101.6
759	7/16/2010 9:01	17.77	51.53	33.93	7.91	7.90	3.1	1.57	101.9
760	7/16/2010 9:16	18.03	51.57	33.96	7.77	7.90	6.1	1.50	100.6
761	7/16/2010 9:31	18.07	51.58	33.97	7.70	7.90	3.8	1.45	99.8
762	7/16/2010 9:46	18.30	51.58	33.97	7.55	8.00	3.8	1.42	98.3
763	7/16/2010 10:01	18.11	51.58	33.97	7.63	7.90	4.4	1.43	99.0
764	7/16/2010 10:16	18.46	51.60	33.99	7.48	7.89	2.9	1.45	97.7
765	7/16/2010 10:31	18.54	51.62	34.00	7.38	7.88	2.8	1.51	96.5
766	7/16/2010 10:46	18.70	51.63	34.00	7.20	7.87	3.4	1.59	94.4
767	7/16/2010 11:01	18.66	51.62	34.00	7.26	7.88	3.4	1.67	95.2
768	7/16/2010 11:16	18.83	51.45	33.88	7.05	7.86	6.5	1.75	92.6
769	7/16/2010 11:31	18.68	51.43	33.86	7.00	7.85	6.0	1.85	91.8
770	7/16/2010 11:46	18.44	51.48	33.90	7.18	7.86	5.1	1.94	93.7
771	7/16/2010 12:01	18.21	51.46	33.88	7.41	7.87	4.7	2.04	96.3
772	7/16/2010 12:16	18.10	51.51	33.92	7.48	8.04	4.6	2.13	96.9
773	7/16/2010 12:31	17.94	51.50	33.91	7.58	7.88	4.6	2.22	98.0
774	7/16/2010 12:46	17.54	51.49	33.90	7.99	7.90	4.9	2.34	102.5
775	7/16/2010 13:01	17.42	51.52	33.91	8.13	7.91	4.9	2.44	104.1
776	7/16/2010 13:16	17.40	51.54	33.93	8.26	7.92	5.5	2.53	105.6
777	7/16/2010 13:31	17.25	51.54	33.93	8.44	7.93	6.5	2.64	107.6
778	7/16/2010 13:46	17.14	51.46	33.87	8.60	8.11	7.0	2.74	109.4
779	7/16/2010 14:01	16.88	51.48	33.89	8.69	8.11	8.5	2.84	110.0
780	7/16/2010 14:16	16.46	51.44	33.85	8.93	7.94	11.5	2.93	112.1
781	7/16/2010 14:31	16.06	51.43	33.83	9.16	8.13	11.3	3.04	114.2
782	7/16/2010 14:46	15.50	51.46	33.84	9.30	7.96	11.5	3.14	114.6
783	7/16/2010 15:01	14.68	51.48	33.84	9.42	7.96	10.3	3.23	114.2
784	7/16/2010 15:16	14.13	51.51	33.85	9.62	7.97	12.0	3.32	115.3
785	7/16/2010 15:31	13.88	51.52	33.85	9.72	8.02	11.0	3.42	116.0
786	7/16/2010 15:46	13.56	51.50	33.82	9.74	7.97	9.8	3.51	115.5
787	7/16/2010 16:01	13.11	51.58	33.86	9.64	8.02	8.5	3.58	113.2
788	7/16/2010 16:16	12.80	51.52	33.80	9.56	7.95	6.8	3.65	111.5
789	7/16/2010 16:31	12.50	51.61	33.85	9.46	8.00	5.7	3.70	109.8
790	7/16/2010 16:46	12.44	51.61	33.85	9.47	8.04	3.0	3.72	109.8
791	7/16/2010 17:01	13.09	51.61	33.88	9.47	8.06	3.5	3.73	111.2
792	7/16/2010 17:16	12.66	51.61	33.86	9.24	7.93	2.9	3.73	107.6
793	7/16/2010 17:31	12.56	51.59	33.84	9.31	8.00	5.6	3.68	108.1
794	7/16/2010 17:46	12.96	51.60	33.87	9.44	8.05	4.9	3.61	110.6

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			
795	7/16/2010 18:01	14.73	51.43	33.80	10.20	8.02	5.1	3.53	123.8
796	7/16/2010 18:16	14.64	51.50	33.85	10.17	8.01	5.6	3.43	123.3
797	7/16/2010 18:31	15.53	51.52	33.89	9.87	8.00	9.3	3.32	121.7
798	7/16/2010 18:46	15.52	51.48	33.86	9.78	7.99	8.9	3.21	120.6
799	7/16/2010 19:01	15.88	51.54	33.91	9.74	8.18	6.2	3.10	121.0
800	7/16/2010 19:16	16.13	51.52	33.90	9.71	8.04	5.8	3.00	121.2
801	7/16/2010 19:31	16.58	51.49	33.89	9.55	8.11	5.6	2.89	120.3
802	7/16/2010 19:46	17.24	51.46	33.87	9.51	8.01	6.7	2.78	121.3
803	7/16/2010 20:01	17.38	51.52	33.92	9.40	8.11	5.3	2.67	120.3
804	7/16/2010 20:16	17.53	51.51	33.91	9.20	7.99	5.7	2.57	118.0
805	7/16/2010 20:31	17.51	51.52	33.92	9.29	7.99	5.1	2.46	119.1
806	7/16/2010 20:46	17.01	51.55	33.94	9.64	8.00	4.8	2.35	122.4
807	7/16/2010 21:01	17.50	51.55	33.94	9.14	8.09	5.4	2.24	117.1
808	7/16/2010 21:16	17.65	51.57	33.96	9.01	7.98	5.0	2.15	115.9
809	7/16/2010 21:31	17.96	51.58	33.97	8.91	8.02	4.8	2.05	115.2
810	7/16/2010 21:46	18.13	51.61	33.99	8.72	7.97	4.2	1.97	113.1
811	7/16/2010 22:01	18.36	51.63	34.00	8.57	7.96	4.0	1.89	111.7
812	7/16/2010 22:16	19.00	51.63	34.01	8.32	8.11	4.2	1.84	109.8
813	7/16/2010 22:31	19.15	51.65	34.02	8.20	8.03	3.7	1.78	108.4
814	7/16/2010 22:46	19.18	51.65	34.02	8.06	8.02	2.8	1.76	106.7
815	7/16/2010 23:01	19.33	51.55	33.95	7.98	7.98	3.5	1.77	105.9
816	7/16/2010 23:16	19.15	51.67	34.04	8.16	8.02	3.7	1.78	108.0
817	7/16/2010 23:31	19.05	51.65	34.02	8.16	8.17	3.9	1.82	107.8
818	7/16/2010 23:46	19.02	51.65	34.02	8.26	8.01	3.8	1.87	109.0
819	7/17/2010 0:01	18.96	51.65	34.02	8.28	8.02	3.7	1.96	109.2
820	7/17/2010 0:16	19.35	51.55	33.95	8.09	8.01	6.4	2.03	107.4
821	7/17/2010 0:31	19.47	51.52	33.93	8.01	7.96	6.5	2.11	106.6
822	7/17/2010 0:46	19.03	51.57	33.97	8.26	7.97	4.8	2.20	109.0
823	7/17/2010 1:01	18.82	51.58	33.97	8.30	8.01	3.8	2.27	109.1
824	7/17/2010 1:16	18.67	51.59	33.97	8.32	8.02	3.9	2.35	109.1
825	7/17/2010 1:31	18.34	51.57	33.96	8.47	7.94	4.0	2.43	110.4
826	7/17/2010 1:46	17.81	51.55	33.94	8.68	8.01	3.7	2.50	111.9
827	7/17/2010 2:01	17.59	51.55	33.94	8.73	8.03	3.2	2.57	112.1
828	7/17/2010 2:16	17.34	51.54	33.93	8.80	8.03	3.1	2.64	112.4
829	7/17/2010 2:31	17.12	51.52	33.91	8.85	8.02	3.1	2.71	112.7
830	7/17/2010 2:46	16.96	51.54	33.93	8.85	8.03	3.1	2.78	112.3
831	7/17/2010 3:01	16.68	51.50	33.90	8.88	8.03	3.5	2.85	112.0
832	7/17/2010 3:16	16.45	51.46	33.86	8.93	8.03	2.9	2.91	112.1
833	7/17/2010 3:31	16.19	51.52	33.90	8.95	8.03	3.1	2.97	111.8
834	7/17/2010 3:46	15.96	51.51	33.89	8.96	8.02	4.0	3.02	111.5
835	7/17/2010 4:01	15.70	51.47	33.85	9.01	8.02	3.1	3.08	111.5
836	7/17/2010 4:16	15.47	51.51	33.88	9.02	8.03	3.1	3.13	111.2
837	7/17/2010 4:31	15.29	51.50	33.87	9.03	8.02	2.7	3.17	110.8
838	7/17/2010 4:46	15.14	51.43	33.82	9.03	8.03	2.1	3.19	110.4
839	7/17/2010 5:01	14.95	51.55	33.90	8.96	8.02	1.2	3.21	109.2
840	7/17/2010 5:16	15.25	51.53	33.89	8.74	8.00	1.2	3.21	107.2
841	7/17/2010 5:31	15.08	51.53	33.88	8.77	8.01	1.2	3.19	107.2
842	7/17/2010 5:46	15.31	51.53	33.89	8.79	8.01	2.0	3.15	108.0
843	7/17/2010 6:01	15.82	51.54	33.91	8.58	8.19	3.2	3.08	106.5
844	7/17/2010 6:16	16.10	51.47	33.86	8.43	8.00	4.3	3.02	105.2
845	7/17/2010 6:31	16.31	51.50	33.89	8.26	7.99	4.3	2.94	103.5
846	7/17/2010 6:46	16.54	51.54	33.92	8.05	7.97	5.1	2.84	101.3
847	7/17/2010 7:01	16.53	51.52	33.91	8.07	7.97	3.8	2.75	101.5

sonde #3		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	
			mS/cm	Salinity ppt	mg/L	pH		meters	DO%
848	7/17/2010 7:16	16.80	51.54	33.92	7.80	7.96	4.3	2.66	98.6
849	7/17/2010 7:31	16.55	51.56	33.94	7.90	7.97	3.6	2.57	99.5
850	7/17/2010 7:46	16.73	51.58	33.95	7.81	7.96	5.2	2.47	98.6
851	7/17/2010 8:01	16.95	51.52	33.91	7.58	7.95	4.5	2.38	96.1
852	7/17/2010 8:16	17.22	51.61	33.98	7.65	7.97	3.7	2.27	97.6
853	7/17/2010 8:31	17.24	51.57	33.95	7.66	7.96	3.8	2.19	97.7
854	7/17/2010 8:46	17.18	51.57	33.95	7.82	7.94	2.9	2.09	99.6
855	7/17/2010 9:01	17.32	51.59	33.97	7.91	7.97	3.2	1.99	101.1
856	7/17/2010 9:16	17.52	51.60	33.98	7.85	7.99	4.2	1.91	100.8
857	7/17/2010 9:31	17.60	51.63	34.00	7.88	7.98	3.5	1.83	101.3
858	7/17/2010 9:46	17.77	51.63	34.00	7.88	8.15	3.1	1.76	101.6
859	7/17/2010 10:01	18.01	51.62	34.00	7.70	7.97	2.3	1.71	99.7
860	7/17/2010 10:16	18.12	51.59	33.97	7.66	7.97	1.8	1.68	99.3
861	7/17/2010 10:31	18.18	51.61	33.99	7.65	7.98	1.5	1.68	99.4
862	7/17/2010 10:46	18.12	51.66	34.02	7.69	7.98	2.4	1.67	99.9
863	7/17/2010 11:01	18.32	51.65	34.02	7.45	7.96	2.0	1.71	97.1
864	7/17/2010 11:16	18.33	51.67	34.03	7.40	7.95	2.2	1.76	96.4
865	7/17/2010 11:31	18.41	51.68	34.04	7.31	7.95	2.4	1.80	95.4
866	7/17/2010 11:46	18.39	51.68	34.04	7.33	7.96	2.4	1.87	95.6
867	7/17/2010 12:01	18.48	51.58	33.97	7.27	7.95	5.0	1.95	94.9
868	7/17/2010 12:16	18.55	51.50	33.91	7.13	7.94	5.7	2.04	93.2
869	7/17/2010 12:31	18.27	51.55	33.95	7.17	7.94	4.6	2.11	93.3
870	7/17/2010 12:46	18.10	51.59	33.98	7.47	7.96	3.3	2.19	96.9
871	7/17/2010 13:01	18.02	51.59	33.98	7.54	7.97	3.0	2.28	97.6
872	7/17/2010 13:16	17.80	51.55	33.95	7.61	7.97	3.7	2.38	98.1
873	7/17/2010 13:31	17.56	51.56	33.95	7.88	7.98	3.8	2.46	101.1
874	7/17/2010 13:46	17.32	51.55	33.94	8.13	7.98	4.0	2.54	103.9
875	7/17/2010 14:01	17.23	51.55	33.94	8.27	8.00	4.2	2.64	105.5
876	7/17/2010 14:16	17.11	51.54	33.93	8.39	8.01	4.8	2.74	106.8
877	7/17/2010 14:31	17.02	51.54	33.93	8.53	8.00	5.7	2.83	108.3
878	7/17/2010 14:46	16.71	51.49	33.88	8.63	8.18	6.8	2.92	108.9
879	7/17/2010 15:01	16.55	51.48	33.88	8.70	8.01	7.1	3.01	109.5
880	7/17/2010 15:16	16.03	51.46	33.85	9.03	8.02	9.4	3.11	112.5
881	7/17/2010 15:31	15.56	51.47	33.85	9.19	8.21	9.8	3.19	113.4
882	7/17/2010 15:46	15.03	51.48	33.85	9.30	8.03	9.0	3.28	113.6
883	7/17/2010 16:01	14.37	51.50	33.85	9.41	8.02	9.7	3.38	113.4
884	7/17/2010 16:16	13.89	51.52	33.84	9.53	8.03	10.2	3.46	113.7
885	7/17/2010 16:31	13.72	51.53	33.84	9.63	8.03	9.0	3.54	114.5
886	7/17/2010 16:46	13.59	51.52	33.83	9.77	8.04	7.1	3.60	115.9
887	7/17/2010 17:01	13.44	51.53	33.83	9.80	8.04	4.9	3.66	115.9
888	7/17/2010 17:16	13.32	51.54	33.84	9.86	8.04	2.9	3.70	116.4
889	7/17/2010 17:31	13.32	51.54	33.84	9.77	8.04	2.3	3.72	115.2
890	7/17/2010 17:46	13.65	51.53	33.84	9.52	8.04	1.6	3.73	113.1
891	7/17/2010 18:01	13.43	51.55	33.85	9.54	8.03	2.6	3.71	112.8
892	7/17/2010 18:16	13.38	51.54	33.84	9.64	8.03	4.1	3.66	113.8
893	7/17/2010 18:31	13.77	51.50	33.82	9.65	8.04	5.6	3.61	114.9
894	7/17/2010 18:46	14.98	51.50	33.86	9.88	8.09	4.3	3.52	120.6
895	7/17/2010 19:01	14.67	51.50	33.85	9.80	8.07	5.6	3.42	118.8
896	7/17/2010 19:16	15.33	51.49	33.86	9.73	8.08	6.8	3.33	119.5
897	7/17/2010 19:31	15.70	51.52	33.89	9.50	8.06	9.0	3.23	117.6
898	7/17/2010 19:46	15.98	51.51	33.89	9.42	8.05	9.4	3.12	117.3
899	7/17/2010 20:01	16.41	51.53	33.92	9.36	8.06	6.2	3.02	117.5
900	7/17/2010 20:16	16.75	51.53	33.92	9.33	8.06	6.5	2.92	117.9

sonde #3		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth	
			mS/cm	Salinity ppt	mg/L	pH		meters	DO%
901	7/17/2010 20:31	16.94	51.50	33.90	9.22	8.07	6.5	2.83	116.9
902	7/17/2010 20:46	17.35	51.52	33.92	9.21	8.08	7.0	2.72	117.8
903	7/17/2010 21:01	16.77	51.54	33.93	9.36	8.07	5.1	2.61	118.3
904	7/17/2010 21:16	16.59	51.55	33.93	9.14	8.05	5.1	2.51	115.2
905	7/17/2010 21:31	16.64	51.53	33.91	8.93	8.04	6.5	2.40	112.7
906	7/17/2010 21:46	17.01	51.56	33.94	8.68	8.03	5.6	2.30	110.3
907	7/17/2010 22:01	17.03	51.57	33.95	8.63	8.03	5.5	2.18	109.7
908	7/17/2010 22:16	17.31	51.52	33.92	8.47	8.20	11.7	2.08	108.2
909	7/17/2010 22:31	17.62	51.62	34.00	8.33	8.03	4.5	1.99	107.1
910	7/17/2010 22:46	17.60	51.63	34.00	8.18	8.02	4.6	1.89	105.1
911	7/17/2010 23:01	17.88	51.57	33.96	8.05	8.00	4.2	1.81	104.0
912	7/17/2010 23:16	18.13	51.67	34.03	7.95	7.97	3.4	1.75	103.2
913	7/17/2010 23:31	18.37	51.67	34.04	7.87	7.99	3.3	1.70	102.6
914	7/17/2010 23:46	18.90	51.64	34.01	7.70	8.00	2.9	1.67	101.4
915	7/18/2010 0:01	19.07	51.69	34.05	7.70	7.96	2.1	1.67	101.8
916	7/18/2010 0:16	19.04	51.73	34.08	7.77	8.00	3.5	1.69	102.6
917	7/18/2010 0:31	19.06	51.73	34.08	7.82	8.00	3.2	1.70	103.4
918	7/18/2010 0:46	18.85	51.70	34.06	7.88	8.00	2.7	1.77	103.7
919	7/18/2010 1:01	18.97	51.71	34.07	7.90	8.01	3.9	1.82	104.2
920	7/18/2010 1:16	18.88	51.70	34.06	7.88	8.15	3.7	1.89	103.8
921	7/18/2010 1:31	18.98	51.61	34.00	7.70	7.99	5.7	1.96	101.5
922	7/18/2010 1:46	19.08	51.56	33.95	7.54	7.96	5.7	2.03	99.6
923	7/18/2010 2:01	18.79	51.57	33.97	7.76	7.98	4.2	2.11	102.0
924	7/18/2010 2:16	18.62	51.61	33.99	7.76	7.99	3.4	2.16	101.7
925	7/18/2010 2:31	18.48	51.61	33.99	7.84	7.98	2.7	2.25	102.5
926	7/18/2010 2:46	18.37	51.60	33.99	7.87	7.99	3.0	2.31	102.6
927	7/18/2010 3:01	18.21	51.50	33.91	7.94	8.00	2.7	2.38	103.1
928	7/18/2010 3:16	17.69	51.56	33.95	8.25	8.01	2.6	2.45	106.2
929	7/18/2010 3:31	17.51	51.56	33.95	8.33	8.01	2.3	2.51	106.8
930	7/18/2010 3:46	17.42	51.55	33.94	8.35	8.00	2.6	2.57	106.9
931	7/18/2010 4:01	17.20	51.55	33.94	8.46	8.01	2.7	2.63	107.8
932	7/18/2010 4:16	17.10	51.54	33.93	8.45	8.00	2.3	2.69	107.5
933	7/18/2010 4:31	16.98	51.55	33.93	8.47	8.01	2.4	2.75	107.5
934	7/18/2010 4:46	16.76	51.54	33.92	8.53	8.01	2.4	2.80	107.8
935	7/18/2010 5:01	16.65	51.51	33.90	8.54	8.01	2.1	2.85	107.7
936	7/18/2010 5:16	16.48	51.51	33.90	8.55	8.01	2.1	2.89	107.5
937	7/18/2010 5:31	16.38	51.53	33.91	8.55	8.01	2.3	2.93	107.2
938	7/18/2010 5:46	16.27	51.50	33.89	8.55	8.01	2.0	2.95	107.0
939	7/18/2010 6:01	16.21	51.46	33.86	8.51	8.01	1.5	2.99	106.4
940	7/18/2010 6:16	16.14	51.46	33.86	8.42	8.01	0.7	2.99	105.1
941	7/18/2010 6:31	16.12	51.47	33.87	8.10	7.99	0.8	2.99	101.0
942	7/18/2010 6:46	16.21	51.46	33.86	8.19	7.99	0.6	2.98	102.4
943	7/18/2010 7:01	16.20	51.44	33.84	8.25	7.99	1.3	2.94	103.1
944	7/18/2010 7:16	16.40	51.52	33.90	8.13	7.99	4.9	2.89	102.1
945	7/18/2010 7:31	16.76	51.39	33.81	7.88	7.95	3.8	2.84	99.5
946	7/18/2010 7:46	16.83	51.55	33.94	7.75	7.98	3.5	2.77	98.0
947	7/18/2010 8:01	16.91	51.55	33.93	7.35	7.94	6.1	2.69	93.2
948	7/18/2010 8:16	16.94	51.63	33.99	7.00	7.91	4.5	2.60	88.9
949	7/18/2010 8:31	17.03	51.64	34.00	7.15	7.92	3.7	2.54	90.9
950	7/18/2010 8:46	17.13	51.58	33.96	7.16	7.93	4.0	2.46	91.1
951	7/18/2010 9:01	17.25	51.60	33.98	7.24	7.90	3.5	2.38	92.4
952	7/18/2010 9:16	17.31	51.65	34.01	7.13	7.93	4.3	2.30	91.1
953	7/18/2010 9:31	17.34	51.64	34.00	7.25	7.93	3.7	2.24	92.8

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	7/18/2010 9:46	17.43	51.64	34.01	7.28	7.94	3.4	2.16	93.3
955	7/18/2010 10:01	17.53	51.62	33.99	7.35	7.94	3.0	2.09	94.3
956	7/18/2010 10:16	17.72	51.64	34.01	7.36	7.96	2.4	2.06	94.9
957	7/18/2010 10:31	17.86	51.67	34.03	7.35	7.96	3.3	2.00	94.9
958	7/18/2010 10:46	17.99	51.63	34.00	7.32	7.95	2.0	1.96	94.8
959	7/18/2010 11:01	18.06	51.66	34.03	7.37	7.95	1.7	1.95	95.5
960	7/18/2010 11:16	18.21	51.69	34.05	7.25	7.96	2.3	1.95	94.3
961	7/18/2010 11:31	18.13	51.70	34.05	7.34	7.95	1.9	1.93	95.3
962	7/18/2010 11:46	18.19	51.65	34.02	7.32	7.96	1.8	1.95	95.1
963	7/18/2010 12:01	18.17	51.67	34.04	7.28	7.96	1.9	2.00	94.6
964	7/18/2010 12:16	18.09	51.66	34.02	7.33	7.95	2.3	2.03	95.1
965	7/18/2010 12:31	18.04	51.65	34.02	7.34	7.95	2.3	2.08	95.1
966	7/18/2010 12:46	17.91	51.65	34.02	7.31	7.94	2.8	2.14	94.5
967	7/18/2010 13:01	17.82	51.63	34.00	7.30	7.94	2.7	2.21	94.2
968	7/18/2010 13:16	17.77	51.62	33.99	7.31	7.95	3.1	2.27	94.2
969	7/18/2010 13:31	17.70	51.60	33.98	7.40	7.96	3.0	2.33	95.2
970	7/18/2010 13:46	17.62	51.59	33.98	7.44	7.96	2.8	2.42	95.6
971	7/18/2010 14:01	17.44	51.58	33.96	7.64	7.96	3.6	2.50	97.9
972	7/18/2010 14:16	17.29	51.55	33.94	7.81	7.97	3.5	2.56	99.7
973	7/18/2010 14:31	17.09	51.55	33.94	8.05	7.99	3.4	2.64	102.4
974	7/18/2010 14:46	16.99	51.53	33.92	8.26	7.99	3.6	2.73	104.8
975	7/18/2010 15:01	16.97	51.53	33.92	8.44	8.00	3.8	2.81	107.1
976	7/18/2010 15:16	16.86	51.53	33.92	8.56	8.00	4.4	2.89	108.4
977	7/18/2010 15:31	16.66	51.52	33.91	8.62	8.01	4.3	2.97	108.8
978	7/18/2010 15:46	16.43	51.50	33.89	8.82	8.01	5.4	3.05	110.7
979	7/18/2010 16:01	16.12	51.48	33.87	8.86	8.01	6.2	3.13	110.6
980	7/18/2010 16:16	15.44	51.47	33.85	9.15	8.02	7.5	3.22	112.6
981	7/18/2010 16:31	15.18	51.47	33.84	9.27	8.03	6.8	3.30	113.5
982	7/18/2010 16:46	14.80	51.41	33.79	9.36	8.03	7.5	3.38	113.8
983	7/18/2010 17:01	14.36	51.50	33.85	9.37	8.03	6.5	3.46	112.9
984	7/18/2010 17:16	13.93	51.51	33.84	9.37	8.03	7.1	3.53	111.9
985	7/18/2010 17:31	13.83	51.47	33.81	9.40	8.03	4.9	3.60	112.0
986	7/18/2010 17:46	13.67	51.47	33.80	9.52	8.04	4.1	3.63	113.0
987	7/18/2010 18:01	13.55	51.52	33.83	9.53	8.04	2.7	3.68	112.9
988	7/18/2010 18:16	13.46	51.52	33.83	9.45	8.04	1.5	3.70	111.8
989	7/18/2010 18:31	13.71	51.58	33.88	9.42	8.23	2.0	3.70	112.0
990	7/18/2010 18:46	13.52	51.52	33.83	9.33	8.03	2.0	3.69	110.5
991	7/18/2010 19:01	13.51	51.48	33.80	9.35	8.03	2.2	3.65	110.7
992	7/18/2010 19:16	13.91	51.50	33.83	9.34	8.02	3.7	3.60	111.6
993	7/18/2010 19:31	15.16	51.39	33.78	9.53	8.05	3.9	3.52	116.6
994	7/18/2010 19:46	15.10	51.46	33.83	9.46	8.06	4.8	3.44	115.6
995	7/18/2010 20:01	14.99	51.43	33.81	9.45	8.06	4.6	3.35	115.3
996	7/18/2010 20:16	15.57	51.40	33.80	9.28	8.03	5.3	3.25	114.5
997	7/18/2010 20:31	15.91	51.48	33.87	9.17	8.05	8.5	3.15	114.0
998	7/18/2010 20:46	16.25	51.48	33.88	9.09	8.05	6.8	3.06	113.8
999	7/18/2010 21:01	16.58	51.48	33.88	8.97	8.04	6.8	2.96	112.9
1000	7/18/2010 21:16	17.13	51.39	33.82	8.85	8.06	4.8	2.86	112.6
1001	7/18/2010 21:31	17.23	51.50	33.90	8.86	8.06	5.7	2.76	112.9
1002	7/18/2010 21:46	17.36	51.47	33.88	8.84	8.05	6.0	2.65	113.0
1003	7/18/2010 22:01	16.96	51.44	33.86	8.89	8.05	5.7	2.55	112.8
1004	7/18/2010 22:16	16.39	51.53	33.92	8.72	8.03	6.3	2.44	109.4
1005	7/18/2010 22:31	16.72	51.54	33.93	8.45	8.01	6.5	2.33	106.7
1006	7/18/2010 22:46	16.92	51.58	33.95	8.31	8.02	6.0	2.22	105.4

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			
1007	7/18/2010 23:01	16.62	51.58	33.95	8.24	8.00	5.5	2.11	103.9
1008	7/18/2010 23:16	16.99	51.57	33.95	8.05	7.99	5.5	2.00	102.2
1009	7/18/2010 23:31	17.16	51.61	33.98	7.93	7.98	4.2	1.90	101.0
1010	7/18/2010 23:46	17.49	51.63	34.00	7.80	7.98	3.9	1.81	100.1
1011	7/19/2010 0:01	17.69	51.64	34.01	7.74	7.98	3.5	1.72	99.7
1012	7/19/2010 0:16	17.96	51.66	34.03	7.66	7.98	3.9	1.65	99.1
1013	7/19/2010 0:31	18.36	51.70	34.06	7.58	7.98	3.0	1.60	98.8
1014	7/19/2010 0:46	18.62	51.71	34.07	7.53	7.98	2.6	1.56	98.6
1015	7/19/2010 1:01	18.71	51.72	34.07	7.47	7.98	2.4	1.56	98.0
1016	7/19/2010 1:16	18.59	51.71	34.07	7.55	7.97	3.2	1.57	98.9
1017	7/19/2010 1:31	18.70	51.73	34.08	7.58	7.98	2.7	1.58	99.5
1018	7/19/2010 1:46	18.59	51.72	34.07	7.59	7.98	2.9	1.63	99.4
1019	7/19/2010 2:01	18.70	51.71	34.07	7.61	7.98	3.6	1.69	99.9
1020	7/19/2010 2:16	18.62	51.71	34.06	7.60	7.95	3.7	1.74	99.6
1021	7/19/2010 2:31	18.64	51.57	33.97	7.51	7.97	4.8	1.80	98.4
1022	7/19/2010 2:46	18.76	51.53	33.93	7.32	7.96	5.6	1.87	96.1
1023	7/19/2010 3:01	18.71	51.53	33.93	7.32	7.95	5.7	1.93	96.0
1024	7/19/2010 3:16	18.58	51.57	33.96	7.44	7.96	4.6	2.00	97.4
1025	7/19/2010 3:31	18.43	51.57	33.96	7.48	7.96	3.6	2.07	97.6
1026	7/19/2010 3:46	18.33	51.59	33.97	7.50	7.97	3.3	2.12	97.7
1027	7/19/2010 4:01	18.24	51.57	33.96	7.55	7.97	3.1	2.18	98.2
1028	7/19/2010 4:16	18.19	51.61	33.99	7.55	7.97	3.1	2.26	98.1
1029	7/19/2010 4:31	17.87	51.60	33.98	7.78	7.97	2.9	2.32	100.5
1030	7/19/2010 4:46	17.59	51.56	33.95	7.92	7.98	2.7	2.39	101.8
1031	7/19/2010 5:01	17.47	51.55	33.94	7.96	7.96	2.6	2.46	102.1
1032	7/19/2010 5:16	17.32	51.57	33.96	8.03	8.00	2.4	2.52	102.6
1033	7/19/2010 5:31	17.16	51.56	33.95	8.08	7.99	2.7	2.58	103.0
1034	7/19/2010 5:46	17.06	51.56	33.95	8.10	7.99	2.3	2.62	102.9
1035	7/19/2010 6:01	16.94	51.55	33.94	8.15	8.00	2.4	2.68	103.4
1036	7/19/2010 6:16	16.79	51.50	33.90	8.19	8.00	2.3	2.73	103.5
1037	7/19/2010 6:31	16.60	51.45	33.86	8.24	8.00	2.2	2.77	103.8
1038	7/19/2010 6:46	16.56	51.44	33.85	8.21	8.17	1.9	2.80	103.3
1039	7/19/2010 7:01	16.49	51.49	33.88	8.22	8.00	2.0	2.83	103.3
1040	7/19/2010 7:16	16.47	51.48	33.88	8.16	8.17	1.4	2.86	102.5
1041	7/19/2010 7:31	16.37	51.53	33.91	8.11	8.00	1.3	2.86	101.7
1042	7/19/2010 7:46	16.55	51.51	33.90	7.87	7.97	1.6	2.86	99.1
1043	7/19/2010 8:01	16.47	51.47	33.87	7.88	7.98	1.2	2.85	99.0
1044	7/19/2010 8:16	16.42	51.49	33.89	7.95	7.99	1.3	2.83	99.8
1045	7/19/2010 8:31	16.56	51.50	33.89	7.89	7.99	1.6	2.80	99.4
1046	7/19/2010 8:46	16.66	51.50	33.90	7.85	7.98	2.6	2.75	99.0
1047	7/19/2010 9:01	16.77	51.49	33.89	7.79	7.98	2.6	2.70	98.5
1048	7/19/2010 9:16	16.90	51.57	33.95	7.27	7.94	3.4	2.65	92.1
1049	7/19/2010 9:31	16.87	51.60	33.97	6.93	7.91	3.4	2.59	87.8
1050	7/19/2010 9:46	16.92	51.63	33.99	7.08	7.92	3.2	2.53	89.7
1051	7/19/2010 10:01	16.96	51.60	33.97	6.95	7.91	3.8	2.46	88.2
1052	7/19/2010 10:16	17.07	51.60	33.98	6.99	7.92	3.3	2.42	89.0
1053	7/19/2010 10:31	17.17	51.62	33.99	7.21	7.93	2.9	2.38	91.9
1054	7/19/2010 10:46	17.39	51.62	33.99	7.19	7.94	2.4	2.30	92.1
1055	7/19/2010 11:01	17.22	51.63	34.00	7.19	7.92	2.9	2.26	91.7
1056	7/19/2010 11:16	17.54	51.64	34.01	7.25	7.94	2.1	2.25	93.1
1057	7/19/2010 11:31	17.66	51.63	34.00	7.30	7.94	1.9	2.21	93.9
1058	7/19/2010 11:46	17.77	51.63	34.00	7.25	7.94	1.9	2.17	93.5
1059	7/19/2010 12:01	17.84	51.59	33.98	7.22	7.92	2.0	2.15	93.2

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			
1060	7/19/2010 12:16	17.90	51.64	34.01	7.10	7.95	1.9	2.17	91.8
1061	7/19/2010 12:31	17.92	51.63	34.01	7.25	7.94	2.2	2.16	93.7
1062	7/19/2010 12:46	17.91	51.60	33.98	7.30	7.96	2.6	2.16	94.3
1063	7/19/2010 13:01	17.85	51.64	34.01	7.35	7.96	2.3	2.18	94.9
1064	7/19/2010 13:16	17.77	51.62	34.00	7.32	7.94	2.4	2.23	94.3
1065	7/19/2010 13:31	17.71	51.62	33.99	7.38	7.95	2.3	2.26	95.0
1066	7/19/2010 13:46	17.66	51.60	33.98	7.33	7.95	2.4	2.28	94.3
1067	7/19/2010 14:01	17.56	51.59	33.97	7.32	7.94	2.6	2.35	94.0
1068	7/19/2010 14:16	17.51	51.57	33.96	7.48	7.96	3.1	2.42	96.0
1069	7/19/2010 14:31	17.37	51.52	33.91	7.70	7.97	3.0	2.48	98.4
1070	7/19/2010 14:46	17.28	51.56	33.95	7.77	7.98	2.7	2.53	99.2
1071	7/19/2010 15:01	17.21	51.53	33.93	7.91	7.98	2.6	2.61	100.8
1072	7/19/2010 15:16	17.08	51.51	33.91	7.97	7.98	3.2	2.68	101.4
1073	7/19/2010 15:31	16.96	51.50	33.90	8.12	7.99	3.6	2.74	103.0
1074	7/19/2010 15:46	16.57	51.46	33.87	8.35	8.00	3.2	2.81	105.1
1075	7/19/2010 16:01	16.22	51.43	33.84	8.53	7.99	3.4	2.89	106.6
1076	7/19/2010 16:16	16.03	51.47	33.86	8.64	8.02	3.4	2.97	107.6
1077	7/19/2010 16:31	15.91	51.43	33.83	8.68	8.02	4.2	3.03	107.8
1078	7/19/2010 16:46	15.83	51.44	33.84	8.75	8.00	3.5	3.12	108.5
1079	7/19/2010 17:01	15.62	51.41	33.81	8.87	8.01	4.1	3.19	109.6
1080	7/19/2010 17:16	15.24	51.46	33.84	9.02	8.03	5.9	3.27	110.7
1081	7/19/2010 17:31	14.93	51.41	33.79	9.06	8.02	6.0	3.34	110.4
1082	7/19/2010 17:46	14.62	51.48	33.84	9.06	8.02	5.6	3.42	109.8
1083	7/19/2010 18:01	14.32	51.50	33.84	9.03	8.02	5.1	3.48	108.7
1084	7/19/2010 18:16	13.77	51.52	33.84	9.09	8.21	5.0	3.54	108.2
1085	7/19/2010 18:31	13.48	51.53	33.84	9.10	8.21	4.3	3.59	107.7
1086	7/19/2010 18:46	13.29	51.52	33.82	9.08	8.21	2.6	3.63	107.0
1087	7/19/2010 19:01	13.17	51.55	33.83	9.03	8.02	2.1	3.66	106.2
1088	7/19/2010 19:16	13.35	51.82	34.05	9.13	8.01	1.8	3.66	108.0
1089	7/19/2010 19:31	13.37	51.54	33.84	8.73	8.00	2.3	3.66	103.1
1090	7/19/2010 19:46	13.27	51.54	33.83	8.82	8.00	1.6	3.65	104.0
1091	7/19/2010 20:01	13.32	51.51	33.82	8.87	8.20	1.8	3.59	104.6
1092	7/19/2010 20:16	14.42	51.52	33.86	8.95	8.02	2.8	3.53	108.0
1093	7/19/2010 20:31	15.34	51.45	33.83	8.94	8.04	4.6	3.46	109.9
1094	7/19/2010 20:46	15.70	51.44	33.83	8.89	8.04	4.3	3.39	110.1
1095	7/19/2010 21:01	16.08	51.47	33.86	8.93	8.05	4.9	3.29	111.3
1096	7/19/2010 21:16	16.14	51.37	33.79	8.86	8.05	4.2	3.21	110.5
1097	7/19/2010 21:31	16.06	51.40	33.81	8.78	8.01	4.8	3.12	109.4
1098	7/19/2010 21:46	16.12	51.38	33.80	8.71	8.03	4.0	3.03	108.6
1099	7/19/2010 22:01	16.35	51.44	33.84	8.68	8.03	4.0	2.93	108.8
1100	7/19/2010 22:16	16.67	51.49	33.89	8.59	8.02	4.6	2.83	108.3
1101	7/19/2010 22:31	17.04	51.49	33.89	8.48	8.03	4.3	2.74	107.7
1102	7/19/2010 22:46	17.30	51.47	33.88	8.35	8.02	4.4	2.63	106.6
1103	7/19/2010 23:01	17.35	51.48	33.89	8.25	8.01	5.0	2.52	105.4
1104	7/19/2010 23:16	17.31	51.52	33.92	8.15	8.00	4.3	2.41	104.1
1105	7/19/2010 23:31	16.53	51.63	33.99	8.30	8.01	4.8	2.30	104.5
1106	7/19/2010 23:46	16.91	51.54	33.92	8.01	7.99	6.7	2.18	101.5
1107	7/20/2010 0:01	16.98	51.59	33.96	7.88	7.99	5.9	2.06	100.0
1108	7/20/2010 0:16	17.06	51.58	33.96	7.71	7.97	5.8	1.94	98.0
1109	7/20/2010 0:31	17.43	51.60	33.98	7.58	7.96	7.1	1.84	97.0
1110	7/20/2010 0:46	17.56	51.62	34.00	7.50	7.96	4.8	1.74	96.4
1111	7/20/2010 1:01	17.66	51.63	34.00	7.45	7.96	4.4	1.64	95.8
1112	7/20/2010 1:16	17.91	51.66	34.03	7.40	7.96	4.4	1.57	95.7

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			
1113	7/20/2010 1:31	18.07	51.68	34.04	7.34	7.96	4.2	1.50	95.2
1114	7/20/2010 1:46	18.30	51.69	34.05	7.32	7.96	4.7	1.46	95.3
1115	7/20/2010 2:01	18.38	51.73	34.08	7.25	7.96	3.4	1.44	94.5
1116	7/20/2010 2:16	18.43	51.72	34.07	7.21	7.95	2.9	1.43	94.2
1117	7/20/2010 2:31	18.42	51.73	34.08	7.38	7.97	3.2	1.45	96.4
1118	7/20/2010 2:46	18.42	51.72	34.07	7.40	7.97	2.6	1.48	96.6
1119	7/20/2010 3:01	18.37	51.70	34.06	7.37	7.97	2.8	1.53	96.1
1120	7/20/2010 3:16	18.43	51.71	34.06	7.39	7.96	3.1	1.57	96.4
1121	7/20/2010 3:31	18.36	51.70	34.05	7.39	7.97	3.0	1.63	96.4
1122	7/20/2010 3:46	18.35	51.62	34.00	7.32	7.96	4.1	1.71	95.4
1123	7/20/2010 4:01	18.51	51.51	33.92	7.14	7.94	5.5	1.76	93.3
1124	7/20/2010 4:16	18.48	51.51	33.92	7.09	7.93	5.1	1.81	92.6
1125	7/20/2010 4:31	18.42	51.52	33.93	7.13	7.94	4.8	1.88	92.9
1126	7/20/2010 4:46	18.28	51.56	33.96	7.25	7.95	3.8	1.96	94.3
1127	7/20/2010 5:01	18.19	51.58	33.97	7.26	7.95	3.5	2.03	94.4
1128	7/20/2010 5:16	18.10	51.59	33.97	7.31	7.95	3.1	2.08	94.8
1129	7/20/2010 5:31	17.98	51.59	33.97	7.37	7.96	2.8	2.17	95.4
1130	7/20/2010 5:46	17.75	51.56	33.95	7.48	7.96	3.2	2.24	96.3
1131	7/20/2010 6:01	17.58	51.55	33.94	7.56	7.97	3.1	2.30	97.1
1132	7/20/2010 6:16	17.43	51.54	33.94	7.63	7.96	3.0	2.38	97.7
1133	7/20/2010 6:31	17.30	51.54	33.93	7.68	7.97	2.9	2.44	98.0
1134	7/20/2010 6:46	17.17	51.52	33.92	7.77	7.97	2.7	2.49	99.0
1135	7/20/2010 7:01	17.07	51.52	33.91	7.80	7.97	2.2	2.55	99.2
1136	7/20/2010 7:16	17.02	51.50	33.90	7.80	7.97	2.2	2.61	99.1
1137	7/20/2010 7:31	16.85	51.44	33.85	7.86	7.96	2.6	2.66	99.5
1138	7/20/2010 7:46	16.75	51.42	33.84	7.87	7.95	2.7	2.71	99.4
1139	7/20/2010 8:01	16.54	51.45	33.85	7.93	7.99	1.8	2.75	99.8
1140	7/20/2010 8:16	16.51	51.46	33.86	7.91	7.98	2.0	2.78	99.5
1141	7/20/2010 8:31	16.39	51.48	33.87	7.94	7.98	2.3	2.82	99.6
1142	7/20/2010 8:46	16.32	51.40	33.81	7.92	7.96	1.3	2.84	99.2
1143	7/20/2010 9:01	16.27	51.36	33.78	7.84	7.98	1.0	2.85	98.0
1144	7/20/2010 9:16	16.53	51.45	33.86	7.65	7.97	1.9	2.85	96.2
1145	7/20/2010 9:31	16.15	51.46	33.86	7.54	7.96	1.6	2.85	94.1
1146	7/20/2010 9:46	16.18	51.47	33.87	7.69	7.97	1.2	2.84	96.0
1147	7/20/2010 10:01	16.24	51.39	33.81	7.75	7.98	1.3	2.80	96.9
1148	7/20/2010 10:16	16.38	51.48	33.87	7.70	7.97	2.0	2.77	96.6
1149	7/20/2010 10:31	16.67	51.51	33.90	7.67	7.97	2.3	2.73	96.8
1150	7/20/2010 10:46	16.84	51.48	33.88	7.56	7.96	2.4	2.67	95.6
1151	7/20/2010 11:01	16.93	51.48	33.89	7.33	7.94	3.4	2.62	92.9
1152	7/20/2010 11:16	16.93	51.58	33.96	7.29	7.92	3.0	2.58	92.4
1153	7/20/2010 11:31	16.98	51.52	33.92	7.28	7.93	3.1	2.52	92.4
1154	7/20/2010 11:46	17.05	51.57	33.95	7.33	7.93	2.9	2.47	93.2
1155	7/20/2010 12:01	17.11	51.61	33.98	7.36	7.94	2.9	2.43	93.7
1156	7/20/2010 12:16	17.29	51.60	33.97	7.24	8.10	2.2	2.39	92.4
1157	7/20/2010 12:31	17.40	51.60	33.97	7.29	7.94	2.9	2.35	93.3
1158	7/20/2010 12:46	17.53	51.60	33.98	7.37	7.94	2.9	2.32	94.5
1159	7/20/2010 13:01	17.63	51.60	33.98	7.36	7.95	2.1	2.30	94.6
1160	7/20/2010 13:16	17.71	51.59	33.97	7.48	7.95	1.8	2.29	96.3
1161	7/20/2010 13:31	17.61	51.57	33.96	7.64	7.93	2.7	2.29	98.2
1162	7/20/2010 13:46	17.64	51.58	33.97	7.49	7.94	2.1	2.28	96.3
1163	7/20/2010 14:01	17.69	51.52	33.92	7.52	7.98	2.1	2.31	96.7
1164	7/20/2010 14:16	17.72	51.58	33.97	7.53	7.98	2.1	2.33	97.0
1165	7/20/2010 14:31	17.58	51.56	33.95	7.45	7.95	2.1	2.36	95.6

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			
1166	7/20/2010 14:46	17.54	51.57	33.96	7.57	7.95	2.3	2.41	97.1
1167	7/20/2010 15:01	17.41	51.56	33.95	7.50	7.95	2.6	2.45	96.0
1168	7/20/2010 15:16	17.36	51.53	33.92	7.63	7.96	2.3	2.50	97.6
1169	7/20/2010 15:31	17.25	51.51	33.91	7.68	7.96	2.1	2.55	98.0
1170	7/20/2010 15:46	17.15	51.51	33.91	7.68	7.96	2.0	2.61	97.7
1171	7/20/2010 16:01	17.07	51.47	33.88	7.74	7.96	2.2	2.68	98.4
1172	7/20/2010 16:16	16.89	51.46	33.87	7.86	7.97	2.4	2.73	99.6
1173	7/20/2010 16:31	16.53	51.44	33.85	8.03	7.98	2.4	2.79	101.1
1174	7/20/2010 16:46	16.27	51.41	33.82	8.19	7.98	2.5	2.87	102.5
1175	7/20/2010 17:01	16.12	51.44	33.84	8.32	7.99	3.1	2.93	103.8
1176	7/20/2010 17:16	15.75	51.44	33.83	8.44	7.99	2.6	2.99	104.6
1177	7/20/2010 17:31	15.68	51.44	33.84	8.52	8.00	2.7	3.06	105.4
1178	7/20/2010 17:46	15.40	51.45	33.83	8.57	8.00	2.8	3.14	105.4
1179	7/20/2010 18:01	15.26	51.45	33.83	8.60	8.00	2.9	3.21	105.5
1180	7/20/2010 18:16	15.22	51.45	33.83	8.65	8.00	2.9	3.27	106.1
1181	7/20/2010 18:31	14.64	51.47	33.83	8.79	8.01	3.8	3.36	106.5
1182	7/20/2010 18:46	14.26	51.48	33.82	8.93	8.02	4.2	3.42	107.3
1183	7/20/2010 19:01	14.22	51.47	33.82	9.00	8.02	3.7	3.48	108.1
1184	7/20/2010 19:16	14.12	51.48	33.82	9.08	8.03	3.7	3.53	108.8
1185	7/20/2010 19:31	13.84	51.47	33.80	9.23	8.03	3.2	3.58	110.0
1186	7/20/2010 19:46	13.56	51.47	33.79	9.38	8.04	2.9	3.62	111.2
1187	7/20/2010 20:01	13.36	51.40	33.74	9.47	8.04	1.5	3.64	111.7
1188	7/20/2010 20:16	13.82	51.48	33.81	9.13	8.03	2.2	3.65	108.8
1189	7/20/2010 20:31	13.52	51.48	33.80	9.03	8.02	1.2	3.65	106.9
1190	7/20/2010 20:46	13.48	51.49	33.81	9.23	8.23	1.2	3.61	109.2
1191	7/20/2010 21:01	13.68	51.44	33.78	9.11	8.03	2.5	3.57	108.2
1192	7/20/2010 21:16	14.26	51.45	33.80	8.86	8.02	2.2	3.53	106.5
1193	7/20/2010 21:31	14.86	51.43	33.81	8.57	8.01	3.7	3.46	104.3
1194	7/20/2010 21:46	14.89	51.38	33.77	8.45	8.00	4.0	3.38	102.9
1195	7/20/2010 22:01	15.42	51.38	33.79	8.39	8.01	4.3	3.29	103.2
1196	7/20/2010 22:16	15.74	51.41	33.81	8.54	8.02	4.5	3.21	105.8
1197	7/20/2010 22:31	15.78	51.51	33.89	8.51	8.02	3.8	3.11	105.6
1198	7/20/2010 22:46	16.02	51.39	33.81	8.46	8.00	4.6	3.01	105.3
1199	7/20/2010 23:01	16.32	51.45	33.85	8.38	8.01	4.2	2.92	104.9
1200	7/20/2010 23:16	16.72	51.46	33.86	8.26	8.01	4.5	2.81	104.3
1201	7/20/2010 23:31	16.87	51.44	33.85	8.15	8.17	5.1	2.71	103.1
1202	7/20/2010 23:46	16.96	51.45	33.86	8.05	7.98	5.0	2.59	102.1
1203	7/21/2010 0:01	16.78	51.45	33.86	7.95	7.99	6.7	2.48	100.5
1204	7/21/2010 0:16	16.40	51.52	33.90	7.84	7.98	5.7	2.37	98.4
1205	7/21/2010 0:31	16.22	51.55	33.92	7.75	7.96	6.8	2.24	97.0
1206	7/21/2010 0:46	16.47	51.62	33.98	7.65	7.96	6.0	2.12	96.1
1207	7/21/2010 1:01	16.48	51.57	33.94	7.54	7.95	4.8	2.01	94.8
1208	7/21/2010 1:16	16.75	51.61	33.98	7.44	7.95	5.1	1.87	94.0
1209	7/21/2010 1:31	16.93	51.61	33.98	7.37	7.94	4.6	1.76	93.4
1210	7/21/2010 1:46	17.20	51.60	33.97	7.28	7.94	4.4	1.65	92.8
1211	7/21/2010 2:01	17.40	51.64	34.01	7.21	7.94	4.3	1.55	92.4
1212	7/21/2010 2:16	17.58	51.65	34.02	7.15	7.94	3.7	1.47	91.9
1213	7/21/2010 2:31	17.86	51.69	34.05	7.09	7.94	4.0	1.39	91.6
1214	7/21/2010 2:46	17.82	51.71	34.06	7.06	7.93	4.2	1.35	91.1
1215	7/21/2010 3:01	18.23	51.76	34.10	7.01	7.93	3.5	1.33	91.2
1216	7/21/2010 3:16	17.98	51.70	34.06	6.89	7.93	3.2	1.33	89.2
1217	7/21/2010 3:31	18.32	51.76	34.11	7.15	7.95	3.5	1.36	93.2
1218	7/21/2010 3:46	18.23	51.76	34.10	7.15	7.95	3.1	1.38	93.1

sonde #3		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth	
			mS/cm	Salinity ppt	mg/L	pH		meters	DO%
1219	7/21/2010 4:01	18.27	51.76	34.10	7.16	7.95	3.2	1.44	93.2
1220	7/21/2010 4:16	18.28	51.75	34.10	7.16	7.95	3.5	1.48	93.3
1221	7/21/2010 4:31	18.22	51.74	34.09	7.16	7.95	3.7	1.53	93.2
1222	7/21/2010 4:46	18.18	51.63	34.01	7.06	7.93	4.8	1.60	91.8
1223	7/21/2010 5:01	18.23	51.45	33.87	6.93	7.92	6.8	1.67	90.1
1224	7/21/2010 5:16	18.19	51.44	33.87	6.89	7.91	6.5	1.73	89.5
1225	7/21/2010 5:31	18.14	51.47	33.89	6.93	7.92	6.5	1.79	89.8
1226	7/21/2010 5:46	18.03	51.54	33.94	7.01	7.93	5.1	1.88	90.8
1227	7/21/2010 6:01	17.91	51.58	33.97	7.06	7.93	4.5	1.94	91.2
1228	7/21/2010 6:16	17.86	51.55	33.94	7.06	7.93	3.9	2.00	91.1
1229	7/21/2010 6:31	17.81	51.57	33.96	7.06	7.93	4.2	2.08	91.1
1230	7/21/2010 6:46	17.56	51.54	33.94	7.16	7.94	3.8	2.16	91.9
1231	7/21/2010 7:01	17.36	51.56	33.95	7.30	7.94	3.4	2.23	93.3
1232	7/21/2010 7:16	17.29	51.56	33.94	7.30	7.95	3.6	2.30	93.2
1233	7/21/2010 7:31	17.16	51.55	33.93	7.35	7.94	3.4	2.38	93.6
1234	7/21/2010 7:46	16.86	51.53	33.92	7.47	7.96	3.5	2.46	94.6
1235	7/21/2010 8:01	16.77	51.54	33.92	7.47	7.95	3.4	2.51	94.5
1236	7/21/2010 8:16	16.66	51.50	33.90	7.52	7.96	3.0	2.58	94.8
1237	7/21/2010 8:31	16.47	51.43	33.84	7.60	7.96	3.1	2.64	95.4
1238	7/21/2010 8:46	16.34	51.42	33.83	7.64	7.96	3.1	2.69	95.7
1239	7/21/2010 9:01	16.30	51.43	33.84	7.64	7.96	2.6	2.74	95.6
1240	7/21/2010 9:16	16.19	51.47	33.86	7.69	7.96	2.7	2.79	96.0
1241	7/21/2010 9:31	16.13	51.44	33.84	7.71	7.96	2.8	2.82	96.1
1242	7/21/2010 9:46	15.90	51.43	33.83	7.82	7.97	2.3	2.87	97.1
1243	7/21/2010 10:01	15.74	51.45	33.84	7.84	7.97	2.0	2.90	97.1
1244	7/21/2010 10:16	15.77	51.43	33.83	7.81	7.97	1.8	2.91	96.8
1245	7/21/2010 10:31	15.73	51.41	33.81	7.77	7.97	1.3	2.93	96.2
1246	7/21/2010 10:46	15.83	51.47	33.86	7.43	7.96	0.8	2.93	92.1
1247	7/21/2010 11:01	15.69	51.46	33.84	7.62	7.95	1.5	2.91	94.2
1248	7/21/2010 11:16	15.70	51.44	33.83	7.69	7.96	1.7	2.89	95.2
1249	7/21/2010 11:31	15.91	51.45	33.84	7.70	7.96	2.1	2.85	95.6
1250	7/21/2010 11:46	16.27	51.42	33.83	7.73	7.97	2.9	2.79	96.7
1251	7/21/2010 12:01	16.49	51.53	33.91	7.69	7.96	2.8	2.74	96.7
1252	7/21/2010 12:16	16.60	51.54	33.93	7.69	7.96	3.1	2.69	96.9
1253	7/21/2010 12:31	16.77	51.54	33.93	7.81	7.96	3.1	2.64	98.8
1254	7/21/2010 12:46	16.77	51.54	33.93	7.80	7.97	3.1	2.57	98.5
1255	7/21/2010 13:01	16.88	51.50	33.90	7.68	7.97	2.6	2.53	97.2
1256	7/21/2010 13:16	16.88	51.53	33.92	7.55	7.95	2.0	2.50	95.6
1257	7/21/2010 13:31	16.98	51.54	33.93	7.45	7.95	2.8	2.45	94.6
1258	7/21/2010 13:46	17.10	51.53	33.93	7.38	7.95	1.9	2.41	93.9
1259	7/21/2010 14:01	17.20	51.56	33.95	7.35	7.96	1.1	2.39	93.8
1260	7/21/2010 14:16	17.26	51.58	33.96	7.52	7.96	1.2	2.38	95.9
1261	7/21/2010 14:31	17.14	51.55	33.94	7.85	7.97	3.4	2.35	100.0
1262	7/21/2010 14:46	17.19	51.52	33.92	7.85	7.97	2.5	2.37	100.1
1263	7/21/2010 15:01	17.24	51.57	33.96	7.84	7.97	2.6	2.36	100.0
1264	7/21/2010 15:16	17.15	51.54	33.93	7.94	7.98	3.2	2.38	101.2
1265	7/21/2010 15:31	17.19	51.54	33.93	7.80	7.97	2.9	2.42	99.4
1266	7/21/2010 15:46	17.25	51.55	33.94	7.81	7.97	2.7	2.43	99.7
1267	7/21/2010 16:01	17.24	51.54	33.93	7.81	7.97	2.1	2.49	99.6
1268	7/21/2010 16:16	17.04	51.52	33.91	7.76	7.96	2.9	2.53	98.6
1269	7/21/2010 16:31	16.95	51.49	33.89	7.73	7.96	2.1	2.59	98.0
1270	7/21/2010 16:46	16.85	51.48	33.89	7.83	7.96	2.6	2.64	99.1
1271	7/21/2010 17:01	16.70	51.47	33.88	7.99	7.97	2.6	2.70	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			
1272	7/21/2010 17:16	16.54	51.47	33.87	8.05	7.98	2.8	2.77	101.3
1273	7/21/2010 17:31	16.36	51.46	33.86	7.93	7.97	3.0	2.82	99.4
1274	7/21/2010 17:46	16.20	51.44	33.84	8.08	7.98	3.2	2.89	100.9
1275	7/21/2010 18:01	15.54	51.45	33.84	8.34	7.99	3.5	2.96	102.8
1276	7/21/2010 18:16	15.12	51.42	33.81	8.50	8.00	3.4	3.03	104.0
1277	7/21/2010 18:31	14.90	51.45	33.82	8.53	8.00	3.3	3.10	103.9
1278	7/21/2010 18:46	14.75	51.46	33.83	8.41	7.99	3.2	3.17	102.1
1279	7/21/2010 19:01	14.60	51.45	33.81	8.57	8.00	3.8	3.25	103.8
1280	7/21/2010 19:16	14.20	51.50	33.84	8.68	8.01	4.2	3.31	104.3
1281	7/21/2010 19:31	13.71	51.51	33.83	8.76	8.20	4.5	3.38	104.2
1282	7/21/2010 19:46	13.46	51.55	33.85	8.74	8.00	4.8	3.45	103.4
1283	7/21/2010 20:01	13.18	51.55	33.84	8.80	8.20	4.1	3.50	103.5
1284	7/21/2010 20:16	13.05	51.58	33.86	8.80	8.00	3.2	3.56	103.2
1285	7/21/2010 20:31	12.96	51.59	33.86	8.80	8.00	3.2	3.61	103.0
1286	7/21/2010 20:46	12.73	51.59	33.85	8.84	8.01	2.0	3.63	103.0
1287	7/21/2010 21:01	12.59	51.67	33.90	8.76	8.00	2.4	3.66	101.9
1288	7/21/2010 21:16	12.50	51.63	33.87	8.74	8.00	1.6	3.67	101.4
1289	7/21/2010 21:31	12.67	51.67	33.91	8.51	7.99	1.0	3.65	99.1
1290	7/21/2010 21:46	12.65	51.62	33.87	8.62	7.99	2.3	3.63	100.3
1291	7/21/2010 22:01	12.74	51.60	33.86	8.59	7.99	2.1	3.59	100.1
1292	7/21/2010 22:16	14.57	51.44	33.80	8.13	7.99	3.2	3.52	98.4
1293	7/21/2010 22:31	14.46	51.47	33.82	8.07	7.98	3.5	3.45	97.4
1294	7/21/2010 22:46	14.89	51.44	33.81	8.03	7.98	3.8	3.36	97.7
1295	7/21/2010 23:01	14.92	51.45	33.82	8.24	7.98	3.8	3.27	100.4
1296	7/21/2010 23:16	15.02	51.52	33.88	8.18	7.98	4.5	3.17	99.8
1297	7/21/2010 23:31	15.14	51.52	33.88	8.13	7.99	5.7	3.07	99.5
1298	7/21/2010 23:46	15.51	51.42	33.81	8.08	7.98	3.5	2.98	99.6
1299	7/22/2010 0:01	15.82	51.45	33.85	7.95	7.97	4.0	2.87	98.6
1300	7/22/2010 0:16	16.07	51.50	33.88	7.85	7.97	5.2	2.76	97.9
1301	7/22/2010 0:31	16.59	51.55	33.93	7.93	8.16	5.0	2.65	99.9
1302	7/22/2010 0:46	16.68	51.53	33.92	7.83	7.98	4.9	2.55	98.8
1303	7/22/2010 1:01	16.53	51.51	33.90	7.88	7.98	4.6	2.43	99.1
1304	7/22/2010 1:16	16.23	51.55	33.93	7.67	7.96	5.3	2.30	95.9
1305	7/22/2010 1:31	16.03	51.57	33.94	7.58	7.95	6.6	2.19	94.5
1306	7/22/2010 1:46	16.18	51.59	33.95	7.48	7.94	5.4	2.06	93.5
1307	7/22/2010 2:01	16.20	51.58	33.95	7.38	7.93	7.0	1.92	92.3
1308	7/22/2010 2:16	16.34	51.60	33.96	7.30	7.92	5.4	1.80	91.6
1309	7/22/2010 2:31	16.55	51.62	33.98	7.21	7.92	4.6	1.68	90.8
1310	7/22/2010 2:46	16.65	51.56	33.94	7.15	7.92	4.4	1.56	90.2
1311	7/22/2010 3:01	16.79	51.61	33.97	7.12	7.92	4.0	1.47	90.1
1312	7/22/2010 3:16	16.95	51.62	33.99	7.05	7.92	3.8	1.37	89.4
1313	7/22/2010 3:31	17.21	51.63	34.00	7.03	7.92	3.8	1.30	89.7
1314	7/22/2010 3:46	17.15	51.64	34.00	6.94	7.91	3.3	1.26	88.4
1315	7/22/2010 4:01	17.24	51.66	34.02	7.03	7.92	3.3	1.22	89.7
1316	7/22/2010 4:16	17.05	51.64	34.00	6.98	7.91	2.8	1.23	88.7
1317	7/22/2010 4:31	17.17	51.65	34.01	7.00	7.92	2.9	1.27	89.2
1318	7/22/2010 4:46	17.39	51.72	34.06	7.08	7.92	2.6	1.29	90.7
1319	7/22/2010 5:01	17.62	51.71	34.06	7.12	7.93	2.8	1.36	91.6
1320	7/22/2010 5:16	17.73	51.73	34.08	7.21	7.94	3.1	1.43	92.9
1321	7/22/2010 5:31	17.67	51.72	34.07	7.18	7.93	3.1	1.48	92.4
1322	7/22/2010 5:46	17.59	51.65	34.01	7.13	7.92	4.2	1.55	91.6
1323	7/22/2010 6:01	17.57	51.42	33.85	6.99	7.91	6.5	1.63	89.7
1324	7/22/2010 6:16	17.56	51.43	33.85	7.00	7.91	5.7	1.69	89.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth	
			mS/cm	Salinity ppt	mg/L	pH		meters	DO%
1325	7/22/2010 6:31	17.51	51.47	33.88	6.99	7.91	5.3	1.77	89.6
1326	7/22/2010 6:46	17.41	51.51	33.91	7.09	7.92	4.5	1.84	90.7
1327	7/22/2010 7:01	17.27	51.56	33.95	7.09	7.92	3.8	1.91	90.5
1328	7/22/2010 7:16	17.19	51.57	33.95	7.11	7.92	3.7	1.98	90.6
1329	7/22/2010 7:31	17.11	51.57	33.95	7.12	7.92	3.8	2.06	90.6
1330	7/22/2010 7:46	16.93	51.55	33.94	7.15	7.93	3.7	2.15	90.7
1331	7/22/2010 8:01	16.79	51.54	33.92	7.21	7.93	4.2	2.24	91.1
1332	7/22/2010 8:16	16.70	51.55	33.93	7.22	7.93	3.8	2.32	91.1
1333	7/22/2010 8:31	16.62	51.56	33.94	7.26	7.93	4.0	2.40	91.5
1334	7/22/2010 8:46	16.51	51.55	33.93	7.30	7.93	4.1	2.48	91.8
1335	7/22/2010 9:01	16.37	51.53	33.92	7.34	7.94	3.7	2.56	92.1
1336	7/22/2010 9:16	16.26	51.53	33.91	7.38	7.94	3.5	2.62	92.4
1337	7/22/2010 9:31	16.13	51.50	33.89	7.41	7.94	3.2	2.69	92.5
1338	7/22/2010 9:46	15.95	51.49	33.88	7.47	7.94	3.4	2.75	92.9
1339	7/22/2010 10:01	15.70	51.44	33.84	7.57	7.94	3.2	2.81	93.7
1340	7/22/2010 10:16	15.39	51.43	33.82	7.71	7.95	3.6	2.87	94.8
1341	7/22/2010 10:31	15.27	51.44	33.83	7.73	7.95	2.5	2.91	94.9
1342	7/22/2010 10:46	15.09	51.45	33.83	7.78	7.95	2.3	2.96	95.2
Mean		16.22	51.50	33.88	8.42	8.02	4.8	2.50	105.0
Minimum		11.65	49.27	32.27	5.86	7.74	0.0	0.51	75.4
Maximum		19.47	51.90	34.17	10.88	8.29	18.4	4.03	132.4

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

Block of data removed from afternoon of July 15: sonde housing cleaning required removal of sonde

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	
0	7/22/2010 11:16	14.21	51.25	33.65	8.15	7.97	0.8	3.00	97.8
1	7/22/2010 11:31	14.13	51.32	33.70	8.14	8.02	0.4	3.01	97.5
2	7/22/2010 11:46	14.59	51.40	33.77	7.97	7.98	0.5	3.02	96.4
3	7/22/2010 12:01	14.39	51.27	33.68	7.96	7.98	0.6	3.00	95.8
4	7/22/2010 12:16	14.72	51.23	33.65	7.86	7.99	2.1	2.96	95.3
5	7/22/2010 12:31	15.05	51.28	33.70	7.83	7.99	1.9	2.92	95.5
6	7/22/2010 12:46	15.62	51.25	33.69	7.90	7.99	2.2	2.88	97.5
7	7/22/2010 13:01	15.64	51.25	33.69	8.12	8.00	2.0	2.83	100.3
8	7/22/2010 13:16	16.30	51.22	33.68	8.24	8.02	2.4	2.76	103.1
9	7/22/2010 13:31	16.28	51.24	33.70	8.03	8.00	2.3	2.71	100.4
10	7/22/2010 13:46	16.34	51.31	33.75	8.06	8.00	1.6	2.66	101.0
11	7/22/2010 14:01	16.52	51.32	33.76	7.97	7.99	1.9	2.60	100.1
12	7/22/2010 14:16	16.69	51.34	33.78	7.87	7.99	1.5	2.56	99.3
13	7/22/2010 14:31	16.77	51.37	33.80	7.70	7.99	1.3	2.53	97.3
14	7/22/2010 14:46	16.96	51.38	33.81	7.81	7.99	1.4	2.48	99.0
15	7/22/2010 15:01	17.11	51.38	33.81	7.76	7.99	0.9	2.44	98.6
16	7/22/2010 15:16	17.27	51.28	33.74	7.74	8.00	0.2	2.41	98.7
17	7/22/2010 15:31	17.49	51.32	33.77	8.15	8.01	1.0	2.41	104.4
18	7/22/2010 15:46	17.58	51.43	33.85	8.12	8.02	1.0	2.39	104.2
19	7/22/2010 16:01	17.56	51.34	33.78	8.53	8.03	1.8	2.39	109.3
20	7/22/2010 16:16	17.23	51.30	33.75	8.10	8.00	1.2	2.42	103.2
21	7/22/2010 16:31	17.31	51.29	33.75	8.33	8.01	1.7	2.43	106.2
22	7/22/2010 16:46	17.42	51.35	33.80	8.34	8.02	1.8	2.46	106.7
23	7/22/2010 17:01	17.33	51.37	33.80	8.30	8.01	1.6	2.50	106.0
24	7/22/2010 17:16	17.15	51.35	33.79	8.21	8.01	2.1	2.55	104.4
25	7/22/2010 17:31	17.17	51.35	33.79	8.24	8.01	2.1	2.61	104.9
26	7/22/2010 17:46	16.85	51.33	33.77	8.23	8.01	2.1	2.66	104.1
27	7/22/2010 18:01	16.47	51.29	33.74	8.00	7.99	1.8	2.72	100.4
28	7/22/2010 18:16	16.00	51.25	33.70	8.02	8.00	2.0	2.80	99.7
29	7/22/2010 18:31	15.58	51.28	33.71	8.15	8.00	2.4	2.85	100.6
30	7/22/2010 18:46	15.08	51.27	33.70	8.33	8.01	2.4	2.92	101.7
31	7/22/2010 19:01	14.62	51.29	33.70	8.39	8.01	2.2	3.00	101.5
32	7/22/2010 19:16	14.57	51.25	33.66	8.43	8.02	2.7	3.06	101.9
33	7/22/2010 19:31	14.18	51.32	33.71	8.37	8.01	2.6	3.13	100.3
34	7/22/2010 19:46	14.14	51.30	33.69	8.37	8.01	2.3	3.21	100.4
35	7/22/2010 20:01	13.59	51.34	33.70	8.33	8.00	2.6	3.29	98.8
36	7/22/2010 20:16	13.46	51.43	33.76	8.53	8.01	3.7	3.36	100.9
37	7/22/2010 20:31	13.03	51.35	33.69	8.55	8.01	3.4	3.42	100.2
38	7/22/2010 20:46	12.71	51.50	33.78	8.61	8.00	3.0	3.50	100.3
39	7/22/2010 21:01	12.49	51.47	33.75	8.67	8.00	3.0	3.56	100.5
40	7/22/2010 21:16	12.39	51.49	33.76	8.66	8.00	1.8	3.60	100.2
41	7/22/2010 21:31	12.21	51.38	33.68	8.65	8.00	1.0	3.65	99.7
42	7/22/2010 21:46	12.15	51.57	33.81	8.67	8.00	1.0	3.69	99.8
43	7/22/2010 22:01	12.01	51.47	33.73	8.71	8.00	0.5	3.71	100.0
44	7/22/2010 22:16	12.41	51.32	33.64	8.54	8.00	0.8	3.70	98.8
45	7/22/2010 22:31	12.06	51.58	33.81	8.52	7.99	0.2	3.70	97.9
46	7/22/2010 22:46	12.07	51.55	33.79	8.59	7.99	0.5	3.67	98.7
47	7/22/2010 23:01	12.10	51.54	33.78	8.58	7.99	0.5	3.61	98.7
48	7/22/2010 23:16	14.25	51.41	33.77	8.12	8.01	4.4	3.54	97.6
49	7/22/2010 23:31	13.86	51.43	33.77	7.95	7.98	2.5	3.46	94.7
50	7/22/2010 23:46	14.56	51.37	33.76	7.94	8.00	2.9	3.36	96.1
51	7/23/2010 0:01	14.52	51.35	33.74	8.27	8.02	5.0	3.27	99.9
52	7/23/2010 0:16	14.61	51.31	33.71	8.29	8.01	3.3	3.16	100.4

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	
53	7/23/2010 0:31	14.52	51.35	33.74	8.22	8.01	3.6	3.05	99.2
54	7/23/2010 0:46	14.84	51.23	33.66	8.14	8.00	3.7	2.94	98.9
55	7/23/2010 1:01	15.19	51.26	33.69	8.01	8.00	4.0	2.83	98.1
56	7/23/2010 1:16	15.80	51.28	33.72	7.89	7.99	4.0	2.73	97.7
57	7/23/2010 1:31	16.11	51.39	33.81	7.83	7.99	3.0	2.61	97.7
58	7/23/2010 1:46	16.24	51.31	33.75	7.81	7.99	3.7	2.49	97.6
59	7/23/2010 2:01	16.00	51.29	33.73	7.84	7.99	3.6	2.37	97.5
60	7/23/2010 2:16	16.17	51.33	33.76	7.78	7.98	5.5	2.22	97.1
61	7/23/2010 2:31	16.02	51.41	33.82	7.66	7.98	4.9	2.10	95.3
62	7/23/2010 2:46	16.38	51.45	33.85	7.61	7.98	5.1	1.97	95.5
63	7/23/2010 3:01	16.34	51.36	33.79	7.57	7.97	5.2	1.84	94.8
64	7/23/2010 3:16	16.63	51.35	33.78	7.51	7.97	5.0	1.71	94.6
65	7/23/2010 3:31	16.83	51.46	33.87	7.51	7.97	4.3	1.58	95.0
66	7/23/2010 3:46	17.06	51.45	33.86	7.45	7.97	4.2	1.48	94.7
67	7/23/2010 4:01	17.32	51.42	33.85	7.46	7.97	4.2	1.37	95.2
68	7/23/2010 4:16	17.61	51.45	33.87	7.46	7.97	3.7	1.28	95.9
69	7/23/2010 4:31	17.69	51.46	33.87	7.39	7.97	3.0	1.23	95.1
70	7/23/2010 4:46	17.77	51.53	33.93	7.43	7.97	2.9	1.20	95.7
71	7/23/2010 5:01	17.61	51.61	33.99	7.35	7.96	3.8	1.18	94.5
72	7/23/2010 5:16	18.01	51.50	33.91	7.50	7.98	2.3	1.22	97.1
73	7/23/2010 5:31	17.98	51.51	33.91	7.55	7.98	2.2	1.26	97.7
74	7/23/2010 5:46	17.97	51.51	33.92	7.58	7.98	3.1	1.33	98.0
75	7/23/2010 6:01	17.96	51.51	33.92	7.61	7.98	2.9	1.38	98.4
76	7/23/2010 6:16	17.89	51.48	33.90	7.60	7.98	2.9	1.45	98.1
77	7/23/2010 6:31	18.08	51.25	33.72	7.46	7.97	5.9	1.53	96.5
78	7/23/2010 6:46	17.98	51.32	33.78	7.45	7.97	4.5	1.59	96.3
79	7/23/2010 7:01	17.94	51.25	33.72	7.41	7.97	4.5	1.66	95.7
80	7/23/2010 7:16	17.87	51.26	33.73	7.45	7.97	4.2	1.73	96.1
81	7/23/2010 7:31	17.72	51.32	33.78	7.47	7.97	3.8	1.82	96.1
82	7/23/2010 7:46	17.61	51.34	33.79	7.47	7.97	3.6	1.90	95.9
83	7/23/2010 8:01	17.54	51.34	33.79	7.49	7.97	3.8	1.98	96.0
84	7/23/2010 8:16	17.28	51.39	33.82	7.54	7.97	3.2	2.08	96.2
85	7/23/2010 8:31	17.06	51.28	33.73	7.52	7.97	3.7	2.17	95.5
86	7/23/2010 8:46	16.88	51.36	33.79	7.55	7.97	3.6	2.26	95.6
87	7/23/2010 9:01	16.78	51.42	33.84	7.55	7.97	3.5	2.35	95.4
88	7/23/2010 9:16	16.60	51.31	33.76	7.60	7.97	3.4	2.44	95.6
89	7/23/2010 9:31	16.42	51.27	33.72	7.62	7.97	3.7	2.52	95.6
90	7/23/2010 9:46	16.28	51.32	33.76	7.64	7.97	3.4	2.60	95.6
91	7/23/2010 10:01	16.03	51.32	33.75	7.67	7.97	3.3	2.68	95.4
92	7/23/2010 10:16	15.82	51.22	33.68	7.68	7.97	3.8	2.75	95.2
93	7/23/2010 10:31	15.44	51.30	33.72	7.77	7.97	4.5	2.82	95.6
94	7/23/2010 10:46	15.11	51.35	33.76	7.86	7.97	4.8	2.89	96.1
95	7/23/2010 11:01	14.95	51.25	33.68	7.91	7.97	3.5	2.94	96.3
96	7/23/2010 11:16	14.53	51.40	33.78	8.00	7.97	3.1	3.00	96.7
97	7/23/2010 11:31	14.09	51.24	33.65	8.15	7.97	3.3	3.04	97.6
98	7/23/2010 11:46	13.85	51.36	33.72	8.19	7.98	2.4	3.08	97.6
99	7/23/2010 12:01	13.70	51.44	33.78	8.27	7.99	2.0	3.11	98.3
100	7/23/2010 12:16	13.64	51.15	33.57	8.26	7.99	1.0	3.13	97.9
101	7/23/2010 12:31	13.71	51.05	33.50	8.11	7.97	0.7	3.13	96.2
102	7/23/2010 12:46	13.75	51.35	33.72	8.13	7.97	1.8	3.12	96.6
103	7/23/2010 13:01	13.86	51.42	33.77	8.09	7.97	1.8	3.08	96.5
104	7/23/2010 13:16	14.08	51.35	33.72	8.02	7.97	2.0	3.04	96.0
105	7/23/2010 13:31	14.66	51.32	33.72	8.06	7.98	3.0	2.98	97.7

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	
106	7/23/2010 13:46	15.13	51.38	33.78	8.06	7.98	3.8	2.92	98.6
107	7/23/2010 14:01	15.89	51.22	33.67	8.33	8.01	3.3	2.86	103.3
108	7/23/2010 14:16	16.20	51.35	33.77	8.35	8.00	3.1	2.79	104.3
109	7/23/2010 14:31	16.45	51.11	33.60	8.44	8.01	2.7	2.72	105.9
110	7/23/2010 14:46	16.61	51.20	33.67	8.44	8.02	2.3	2.67	106.2
111	7/23/2010 15:01	16.80	51.33	33.77	8.40	8.02	1.8	2.61	106.2
112	7/23/2010 15:16	16.91	51.32	33.76	8.37	8.01	1.6	2.57	106.0
113	7/23/2010 15:31	17.07	51.14	33.63	8.47	8.02	1.8	2.52	107.5
114	7/23/2010 15:46	17.23	51.18	33.66	8.60	8.03	1.4	2.48	109.4
115	7/23/2010 16:01	17.40	51.26	33.73	8.87	8.05	1.2	2.45	113.4
116	7/23/2010 16:16	17.62	51.33	33.78	9.04	8.06	1.6	2.42	116.0
117	7/23/2010 16:31	18.03	51.20	33.69	8.99	8.06	1.2	2.42	116.3
118	7/23/2010 16:46	17.81	51.34	33.79	9.42	8.07	2.6	2.40	121.3
119	7/23/2010 17:01	17.77	51.38	33.82	9.14	8.06	2.1	2.42	117.7
120	7/23/2010 17:16	17.68	51.40	33.83	8.77	8.04	1.4	2.43	112.8
121	7/23/2010 17:31	17.53	51.37	33.81	8.83	8.04	2.1	2.45	113.2
122	7/23/2010 17:46	17.54	51.34	33.78	8.77	8.03	2.2	2.51	112.5
123	7/23/2010 18:01	17.41	51.35	33.79	8.67	8.02	2.7	2.54	110.8
124	7/23/2010 18:16	17.25	51.38	33.81	8.64	8.02	2.5	2.60	110.2
125	7/23/2010 18:31	17.04	51.38	33.81	8.58	8.02	3.7	2.66	108.9
126	7/23/2010 18:46	16.79	51.33	33.77	8.57	8.02	2.1	2.72	108.3
127	7/23/2010 19:01	16.45	51.15	33.64	8.39	8.00	2.5	2.80	105.2
128	7/23/2010 19:16	15.88	51.22	33.67	8.35	7.99	2.2	2.85	103.6
129	7/23/2010 19:31	15.54	51.09	33.57	8.35	7.99	2.3	2.93	102.8
130	7/23/2010 19:46	15.18	51.11	33.58	8.44	7.99	2.5	3.01	103.2
131	7/23/2010 20:01	14.60	51.15	33.59	8.47	7.99	2.9	3.07	102.4
132	7/23/2010 20:16	14.39	51.15	33.59	8.47	7.99	2.3	3.15	102.0
133	7/23/2010 20:31	13.83	51.34	33.71	8.68	7.99	3.8	3.23	103.4
134	7/23/2010 20:46	13.25	51.52	33.82	8.89	7.99	3.9	3.31	104.7
135	7/23/2010 21:01	12.89	51.54	33.82	9.15	8.00	4.9	3.38	107.0
136	7/23/2010 21:16	12.59	51.44	33.73	9.53	8.01	4.5	3.45	110.7
137	7/23/2010 21:31	12.31	51.57	33.82	9.66	8.02	3.6	3.52	111.6
138	7/23/2010 21:46	12.03	51.57	33.80	9.72	8.02	3.1	3.59	111.6
139	7/23/2010 22:01	11.90	51.52	33.76	9.76	8.02	2.3	3.64	111.8
140	7/23/2010 22:16	11.80	51.54	33.77	9.79	8.03	1.8	3.68	111.8
141	7/23/2010 22:31	11.76	51.57	33.79	9.81	8.03	1.8	3.72	112.0
142	7/23/2010 22:46	11.74	51.48	33.72	9.83	8.03	1.3	3.74	112.1
143	7/23/2010 23:01	11.88	51.74	33.91	9.65	8.01	1.8	3.74	110.6
144	7/23/2010 23:16	11.86	51.56	33.79	9.60	8.01	0.6	3.74	109.9
145	7/23/2010 23:31	11.75	51.56	33.78	9.82	8.02	1.0	3.70	112.0
146	7/23/2010 23:46	11.80	51.61	33.82	9.72	8.02	1.5	3.66	111.1
147	7/24/2010 0:01	13.03	51.39	33.72	9.10	8.01	1.6	3.59	106.7
148	7/24/2010 0:16	13.46	51.55	33.85	8.53	7.97	2.9	3.50	100.9
149	7/24/2010 0:31	13.51	51.57	33.87	8.78	8.00	3.2	3.41	104.0
150	7/24/2010 0:46	14.28	51.48	33.83	8.57	7.99	5.0	3.31	103.0
151	7/24/2010 1:01	14.23	51.50	33.84	8.83	8.01	4.9	3.21	106.2
152	7/24/2010 1:16	14.35	51.41	33.78	8.66	8.00	3.1	3.09	104.3
153	7/24/2010 1:31	14.54	51.48	33.83	8.41	7.99	4.6	2.98	101.7
154	7/24/2010 1:46	15.08	50.98	33.48	8.23	7.99	4.7	2.86	100.3
155	7/24/2010 2:01	15.53	51.23	33.67	8.14	7.98	4.7	2.75	100.2
156	7/24/2010 2:16	16.16	51.42	33.83	7.92	7.99	4.3	2.61	98.8
157	7/24/2010 2:31	16.00	51.42	33.83	7.93	7.98	4.2	2.49	98.7
158	7/24/2010 2:46	15.91	51.20	33.66	7.98	7.98	4.0	2.37	99.1

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	
159	7/24/2010 3:01	16.34	51.47	33.87	8.03	7.99	4.6	2.24	100.6
160	7/24/2010 3:16	16.26	51.34	33.77	7.94	7.98	4.5	2.09	99.3
161	7/24/2010 3:31	16.24	51.34	33.77	7.84	7.98	5.1	1.96	97.9
162	7/24/2010 3:46	16.49	51.39	33.81	7.80	7.97	5.1	1.83	98.1
163	7/24/2010 4:01	16.74	51.44	33.85	7.66	7.97	4.6	1.70	96.8
164	7/24/2010 4:16	16.90	51.23	33.70	7.59	7.96	4.3	1.56	96.1
165	7/24/2010 4:31	17.36	51.41	33.83	7.64	7.98	3.8	1.45	97.6
166	7/24/2010 4:46	17.46	51.36	33.80	7.60	7.98	3.5	1.34	97.3
167	7/24/2010 5:01	17.73	51.43	33.86	7.60	7.98	3.5	1.25	97.8
168	7/24/2010 5:16	17.85	51.46	33.88	7.50	7.97	4.2	1.19	96.8
169	7/24/2010 5:31	18.09	51.44	33.86	7.52	7.97	3.3	1.15	97.5
170	7/24/2010 5:46	17.85	51.52	33.93	7.45	7.97	3.9	1.17	96.2
171	7/24/2010 6:01	18.41	51.45	33.87	7.66	7.99	2.3	1.19	99.9
172	7/24/2010 6:16	18.31	51.36	33.80	7.69	7.99	2.3	1.24	100.1
173	7/24/2010 6:31	18.36	51.37	33.81	7.75	8.00	2.5	1.32	100.9
174	7/24/2010 6:46	18.33	51.26	33.74	7.80	8.00	2.3	1.38	101.5
175	7/24/2010 7:01	18.27	51.46	33.88	7.76	8.00	2.7	1.46	100.9
176	7/24/2010 7:16	18.31	51.33	33.78	7.59	7.98	5.4	1.52	98.8
177	7/24/2010 7:31	18.24	51.37	33.81	7.53	7.98	4.7	1.61	97.8
178	7/24/2010 7:46	18.14	51.31	33.77	7.53	7.98	4.9	1.67	97.6
179	7/24/2010 8:01	18.01	51.35	33.80	7.62	7.98	4.3	1.76	98.6
180	7/24/2010 8:16	17.82	51.43	33.85	7.63	7.98	3.1	1.85	98.4
181	7/24/2010 8:31	17.71	51.30	33.76	7.63	7.98	3.2	1.91	98.2
182	7/24/2010 8:46	17.57	51.36	33.81	7.67	7.98	3.2	2.01	98.3
183	7/24/2010 9:01	17.31	51.39	33.82	7.68	7.97	3.4	2.10	98.0
184	7/24/2010 9:16	17.05	51.30	33.75	7.68	7.97	4.0	2.21	97.6
185	7/24/2010 9:31	16.92	51.43	33.85	7.67	7.97	3.9	2.30	97.2
186	7/24/2010 9:46	16.76	51.44	33.85	7.69	7.97	3.7	2.39	97.2
187	7/24/2010 10:01	16.58	51.34	33.78	7.71	7.97	3.8	2.49	97.1
188	7/24/2010 10:16	16.40	51.42	33.83	7.74	7.97	4.4	2.58	97.1
189	7/24/2010 10:31	16.12	51.32	33.75	7.79	7.96	4.5	2.66	97.2
190	7/24/2010 10:46	15.88	51.40	33.81	7.82	7.96	4.2	2.73	97.2
191	7/24/2010 11:01	15.46	51.34	33.75	7.97	7.96	5.2	2.81	98.1
192	7/24/2010 11:16	15.13	51.26	33.69	8.08	7.97	5.4	2.88	98.7
193	7/24/2010 11:31	14.90	51.35	33.75	8.18	7.97	4.9	2.94	99.6
194	7/24/2010 11:46	14.29	51.43	33.79	8.47	7.98	4.5	3.01	101.9
195	7/24/2010 12:01	13.86	51.41	33.76	8.73	7.99	4.5	3.06	104.1
196	7/24/2010 12:16	13.58	51.41	33.75	8.96	8.00	3.4	3.11	106.2
197	7/24/2010 12:31	13.38	51.40	33.74	9.12	8.01	3.1	3.15	107.7
198	7/24/2010 12:46	13.31	51.41	33.74	9.20	8.01	1.8	3.18	108.5
199	7/24/2010 13:01	13.75	51.29	33.67	9.12	8.01	2.4	3.18	108.4
200	7/24/2010 13:16	13.51	51.26	33.64	9.10	8.01	1.8	3.18	107.6
201	7/24/2010 13:31	13.48	51.51	33.82	9.07	8.00	1.5	3.16	107.4
202	7/24/2010 13:46	13.61	51.52	33.83	8.97	7.96	2.1	3.10	106.5
203	7/24/2010 14:01	14.43	51.25	33.66	8.82	8.00	2.6	3.06	106.3
204	7/24/2010 14:16	14.86	51.41	33.79	8.77	8.00	2.7	2.98	106.7
205	7/24/2010 14:31	15.94	51.20	33.66	8.86	8.02	2.9	2.92	110.1
206	7/24/2010 14:46	16.34	51.01	33.53	8.93	8.03	2.6	2.85	111.7
207	7/24/2010 15:01	16.46	51.25	33.71	8.98	8.03	2.7	2.76	112.7
208	7/24/2010 15:16	16.88	51.36	33.79	9.17	8.05	2.5	2.71	116.1
209	7/24/2010 15:31	16.90	51.23	33.70	8.79	8.03	1.9	2.64	111.3
210	7/24/2010 15:46	17.17	51.31	33.76	9.04	8.04	2.4	2.58	115.0
211	7/24/2010 16:01	17.31	51.31	33.76	9.05	8.05	1.8	2.52	115.5

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	
212	7/24/2010 16:16	17.53	51.19	33.68	9.08	8.05	1.8	2.47	116.3
213	7/24/2010 16:31	17.68	51.35	33.80	9.32	8.07	1.5	2.44	119.8
214	7/24/2010 16:46	17.90	51.41	33.84	9.48	8.08	1.8	2.39	122.4
215	7/24/2010 17:01	18.03	51.34	33.79	9.68	8.09	1.8	2.36	125.2
216	7/24/2010 17:16	18.16	51.41	33.84	9.55	8.08	0.9	2.35	123.9
217	7/24/2010 17:31	18.19	51.21	33.70	10.13	8.12	2.9	2.34	131.4
218	7/24/2010 17:46	18.10	51.39	33.83	9.89	8.10	1.6	2.36	128.2
219	7/24/2010 18:01	18.03	51.37	33.81	9.42	8.07	1.5	2.37	121.9
220	7/24/2010 18:16	17.84	51.32	33.78	9.42	8.06	2.1	2.40	121.5
221	7/24/2010 18:31	18.03	51.32	33.78	9.22	8.06	2.1	2.45	119.3
222	7/24/2010 18:46	17.70	51.29	33.75	9.00	8.04	2.3	2.50	115.6
223	7/24/2010 19:01	18.03	51.33	33.79	8.98	8.04	3.7	2.56	116.2
224	7/24/2010 19:16	17.69	51.26	33.73	8.92	8.03	3.2	2.62	114.7
225	7/24/2010 19:31	17.25	51.26	33.73	8.96	8.03	2.4	2.69	114.2
226	7/24/2010 19:46	16.51	51.25	33.71	8.91	8.02	3.0	2.76	111.9
227	7/24/2010 20:01	15.95	51.29	33.73	8.88	8.01	2.6	2.83	110.4
228	7/24/2010 20:16	15.86	51.43	33.83	8.82	8.00	3.1	2.90	109.5
229	7/24/2010 20:31	14.99	51.39	33.78	8.98	8.00	3.2	2.98	109.5
230	7/24/2010 20:46	14.70	51.22	33.65	9.08	8.01	3.8	3.05	110.0
231	7/24/2010 21:01	14.55	51.35	33.74	9.11	8.01	3.3	3.13	110.1
232	7/24/2010 21:16	13.99	51.29	33.68	9.35	8.02	4.0	3.21	111.7
233	7/24/2010 21:31	13.51	51.38	33.72	9.62	8.03	4.3	3.29	113.9
234	7/24/2010 21:46	13.26	51.49	33.80	9.87	8.05	4.4	3.36	116.2
235	7/24/2010 22:01	13.03	51.49	33.79	10.30	8.07	4.5	3.44	120.7
236	7/24/2010 22:16	12.76	51.46	33.76	10.60	8.08	4.6	3.51	123.6
237	7/24/2010 22:31	12.63	51.33	33.66	10.77	8.10	4.5	3.57	125.1
238	7/24/2010 22:46	12.55	51.55	33.82	10.90	8.11	4.4	3.63	126.6
239	7/24/2010 23:01	12.42	51.53	33.79	11.11	8.12	2.4	3.68	128.6
240	7/24/2010 23:16	12.37	51.22	33.56	11.11	8.12	1.4	3.71	128.3
241	7/24/2010 23:31	12.34	51.19	33.54	11.06	8.12	1.3	3.74	127.7
242	7/24/2010 23:46	12.67	51.48	33.76	10.55	8.09	2.2	3.74	122.7
243	7/25/2010 0:01	12.52	51.55	33.81	10.69	8.10	0.7	3.73	124.0
244	7/25/2010 0:16	12.41	51.50	33.77	10.96	8.11	1.5	3.69	126.9
245	7/25/2010 0:31	12.46	51.48	33.75	10.95	8.11	1.6	3.63	126.8
246	7/25/2010 0:46	14.17	51.50	33.84	9.03	8.02	3.8	3.57	108.4
247	7/25/2010 1:01	13.82	51.44	33.78	9.00	8.01	2.9	3.48	107.2
248	7/25/2010 1:16	14.36	51.26	33.67	9.18	8.03	4.3	3.38	110.4
249	7/25/2010 1:31	14.16	51.28	33.68	9.39	8.04	4.6	3.27	112.6
250	7/25/2010 1:46	14.21	51.21	33.62	9.39	8.04	4.3	3.17	112.6
251	7/25/2010 2:01	14.45	51.23	33.65	9.24	8.03	4.0	3.05	111.4
252	7/25/2010 2:16	14.96	51.43	33.81	8.95	8.01	3.8	2.93	109.1
253	7/25/2010 2:31	15.42	51.05	33.54	8.59	8.00	4.3	2.82	105.5
254	7/25/2010 2:46	15.79	51.42	33.82	8.42	7.99	5.1	2.69	104.4
255	7/25/2010 3:01	16.23	50.94	33.47	8.27	7.99	4.6	2.59	103.2
256	7/25/2010 3:16	16.36	51.25	33.71	8.24	7.99	5.6	2.45	103.2
257	7/25/2010 3:31	16.34	51.24	33.70	8.31	7.99	6.7	2.31	104.0
258	7/25/2010 3:46	15.58	51.15	33.62	8.27	7.98	4.3	2.19	101.9
259	7/25/2010 4:01	16.21	51.34	33.77	8.20	7.98	4.8	2.05	102.4
260	7/25/2010 4:16	16.51	51.14	33.63	8.09	7.98	5.4	1.91	101.5
261	7/25/2010 4:31	16.82	51.33	33.77	7.92	7.98	4.9	1.78	100.1
262	7/25/2010 4:46	17.09	51.31	33.76	7.82	7.97	5.6	1.64	99.4
263	7/25/2010 5:01	17.52	51.40	33.83	7.81	7.98	4.2	1.52	100.1
264	7/25/2010 5:16	17.62	51.25	33.72	7.85	7.98	3.7	1.41	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	DO%
			mS/cm		mg/L		NTU	meters	
265	7/25/2010 5:31	17.83	51.48	33.89	7.74	7.98	3.7	1.31	99.9
266	7/25/2010 5:46	18.07	51.45	33.87	7.67	7.98	3.7	1.24	99.4
267	7/25/2010 6:01	18.26	51.42	33.85	7.63	7.98	3.2	1.19	99.2
268	7/25/2010 6:16	18.63	51.46	33.88	7.59	7.98	2.3	1.17	99.3
269	7/25/2010 6:31	18.20	51.49	33.90	7.56	7.97	2.6	1.18	98.2
270	7/25/2010 6:46	18.68	51.49	33.90	7.79	7.99	1.9	1.22	102.1
271	7/25/2010 7:01	18.55	51.56	33.96	7.81	7.99	2.1	1.29	102.2
272	7/25/2010 7:16	18.66	51.43	33.86	7.82	7.99	2.9	1.36	102.4
273	7/25/2010 7:31	18.60	51.34	33.80	7.83	7.99	2.6	1.43	102.4
274	7/25/2010 7:46	18.60	51.35	33.80	7.70	7.98	4.6	1.50	100.7
275	7/25/2010 8:01	18.60	51.27	33.74	7.48	7.97	5.7	1.58	97.8
276	7/25/2010 8:16	18.47	51.34	33.79	7.52	7.97	4.8	1.66	98.2
277	7/25/2010 8:31	18.36	51.34	33.79	7.60	7.97	4.3	1.74	98.9
278	7/25/2010 8:46	18.15	51.42	33.85	7.68	7.97	3.6	1.82	99.7
279	7/25/2010 9:01	18.00	51.36	33.81	7.71	7.97	3.4	1.92	99.7
280	7/25/2010 9:16	17.85	51.41	33.84	7.73	7.97	3.5	2.00	99.7
281	7/25/2010 9:31	17.51	51.39	33.82	7.80	7.98	3.4	2.10	100.0
282	7/25/2010 9:46	17.24	51.30	33.75	7.83	7.97	4.2	2.20	99.8
283	7/25/2010 10:01	17.04	51.43	33.85	7.87	7.97	3.6	2.29	100.0
284	7/25/2010 10:16	16.77	51.38	33.81	7.94	7.97	4.3	2.40	100.3
285	7/25/2010 10:31	16.67	51.30	33.75	7.98	7.97	3.5	2.49	100.6
286	7/25/2010 10:46	16.51	51.29	33.74	8.06	7.98	4.1	2.58	101.3
287	7/25/2010 11:01	16.18	51.36	33.78	8.17	7.98	4.4	2.67	102.0
288	7/25/2010 11:16	15.96	51.39	33.80	8.25	7.98	5.3	2.75	102.6
289	7/25/2010 11:31	15.53	51.41	33.81	8.51	7.99	6.0	2.84	104.9
290	7/25/2010 11:46	15.25	51.40	33.79	8.66	7.99	6.4	2.91	106.2
291	7/25/2010 12:01	14.74	51.28	33.69	8.93	8.01	5.6	2.98	108.4
292	7/25/2010 12:16	14.34	51.22	33.64	9.20	8.02	5.6	3.04	110.7
293	7/25/2010 12:31	14.04	51.35	33.72	9.52	8.04	5.1	3.11	113.9
294	7/25/2010 12:46	13.70	51.45	33.79	9.85	8.05	4.9	3.17	117.0
295	7/25/2010 13:01	13.62	51.45	33.78	10.02	8.06	3.8	3.21	118.9
296	7/25/2010 13:16	13.60	51.22	33.62	10.04	8.07	2.3	3.24	119.0
297	7/25/2010 13:31	13.63	51.20	33.60	10.06	8.08	2.0	3.26	119.3
298	7/25/2010 13:46	13.80	51.16	33.58	9.82	8.06	2.4	3.25	116.8
299	7/25/2010 14:01	13.64	51.12	33.54	9.92	8.07	2.1	3.22	117.5
300	7/25/2010 14:16	13.64	51.41	33.76	9.84	8.06	2.0	3.19	116.7
301	7/25/2010 14:31	14.07	51.36	33.73	9.83	8.06	3.6	3.13	117.7
302	7/25/2010 14:46	14.57	51.32	33.72	9.78	8.06	3.8	3.05	118.3
303	7/25/2010 15:01	15.27	51.26	33.69	9.54	8.05	4.0	2.97	116.9
304	7/25/2010 15:16	16.20	51.14	33.63	9.66	8.06	3.4	2.90	120.6
305	7/25/2010 15:31	16.52	51.31	33.76	9.70	8.07	3.2	2.83	121.9
306	7/25/2010 15:46	16.79	51.30	33.75	9.53	8.06	2.9	2.75	120.4
307	7/25/2010 16:01	17.07	51.22	33.69	9.61	8.07	2.9	2.68	122.0
308	7/25/2010 16:16	17.34	51.36	33.80	9.56	8.07	2.6	2.62	122.2
309	7/25/2010 16:31	17.51	51.28	33.75	9.68	8.08	2.5	2.56	124.0
310	7/25/2010 16:46	17.75	51.21	33.69	9.99	8.11	2.4	2.48	128.5
311	7/25/2010 17:01	17.96	51.19	33.68	10.19	8.12	2.0	2.44	131.6
312	7/25/2010 17:16	18.11	51.37	33.81	9.90	8.11	2.1	2.40	128.3
313	7/25/2010 17:31	18.34	51.24	33.72	9.92	8.10	2.0	2.34	129.0
314	7/25/2010 17:46	18.48	51.08	33.60	10.18	8.13	1.6	2.32	132.6
315	7/25/2010 18:01	18.54	51.41	33.84	9.90	8.11	1.4	2.30	129.3
316	7/25/2010 18:16	18.55	51.31	33.77	10.13	8.13	2.0	2.29	132.4
317	7/25/2010 18:31	18.46	51.30	33.76	10.13	8.12	1.9	2.31	132.1

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	
318	7/25/2010 18:46	18.39	51.10	33.61	9.89	8.10	1.6	2.31	128.7
319	7/25/2010 19:01	18.21	51.36	33.81	9.74	8.09	2.3	2.35	126.4
320	7/25/2010 19:16	18.22	51.44	33.86	9.54	8.08	2.6	2.40	123.9
321	7/25/2010 19:31	17.96	51.34	33.79	9.40	8.06	2.5	2.45	121.4
322	7/25/2010 19:46	18.02	51.38	33.82	9.23	8.05	4.4	2.52	119.5
323	7/25/2010 20:01	17.69	51.27	33.74	9.27	8.05	3.4	2.59	119.1
324	7/25/2010 20:16	17.45	51.21	33.69	9.35	8.06	3.4	2.66	119.6
325	7/25/2010 20:31	17.02	51.15	33.64	9.35	8.05	3.0	2.73	118.6
326	7/25/2010 20:46	16.42	51.38	33.81	9.28	8.04	3.4	2.80	116.4
327	7/25/2010 21:01	15.97	51.38	33.80	9.21	8.03	3.3	2.87	114.6
328	7/25/2010 21:16	15.38	51.28	33.71	9.33	8.03	3.1	2.95	114.6
329	7/25/2010 21:31	15.14	51.40	33.79	9.38	8.03	3.7	3.03	114.7
330	7/25/2010 21:46	14.61	51.46	33.82	9.57	8.04	4.2	3.11	115.8
331	7/25/2010 22:01	14.17	51.35	33.73	9.70	8.04	4.3	3.19	116.3
332	7/25/2010 22:16	13.59	51.43	33.77	9.84	8.05	4.6	3.27	116.7
333	7/25/2010 22:31	13.23	51.44	33.76	10.04	8.06	4.0	3.35	118.1
334	7/25/2010 22:46	12.79	51.51	33.80	10.22	8.06	4.3	3.42	119.3
335	7/25/2010 23:01	12.54	51.44	33.73	10.34	8.07	3.1	3.49	120.0
336	7/25/2010 23:16	12.42	51.36	33.67	10.46	8.08	4.3	3.55	120.9
337	7/25/2010 23:31	12.21	51.51	33.77	10.57	8.08	2.7	3.61	121.8
338	7/25/2010 23:46	12.17	51.57	33.81	10.53	8.02	1.8	3.66	121.3
339	7/26/2010 0:01	12.05	51.48	33.74	10.51	8.12	0.6	3.69	120.7
340	7/26/2010 0:16	12.13	51.43	33.71	10.41	8.07	1.1	3.71	119.7
341	7/26/2010 0:31	12.40	51.53	33.79	10.18	8.06	1.3	3.70	117.8
342	7/26/2010 0:46	12.15	51.51	33.76	10.28	8.07	0.7	3.69	118.3
343	7/26/2010 1:01	12.16	51.48	33.74	10.34	8.07	1.2	3.65	119.0
344	7/26/2010 1:16	12.52	51.43	33.72	10.23	8.07	0.9	3.58	118.6
345	7/26/2010 1:31	14.20	51.43	33.78	9.15	8.03	3.8	3.51	109.9
346	7/26/2010 1:46	13.74	51.35	33.71	9.29	8.03	2.3	3.43	110.5
347	7/26/2010 2:01	14.29	51.29	33.68	9.08	8.03	2.7	3.33	109.1
348	7/26/2010 2:16	14.23	51.37	33.75	9.40	8.04	3.5	3.22	112.9
349	7/26/2010 2:31	14.35	51.10	33.55	9.27	8.04	5.1	3.11	111.5
350	7/26/2010 2:46	14.72	51.27	33.69	9.15	8.03	4.3	3.00	110.9
351	7/26/2010 3:01	15.20	51.29	33.71	8.87	8.02	3.8	2.89	108.6
352	7/26/2010 3:16	15.78	51.34	33.76	8.64	8.01	4.7	2.77	107.0
353	7/26/2010 3:31	16.14	51.39	33.81	8.57	8.01	5.0	2.65	106.9
354	7/26/2010 3:46	16.08	51.28	33.72	8.61	8.03	4.8	2.52	107.2
355	7/26/2010 4:01	16.16	51.41	33.82	8.47	8.01	4.9	2.41	105.7
356	7/26/2010 4:16	16.20	51.38	33.80	8.43	8.01	6.4	2.25	105.3
357	7/26/2010 4:31	16.14	51.41	33.82	8.36	8.00	5.7	2.13	104.4
358	7/26/2010 4:46	16.20	51.28	33.72	8.23	8.00	5.4	2.00	102.8
359	7/26/2010 5:01	16.64	51.32	33.76	8.09	7.99	5.8	1.86	102.0
360	7/26/2010 5:16	16.93	51.42	33.84	7.96	7.99	5.2	1.73	100.9
361	7/26/2010 5:31	17.09	51.43	33.85	7.91	7.99	4.9	1.59	100.5
362	7/26/2010 5:46	17.35	51.34	33.79	7.91	7.99	4.5	1.49	101.0
363	7/26/2010 6:01	17.62	51.47	33.88	7.84	7.99	4.5	1.39	100.7
364	7/26/2010 6:16	17.94	51.49	33.90	7.78	7.99	5.1	1.29	100.6
365	7/26/2010 6:31	18.00	51.49	33.90	7.70	7.99	3.2	1.25	99.6
366	7/26/2010 6:46	18.24	51.56	33.95	7.63	7.99	2.6	1.20	99.2
367	7/26/2010 7:01	18.27	51.55	33.95	7.60	7.99	2.1	1.20	98.9
368	7/26/2010 7:16	18.22	51.47	33.89	7.67	7.99	2.3	1.23	99.6
369	7/26/2010 7:31	18.36	51.50	33.91	7.75	8.00	1.9	1.28	101.0
370	7/26/2010 7:46	18.31	51.55	33.95	7.77	8.00	2.5	1.34	101.1

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	
371	7/26/2010 8:01	18.28	51.49	33.91	7.79	8.00	2.6	1.40	101.4
372	7/26/2010 8:16	18.21	51.38	33.82	7.79	8.00	3.1	1.51	101.2
373	7/26/2010 8:31	18.26	51.24	33.72	7.54	7.98	6.3	1.57	98.0
374	7/26/2010 8:46	18.24	51.26	33.73	7.45	7.97	7.0	1.67	96.8
375	7/26/2010 9:01	18.08	51.21	33.70	7.67	7.99	4.8	1.74	99.2
376	7/26/2010 9:16	17.91	51.40	33.83	7.71	7.99	4.1	1.82	99.6
377	7/26/2010 9:31	17.81	51.37	33.81	7.72	7.99	3.8	1.93	99.4
378	7/26/2010 9:46	17.69	51.30	33.76	7.75	7.99	3.7	1.99	99.7
379	7/26/2010 10:01	17.45	51.31	33.76	7.80	7.99	3.7	2.10	99.8
380	7/26/2010 10:16	17.21	51.43	33.85	7.89	7.98	3.8	2.20	100.6
381	7/26/2010 10:31	17.12	51.40	33.83	7.92	7.98	4.2	2.30	100.8
382	7/26/2010 10:46	16.94	51.29	33.74	8.01	7.99	4.3	2.39	101.5
383	7/26/2010 11:01	16.72	51.42	33.84	8.07	7.99	4.0	2.48	101.8
384	7/26/2010 11:16	16.49	51.37	33.80	8.15	7.99	4.5	2.58	102.4
385	7/26/2010 11:31	16.30	51.34	33.77	8.23	7.99	5.4	2.66	103.0
386	7/26/2010 11:46	15.99	51.32	33.75	8.32	7.99	5.1	2.74	103.5
387	7/26/2010 12:01	15.56	51.33	33.75	8.56	8.00	6.0	2.83	105.5
388	7/26/2010 12:16	15.23	51.39	33.78	8.70	8.00	6.2	2.91	106.6
389	7/26/2010 12:31	14.83	51.31	33.72	8.89	8.02	6.1	2.98	108.0
390	7/26/2010 12:46	14.32	51.38	33.76	9.15	8.03	6.3	3.04	110.1
391	7/26/2010 13:01	13.89	51.38	33.74	9.43	8.04	5.1	3.12	112.4
392	7/26/2010 13:16	13.63	51.40	33.74	9.67	8.05	5.3	3.17	114.7
393	7/26/2010 13:31	13.50	51.45	33.78	9.82	8.06	3.1	3.22	116.2
394	7/26/2010 13:46	13.42	51.41	33.75	9.92	8.07	2.3	3.25	117.2
395	7/26/2010 14:01	13.40	51.48	33.80	9.92	8.07	1.4	3.27	117.2
396	7/26/2010 14:16	13.68	51.36	33.72	9.65	8.05	1.7	3.27	114.6
397	7/26/2010 14:31	13.56	51.34	33.70	9.68	8.06	1.6	3.25	114.7
398	7/26/2010 14:46	13.52	51.34	33.70	9.74	8.06	2.6	3.20	115.3
399	7/26/2010 15:01	13.88	51.14	33.56	9.62	8.06	2.6	3.15	114.6
400	7/26/2010 15:16	14.28	51.13	33.57	9.51	8.05	3.7	3.08	114.3
401	7/26/2010 15:31	14.84	51.20	33.64	9.39	8.05	4.0	3.00	114.1
402	7/26/2010 15:46	15.85	51.34	33.76	9.45	8.06	3.8	2.91	117.2
403	7/26/2010 16:01	16.18	51.34	33.77	9.62	8.07	3.9	2.84	120.1
404	7/26/2010 16:16	16.26	51.40	33.82	9.46	8.06	3.9	2.76	118.3
405	7/26/2010 16:31	16.34	51.16	33.64	9.64	8.08	3.3	2.68	120.6
406	7/26/2010 16:46	16.48	51.33	33.76	9.91	8.09	2.5	2.62	124.4
407	7/26/2010 17:01	16.87	51.45	33.86	9.68	8.09	3.1	2.55	122.5
408	7/26/2010 17:16	17.04	51.45	33.86	9.81	8.10	2.9	2.49	124.6
409	7/26/2010 17:31	17.23	51.45	33.87	9.70	8.10	2.7	2.43	123.7
410	7/26/2010 17:46	17.40	51.37	33.81	9.83	8.11	2.2	2.38	125.7
411	7/26/2010 18:01	17.56	51.32	33.77	9.64	8.10	1.8	2.34	123.7
412	7/26/2010 18:16	17.72	51.42	33.84	9.46	8.09	1.8	2.29	121.8
413	7/26/2010 18:31	17.81	51.43	33.86	9.50	8.10	1.6	2.25	122.4
414	7/26/2010 18:46	18.00	51.46	33.88	9.42	8.09	1.3	2.26	121.9
415	7/26/2010 19:01	17.89	51.38	33.82	9.36	8.09	2.3	2.26	120.8
416	7/26/2010 19:16	18.05	51.46	33.88	9.24	8.08	1.6	2.25	119.6
417	7/26/2010 19:31	17.93	51.48	33.89	9.25	8.07	1.5	2.29	119.5
418	7/26/2010 19:46	17.76	51.41	33.84	9.20	8.07	2.0	2.32	118.5
419	7/26/2010 20:01	17.64	51.43	33.85	9.14	8.06	2.1	2.37	117.4
420	7/26/2010 20:16	17.49	51.40	33.83	9.07	8.05	2.7	2.43	116.2
421	7/26/2010 20:31	17.27	51.37	33.81	8.96	8.05	2.8	2.49	114.3
422	7/26/2010 20:46	17.10	51.43	33.84	8.97	8.04	3.1	2.56	114.0
423	7/26/2010 21:01	16.80	51.46	33.86	9.03	8.05	3.3	2.63	114.2

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	
424	7/26/2010 21:16	16.58	51.34	33.78	9.02	8.04	2.5	2.71	113.5
425	7/26/2010 21:31	16.07	51.33	33.76	9.03	8.04	2.6	2.79	112.5
426	7/26/2010 21:46	15.67	51.28	33.71	8.95	8.03	2.8	2.86	110.6
427	7/26/2010 22:01	15.28	51.23	33.67	9.00	8.03	2.7	2.93	110.4
428	7/26/2010 22:16	15.02	51.28	33.70	9.06	8.03	3.1	3.02	110.5
429	7/26/2010 22:31	14.64	51.29	33.70	9.20	8.03	3.0	3.10	111.4
430	7/26/2010 22:46	14.21	51.42	33.78	9.32	8.04	3.6	3.18	111.9
431	7/26/2010 23:01	13.74	51.32	33.69	9.51	8.04	3.4	3.27	113.1
432	7/26/2010 23:16	13.29	51.32	33.67	9.76	8.05	4.8	3.34	114.9
433	7/26/2010 23:31	12.90	51.45	33.75	9.92	8.06	3.8	3.41	116.0
434	7/26/2010 23:46	12.54	51.41	33.71	10.14	8.01	3.6	3.49	117.6
435	7/27/2010 0:01	12.36	51.46	33.74	10.20	8.01	3.2	3.54	117.9
436	7/27/2010 0:16	12.15	51.59	33.82	10.18	8.01	2.2	3.59	117.2
437	7/27/2010 0:31	12.06	51.51	33.76	10.17	8.01	1.8	3.63	116.8
438	7/27/2010 0:46	12.05	51.29	33.60	10.15	8.10	0.7	3.64	116.4
439	7/27/2010 1:01	12.44	51.37	33.67	9.89	8.06	1.1	3.65	114.4
440	7/27/2010 1:16	12.13	51.53	33.78	9.95	8.05	0.5	3.65	114.5
441	7/27/2010 1:31	12.01	51.32	33.62	10.11	8.10	0.8	3.62	115.9
442	7/27/2010 1:46	12.68	51.06	33.46	9.81	8.06	1.0	3.57	114.0
443	7/27/2010 2:01	14.24	51.45	33.80	8.94	8.02	2.3	3.50	107.4
444	7/27/2010 2:16	13.61	51.44	33.78	9.27	8.03	2.4	3.41	110.0
445	7/27/2010 2:31	14.28	51.42	33.79	8.84	8.02	4.6	3.33	106.3
446	7/27/2010 2:46	14.18	51.45	33.80	9.07	8.02	3.1	3.24	108.9
447	7/27/2010 3:01	14.41	51.33	33.72	8.90	7.98	4.2	3.12	107.3
448	7/27/2010 3:16	14.67	51.32	33.72	8.83	8.02	3.4	3.01	106.9
449	7/27/2010 3:31	15.03	51.37	33.77	8.56	8.00	3.8	2.91	104.4
450	7/27/2010 3:46	15.55	51.36	33.77	8.32	8.01	4.5	2.79	102.6
451	7/27/2010 4:01	15.95	51.39	33.80	8.25	8.00	4.6	2.68	102.6
452	7/27/2010 4:16	16.22	51.22	33.68	8.03	8.01	4.8	2.56	100.3
453	7/27/2010 4:31	16.32	51.29	33.73	8.14	8.01	5.5	2.44	101.8
454	7/27/2010 4:46	15.82	51.41	33.82	8.05	8.00	4.9	2.31	99.9
455	7/27/2010 5:01	16.09	51.08	33.58	8.13	8.01	4.9	2.19	101.1
456	7/27/2010 5:16	15.84	51.35	33.77	8.10	7.99	5.0	2.05	100.4
457	7/27/2010 5:31	15.93	51.35	33.77	8.01	7.98	6.1	1.93	99.6
458	7/27/2010 5:46	16.20	51.41	33.82	7.89	7.98	4.3	1.81	98.6
459	7/27/2010 6:01	16.33	51.44	33.85	7.80	7.98	4.4	1.68	97.7
460	7/27/2010 6:16	16.67	51.32	33.76	7.75	7.98	3.6	1.57	97.7
461	7/27/2010 6:31	17.12	51.44	33.86	7.74	7.99	3.7	1.45	98.5
462	7/27/2010 6:46	17.16	51.48	33.89	7.66	7.98	4.6	1.38	97.6
463	7/27/2010 7:01	17.48	51.42	33.84	7.58	7.99	4.2	1.33	97.1
464	7/27/2010 7:16	17.51	51.41	33.84	7.56	7.99	3.8	1.29	96.9
465	7/27/2010 7:31	17.57	51.54	33.93	7.53	7.99	2.5	1.27	96.7
466	7/27/2010 7:46	17.47	51.49	33.90	7.59	7.99	3.3	1.29	97.2
467	7/27/2010 8:01	17.94	51.58	33.97	7.53	8.00	1.9	1.34	97.4
468	7/27/2010 8:16	17.79	51.44	33.86	7.57	8.00	2.0	1.38	97.5
469	7/27/2010 8:31	17.89	51.46	33.88	7.48	8.00	2.6	1.46	96.6
470	7/27/2010 8:46	17.84	51.43	33.86	7.51	8.00	2.7	1.55	96.9
471	7/27/2010 9:01	17.72	51.34	33.79	7.41	7.99	5.4	1.63	95.3
472	7/27/2010 9:16	17.68	51.11	33.62	7.30	7.98	6.7	1.71	93.8
473	7/27/2010 9:31	17.59	51.35	33.80	7.43	7.98	5.4	1.80	95.3
474	7/27/2010 9:46	17.40	51.45	33.87	7.54	7.99	4.9	1.89	96.5
475	7/27/2010 10:01	17.29	51.35	33.79	7.56	7.99	4.0	1.98	96.5
476	7/27/2010 10:16	17.20	51.44	33.86	7.59	7.99	4.0	2.07	96.7

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	
477	7/27/2010 10:31	16.99	51.44	33.86	7.67	7.99	3.5	2.16	97.3
478	7/27/2010 10:46	16.81	51.46	33.87	7.77	7.99	3.4	2.26	98.2
479	7/27/2010 11:01	16.65	51.29	33.74	7.85	7.99	3.5	2.36	98.9
480	7/27/2010 11:16	16.48	51.40	33.82	7.95	7.99	3.7	2.46	99.8
481	7/27/2010 11:31	16.26	51.41	33.83	8.00	7.99	4.2	2.55	100.1
482	7/27/2010 11:46	16.09	51.33	33.76	8.07	7.99	4.3	2.63	100.6
483	7/27/2010 12:01	15.84	51.40	33.81	8.15	7.99	4.6	2.73	101.1
484	7/27/2010 12:16	15.59	51.37	33.78	8.24	7.99	5.6	2.81	101.7
485	7/27/2010 12:31	15.13	51.28	33.71	8.53	8.00	6.1	2.88	104.3
486	7/27/2010 12:46	14.83	51.39	33.78	8.68	8.01	5.7	2.97	105.6
487	7/27/2010 13:01	14.27	51.29	33.69	8.91	8.01	5.2	3.04	107.1
488	7/27/2010 13:16	13.78	51.40	33.75	9.21	8.03	5.5	3.11	109.6
489	7/27/2010 13:31	13.49	51.26	33.64	9.44	8.04	4.8	3.17	111.6
490	7/27/2010 13:46	13.26	51.26	33.63	9.66	8.05	4.6	3.23	113.6
491	7/27/2010 14:01	13.17	51.32	33.67	9.76	8.05	3.8	3.28	114.6
492	7/27/2010 14:16	13.14	51.39	33.72	9.80	8.06	1.2	3.31	115.1
493	7/27/2010 14:31	13.13	51.34	33.68	9.83	8.06	1.3	3.33	115.4
494	7/27/2010 14:46	13.29	51.30	33.66	9.66	8.05	2.3	3.32	113.8
495	7/27/2010 15:01	13.25	51.42	33.74	9.65	8.05	2.4	3.30	113.6
496	7/27/2010 15:16	13.24	51.40	33.73	9.71	8.05	2.0	3.26	114.3
497	7/27/2010 15:31	13.43	51.27	33.64	9.61	8.05	2.6	3.19	113.5
498	7/27/2010 15:46	14.31	51.27	33.67	9.54	8.06	3.5	3.11	114.7
499	7/27/2010 16:01	15.07	51.27	33.69	9.42	8.05	3.3	3.03	115.0
500	7/27/2010 16:16	15.36	51.31	33.73	9.44	8.05	2.7	2.96	116.0
501	7/27/2010 16:31	15.50	51.23	33.67	9.71	8.08	3.2	2.87	119.6
502	7/27/2010 16:46	15.64	51.26	33.70	9.70	8.08	2.4	2.78	119.8
503	7/27/2010 17:01	15.89	51.25	33.70	9.83	8.08	2.1	2.71	122.0
504	7/27/2010 17:16	16.21	51.16	33.64	9.84	8.09	2.5	2.64	122.8
505	7/27/2010 17:31	16.56	51.22	33.69	9.70	8.09	2.3	2.56	122.0
506	7/27/2010 17:46	16.70	51.33	33.77	9.72	8.10	2.0	2.48	122.6
507	7/27/2010 18:01	16.78	51.18	33.66	9.91	8.11	1.8	2.43	125.1
508	7/27/2010 18:16	17.02	51.38	33.81	9.74	8.10	2.0	2.36	123.7
509	7/27/2010 18:31	17.00	51.35	33.79	9.79	8.10	1.8	2.30	124.2
510	7/27/2010 18:46	17.19	51.36	33.80	9.35	8.08	1.4	2.26	119.1
511	7/27/2010 19:01	17.23	51.42	33.84	9.39	8.08	1.1	2.22	119.7
512	7/27/2010 19:16	17.60	51.48	33.89	9.21	8.08	1.1	2.19	118.2
513	7/27/2010 19:31	17.58	51.21	33.69	9.05	8.06	1.2	2.19	116.0
514	7/27/2010 19:46	17.72	51.40	33.83	8.97	8.06	1.5	2.19	115.5
515	7/27/2010 20:01	17.76	51.36	33.80	8.91	8.06	1.3	2.20	114.8
516	7/27/2010 20:16	17.54	51.41	33.84	9.01	8.06	1.4	2.23	115.5
517	7/27/2010 20:31	17.52	51.28	33.74	8.88	8.05	1.8	2.29	113.8
518	7/27/2010 20:46	17.44	51.33	33.78	8.86	8.05	2.7	2.35	113.3
519	7/27/2010 21:01	17.43	51.44	33.86	8.81	8.04	4.6	2.41	112.7
520	7/27/2010 21:16	17.25	51.27	33.74	8.83	8.04	4.0	2.48	112.6
521	7/27/2010 21:31	17.04	51.35	33.79	8.84	8.04	2.9	2.55	112.3
522	7/27/2010 21:46	16.81	51.44	33.85	8.88	8.04	2.7	2.62	112.3
523	7/27/2010 22:01	16.49	51.37	33.79	8.91	8.04	2.6	2.70	112.0
524	7/27/2010 22:16	15.95	51.35	33.77	8.82	8.03	2.9	2.77	109.7
525	7/27/2010 22:31	15.59	51.22	33.67	8.83	8.03	2.0	2.84	108.9
526	7/27/2010 22:46	15.34	51.29	33.71	8.88	8.03	2.1	2.92	109.0
527	7/27/2010 23:01	15.13	51.37	33.77	8.95	8.02	2.1	2.99	109.4
528	7/27/2010 23:16	14.77	51.31	33.72	9.08	8.03	2.1	3.06	110.2
529	7/27/2010 23:31	14.39	51.42	33.78	9.24	8.03	2.2	3.15	111.3

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	
530	7/27/2010 23:46	14.06	51.44	33.79	9.37	8.04	2.7	3.22	112.2
531	7/28/2010 0:01	13.79	51.45	33.79	9.52	8.05	3.1	3.29	113.3
532	7/28/2010 0:16	13.40	51.33	33.69	9.80	8.05	2.3	3.36	115.7
533	7/28/2010 0:31	13.07	51.35	33.68	10.04	8.06	1.6	3.42	117.7
534	7/28/2010 0:46	12.82	51.28	33.62	10.22	8.08	2.0	3.48	119.1
535	7/28/2010 1:01	12.65	51.50	33.78	10.31	8.03	1.3	3.52	119.9
536	7/28/2010 1:16	12.57	51.37	33.68	10.32	8.02	0.0	3.55	119.7
537	7/28/2010 1:31	12.55	51.39	33.70	10.31	8.02	0.0	3.57	119.6
538	7/28/2010 1:46	12.88	51.23	33.59	9.94	8.06	0.2	3.56	116.0
539	7/28/2010 2:01	12.54	51.26	33.60	10.19	8.11	0.0	3.55	118.1
540	7/28/2010 2:16	12.65	51.36	33.68	10.07	8.07	0.0	3.51	117.1
541	7/28/2010 2:31	13.49	51.28	33.65	9.61	8.05	0.9	3.45	113.7
542	7/28/2010 2:46	14.11	51.32	33.70	9.05	8.03	1.7	3.37	108.4
543	7/28/2010 3:01	13.88	51.29	33.68	9.33	8.04	1.5	3.30	111.3
544	7/28/2010 3:16	14.53	51.00	33.48	8.86	8.02	2.3	3.20	106.9
545	7/28/2010 3:31	14.71	51.26	33.68	8.72	8.02	3.4	3.10	105.7
546	7/28/2010 3:46	14.84	51.29	33.70	8.65	8.01	2.9	3.00	105.2
547	7/28/2010 4:01	15.12	51.35	33.75	8.41	8.00	3.5	2.90	102.9
548	7/28/2010 4:16	15.79	51.31	33.74	7.92	7.98	4.2	2.79	98.2
549	7/28/2010 4:31	16.15	51.34	33.77	7.65	7.97	4.2	2.68	95.4
550	7/28/2010 4:46	16.10	51.22	33.68	7.85	7.99	4.2	2.57	97.8
551	7/28/2010 5:01	16.14	51.43	33.83	7.69	7.98	4.4	2.45	96.0
552	7/28/2010 5:16	16.11	51.33	33.76	7.77	7.97	5.5	2.34	96.9
553	7/28/2010 5:31	15.95	51.25	33.70	7.80	7.97	4.9	2.22	96.9
554	7/28/2010 5:46	15.70	51.28	33.71	7.81	7.96	5.4	2.09	96.6
555	7/28/2010 6:01	15.93	51.32	33.75	7.68	7.97	5.9	1.98	95.5
556	7/28/2010 6:16	15.87	51.31	33.74	7.62	7.95	4.8	1.86	94.5
557	7/28/2010 6:31	16.09	51.41	33.82	7.57	7.96	4.2	1.73	94.4
558	7/28/2010 6:46	16.38	51.34	33.77	7.51	7.96	3.8	1.63	94.1
559	7/28/2010 7:01	16.57	51.30	33.75	7.51	7.97	4.9	1.54	94.5
560	7/28/2010 7:16	16.77	51.31	33.76	7.45	7.97	3.6	1.47	94.1
561	7/28/2010 7:31	16.90	51.39	33.82	7.40	7.97	3.1	1.40	93.7
562	7/28/2010 7:46	16.96	51.26	33.72	7.42	7.97	3.5	1.38	94.0
563	7/28/2010 8:01	16.95	51.56	33.94	7.30	7.96	2.6	1.38	92.6
564	7/28/2010 8:16	17.03	51.37	33.80	7.41	7.97	2.7	1.39	94.1
565	7/28/2010 8:31	17.19	51.49	33.89	7.36	7.97	1.8	1.43	93.8
566	7/28/2010 8:46	17.19	51.49	33.90	7.36	7.97	2.0	1.49	93.7
567	7/28/2010 9:01	17.17	51.35	33.79	7.35	7.97	2.4	1.58	93.6
568	7/28/2010 9:16	17.12	51.54	33.93	7.36	7.97	2.7	1.64	93.7
569	7/28/2010 9:31	17.10	51.24	33.71	7.25	7.95	6.1	1.73	92.1
570	7/28/2010 9:46	17.06	51.15	33.64	7.20	7.95	7.1	1.82	91.3
571	7/28/2010 10:01	16.98	51.21	33.69	7.25	7.95	5.6	1.89	91.9
572	7/28/2010 10:16	16.86	51.22	33.69	7.32	7.96	4.6	1.99	92.6
573	7/28/2010 10:31	16.82	51.37	33.80	7.34	7.96	4.1	2.07	92.8
574	7/28/2010 10:46	16.76	51.33	33.77	7.37	7.96	4.0	2.17	93.1
575	7/28/2010 11:01	16.55	51.26	33.72	7.47	7.97	3.7	2.25	93.9
576	7/28/2010 11:16	16.38	51.49	33.89	7.67	7.97	3.6	2.35	96.2
577	7/28/2010 11:31	16.27	51.33	33.76	7.78	7.98	3.9	2.44	97.4
578	7/28/2010 11:46	16.09	51.19	33.66	7.93	7.98	3.9	2.53	98.7
579	7/28/2010 12:01	15.94	51.39	33.80	8.02	7.98	4.9	2.63	99.7
580	7/28/2010 12:16	15.68	51.30	33.73	8.16	7.99	4.0	2.71	100.8
581	7/28/2010 12:31	15.52	51.38	33.78	8.22	7.99	4.7	2.80	101.3
582	7/28/2010 12:46	15.30	51.23	33.67	8.36	8.00	4.6	2.87	102.5

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	
583	7/28/2010 13:01	14.88	51.33	33.74	8.63	8.01	4.9	2.96	105.0
584	7/28/2010 13:16	14.58	51.27	33.68	8.82	8.01	5.0	3.04	106.6
585	7/28/2010 13:31	14.17	51.37	33.75	9.10	8.03	4.4	3.11	109.1
586	7/28/2010 13:46	13.81	51.24	33.63	9.43	8.04	3.8	3.18	112.2
587	7/28/2010 14:01	13.64	51.31	33.68	9.60	8.05	4.0	3.24	113.9
588	7/28/2010 14:16	13.48	51.35	33.70	9.83	8.07	2.7	3.30	116.3
589	7/28/2010 14:31	13.45	51.15	33.56	9.93	8.07	1.8	3.34	117.2
590	7/28/2010 14:46	13.32	51.20	33.59	10.00	8.08	0.9	3.37	117.8
591	7/28/2010 15:01	13.61	51.11	33.54	9.95	8.07	0.9	3.39	117.8
592	7/28/2010 15:16	13.65	51.27	33.65	9.65	8.06	0.7	3.38	114.4
593	7/28/2010 15:31	13.43	51.23	33.61	9.84	8.07	4.0	3.35	116.2
594	7/28/2010 15:46	13.45	51.22	33.61	9.82	8.07	1.8	3.29	116.0
595	7/28/2010 16:01	13.93	51.07	33.51	9.61	8.06	2.4	3.22	114.6
596	7/28/2010 16:16	14.17	51.25	33.65	9.47	8.05	2.6	3.15	113.5
597	7/28/2010 16:31	14.95	51.14	33.60	9.44	8.06	2.9	3.07	114.9
598	7/28/2010 16:46	15.83	51.27	33.71	9.51	8.07	2.6	2.97	117.9
599	7/28/2010 17:01	16.01	51.29	33.73	9.35	8.06	2.0	2.89	116.3
600	7/28/2010 17:16	16.19	51.33	33.76	9.24	8.06	1.5	2.81	115.4
601	7/28/2010 17:31	16.46	51.09	33.59	9.23	8.07	1.7	2.73	115.7
602	7/28/2010 17:46	16.49	51.09	33.59	9.56	8.09	2.3	2.66	120.0
603	7/28/2010 18:01	16.60	51.34	33.77	9.70	8.10	2.4	2.57	122.1
604	7/28/2010 18:16	16.83	51.31	33.76	9.60	8.09	2.4	2.49	121.4
605	7/28/2010 18:31	16.89	51.36	33.80	9.92	8.12	1.9	2.45	125.7
606	7/28/2010 18:46	17.01	51.26	33.72	9.70	8.10	1.8	2.36	123.0
607	7/28/2010 19:01	17.05	51.37	33.80	9.90	8.13	1.8	2.29	125.7
608	7/28/2010 19:16	17.04	51.39	33.82	9.72	8.12	1.1	2.24	123.5
609	7/28/2010 19:31	17.06	51.31	33.76	9.63	8.11	0.5	2.20	122.3
610	7/28/2010 19:46	17.07	51.38	33.81	9.76	8.12	0.4	2.15	124.0
611	7/28/2010 20:01	17.18	51.41	33.84	9.49	8.11	0.2	2.13	120.9
612	7/28/2010 20:16	17.05	51.41	33.84	10.10	8.15	1.8	2.15	128.3
613	7/28/2010 20:31	17.20	51.43	33.85	9.61	8.10	2.0	2.14	122.4
614	7/28/2010 20:46	17.41	51.32	33.77	9.29	8.09	1.5	2.16	118.8
615	7/28/2010 21:01	17.24	51.42	33.84	9.26	8.08	2.0	2.21	118.0
616	7/28/2010 21:16	17.31	51.16	33.65	8.96	8.06	1.8	2.26	114.3
617	7/28/2010 21:31	17.22	51.37	33.81	8.95	8.05	2.7	2.33	114.1
618	7/28/2010 21:46	17.34	51.24	33.71	8.87	8.05	4.1	2.40	113.3
619	7/28/2010 22:01	17.19	51.14	33.64	8.88	8.05	3.4	2.47	113.0
620	7/28/2010 22:16	16.89	51.34	33.78	8.95	8.05	2.6	2.54	113.3
621	7/28/2010 22:31	16.72	51.20	33.68	8.96	8.05	2.2	2.61	113.0
622	7/28/2010 22:46	16.52	51.28	33.73	8.92	8.04	2.1	2.68	112.0
623	7/28/2010 23:01	16.09	51.13	33.61	8.83	8.04	2.0	2.74	109.9
624	7/28/2010 23:16	15.84	51.28	33.72	8.74	8.02	1.6	2.81	108.4
625	7/28/2010 23:31	15.71	51.20	33.65	8.71	8.02	1.5	2.88	107.7
626	7/28/2010 23:46	15.52	51.33	33.75	8.76	8.02	1.5	2.94	108.0
627	7/29/2010 0:01	15.21	51.28	33.70	8.87	8.03	1.6	3.01	108.6
628	7/29/2010 0:16	14.85	51.29	33.70	9.01	8.03	1.8	3.08	109.6
629	7/29/2010 0:31	14.49	51.20	33.63	9.21	8.04	1.9	3.15	111.0
630	7/29/2010 0:46	14.26	51.08	33.53	9.32	8.05	1.3	3.22	111.8
631	7/29/2010 1:01	14.03	51.42	33.77	9.43	8.05	1.5	3.28	112.8
632	7/29/2010 1:16	13.70	51.29	33.67	9.64	8.06	1.8	3.33	114.5
633	7/29/2010 1:31	13.48	51.38	33.73	9.77	8.07	0.8	3.38	115.6
634	7/29/2010 1:46	13.30	51.20	33.59	9.86	8.07	1.1	3.42	116.1
635	7/29/2010 2:01	13.25	51.15	33.55	9.89	8.07	0.2	3.44	116.3

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	
636	7/29/2010 2:16	13.77	51.24	33.63	9.52	8.05	1.0	3.45	113.2
637	7/29/2010 2:31	13.23	51.23	33.60	9.72	8.07	0.0	3.45	114.3
638	7/29/2010 2:46	13.20	51.20	33.59	9.69	8.06	0.0	3.42	113.8
639	7/29/2010 3:01	13.41	51.15	33.56	9.66	8.06	0.5	3.37	114.0
640	7/29/2010 3:16	13.82	51.26	33.65	9.42	8.05	1.3	3.31	112.1
641	7/29/2010 3:31	14.31	51.34	33.72	9.04	8.03	2.4	3.24	108.7
642	7/29/2010 3:46	14.63	51.35	33.74	8.73	8.02	2.7	3.15	105.7
643	7/29/2010 4:01	14.84	51.17	33.62	8.65	8.01	2.8	3.05	105.1
644	7/29/2010 4:16	15.14	51.30	33.72	8.47	8.01	3.3	2.96	103.6
645	7/29/2010 4:31	15.48	51.14	33.61	8.27	8.00	3.8	2.86	101.8
646	7/29/2010 4:46	15.79	51.37	33.79	8.03	7.99	2.9	2.77	99.5
647	7/29/2010 5:01	16.05	51.37	33.79	7.76	7.98	3.5	2.67	96.6
648	7/29/2010 5:16	16.11	51.41	33.82	7.86	7.98	3.5	2.56	98.1
649	7/29/2010 5:31	15.91	51.41	33.81	7.91	7.98	3.8	2.46	98.3
650	7/29/2010 5:46	15.90	51.35	33.77	7.91	7.98	3.6	2.35	98.2
651	7/29/2010 6:01	15.87	51.29	33.73	7.87	7.98	3.4	2.24	97.7
652	7/29/2010 6:16	15.86	51.29	33.73	7.75	7.97	3.5	2.12	96.2
653	7/29/2010 6:31	15.92	51.30	33.73	7.72	7.97	3.5	2.00	95.8
654	7/29/2010 6:46	16.02	51.45	33.85	7.64	7.96	2.8	1.91	95.1
655	7/29/2010 7:01	16.08	51.32	33.75	7.60	7.96	2.6	1.80	94.8
656	7/29/2010 7:16	16.32	51.43	33.84	7.58	7.96	2.8	1.70	94.9
657	7/29/2010 7:31	16.41	51.28	33.73	7.61	7.97	2.4	1.62	95.4
658	7/29/2010 7:46	16.58	51.23	33.69	7.69	7.98	2.2	1.56	96.7
659	7/29/2010 8:01	16.71	51.42	33.83	7.67	7.98	2.0	1.52	96.8
660	7/29/2010 8:16	16.85	51.12	33.62	7.68	7.98	1.9	1.49	97.1
661	7/29/2010 8:31	16.72	51.53	33.92	7.63	7.98	2.3	1.52	96.4
662	7/29/2010 8:46	16.94	51.52	33.91	7.59	7.98	1.5	1.52	96.3
663	7/29/2010 9:01	16.85	51.39	33.82	7.65	7.98	1.6	1.57	96.8
664	7/29/2010 9:16	17.13	51.43	33.85	7.52	7.98	1.8	1.63	95.7
665	7/29/2010 9:31	17.11	51.42	33.84	7.52	7.97	1.7	1.69	95.6
666	7/29/2010 9:46	17.05	51.46	33.87	7.52	7.97	1.9	1.76	95.6
667	7/29/2010 10:01	17.11	51.17	33.66	7.39	7.96	6.1	1.84	93.8
668	7/29/2010 10:16	17.11	51.29	33.75	7.35	7.95	7.0	1.92	93.5
669	7/29/2010 10:31	16.94	51.27	33.73	7.43	7.96	4.6	1.99	94.1
670	7/29/2010 10:46	16.82	51.39	33.81	7.48	7.96	4.0	2.08	94.6
671	7/29/2010 11:01	16.77	51.22	33.69	7.51	7.96	4.0	2.17	94.7
672	7/29/2010 11:16	16.71	51.35	33.78	7.54	7.97	3.8	2.25	95.1
673	7/29/2010 11:31	16.57	51.32	33.76	7.64	7.97	3.8	2.34	96.1
674	7/29/2010 11:46	16.43	51.08	33.58	7.85	7.98	3.5	2.43	98.4
675	7/29/2010 12:01	16.31	51.24	33.69	7.96	7.98	3.3	2.52	99.6
676	7/29/2010 12:16	16.11	51.25	33.70	8.11	7.99	3.7	2.61	101.1
677	7/29/2010 12:31	16.02	51.32	33.75	8.24	8.00	3.4	2.70	102.6
678	7/29/2010 12:46	15.80	51.25	33.69	8.32	8.00	3.8	2.78	103.0
679	7/29/2010 13:01	15.68	51.17	33.63	8.33	8.00	4.4	2.86	102.9
680	7/29/2010 13:16	15.40	51.09	33.57	8.50	8.01	4.9	2.95	104.4
681	7/29/2010 13:31	15.02	51.12	33.59	8.80	8.02	5.0	3.02	107.3
682	7/29/2010 13:46	14.70	51.27	33.69	9.00	8.03	4.4	3.10	109.0
683	7/29/2010 14:01	14.31	51.14	33.58	9.27	8.05	3.9	3.17	111.4
684	7/29/2010 14:16	14.02	51.04	33.50	9.53	8.06	3.7	3.24	113.8
685	7/29/2010 14:31	13.81	51.08	33.52	9.73	8.07	3.8	3.30	115.8
686	7/29/2010 14:46	13.61	51.33	33.69	9.93	8.08	2.1	3.35	117.7
687	7/29/2010 15:01	13.54	51.26	33.64	10.04	8.08	1.0	3.39	118.8
688	7/29/2010 15:16	13.48	51.31	33.67	10.09	8.09	0.6	3.41	119.2

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	
689	7/29/2010 15:31	13.79	50.78	33.30	9.83	8.08	0.4	3.41	116.7
690	7/29/2010 15:46	13.63	51.15	33.56	9.86	8.07	1.2	3.40	116.8
691	7/29/2010 16:01	13.57	51.15	33.56	9.89	8.07	1.3	3.36	117.1
692	7/29/2010 16:16	13.76	51.19	33.60	9.80	8.07	1.5	3.30	116.5
693	7/29/2010 16:31	14.70	51.19	33.63	9.65	8.07	2.7	3.22	116.9
694	7/29/2010 16:46	15.13	51.03	33.52	9.55	8.06	2.8	3.15	116.6
695	7/29/2010 17:01	15.33	51.09	33.57	9.55	8.07	2.9	3.06	117.2
696	7/29/2010 17:16	15.49	50.98	33.49	9.46	8.07	3.8	2.96	116.3
697	7/29/2010 17:31	15.56	51.27	33.71	9.66	8.07	2.1	2.88	119.0
698	7/29/2010 17:46	15.78	51.05	33.55	9.68	8.08	2.0	2.80	119.8
699	7/29/2010 18:01	16.26	51.28	33.72	9.72	8.09	1.8	2.71	121.5
700	7/29/2010 18:16	16.55	51.35	33.78	9.68	8.09	2.3	2.63	121.7
701	7/29/2010 18:31	16.47	51.09	33.59	9.73	8.10	2.1	2.55	122.0
702	7/29/2010 18:46	16.60	51.40	33.82	9.71	8.10	1.8	2.48	122.2
703	7/29/2010 19:01	16.77	51.14	33.63	9.79	8.11	2.5	2.40	123.6
704	7/29/2010 19:16	16.60	51.34	33.78	9.84	8.12	1.6	2.32	123.8
705	7/29/2010 19:31	16.70	51.20	33.67	9.56	8.09	1.6	2.27	120.6
706	7/29/2010 19:46	16.87	51.25	33.71	9.37	8.08	1.8	2.21	118.6
707	7/29/2010 20:01	16.82	51.14	33.63	9.33	8.08	1.6	2.14	117.8
708	7/29/2010 20:16	17.10	51.34	33.78	9.09	8.07	1.3	2.11	115.5
709	7/29/2010 20:31	17.28	51.42	33.84	9.01	8.06	1.2	2.08	114.9
710	7/29/2010 20:46	17.45	51.33	33.78	8.87	8.06	1.2	2.07	113.5
711	7/29/2010 21:01	17.57	51.49	33.90	8.76	8.06	1.0	2.07	112.4
712	7/29/2010 21:16	17.77	51.43	33.86	8.82	8.05	1.4	2.09	113.6
713	7/29/2010 21:31	17.60	51.37	33.81	8.85	8.05	1.7	2.14	113.7
714	7/29/2010 21:46	17.63	51.45	33.87	8.83	8.05	2.2	2.17	113.4
715	7/29/2010 22:01	17.59	51.27	33.74	8.80	8.05	2.3	2.22	112.9
716	7/29/2010 22:16	17.54	51.09	33.60	8.80	8.05	2.9	2.29	112.7
717	7/29/2010 22:31	17.72	51.32	33.77	8.66	8.04	5.0	2.37	111.4
718	7/29/2010 22:46	17.51	51.32	33.77	8.72	8.04	3.8	2.42	111.7
719	7/29/2010 23:01	17.30	51.40	33.83	8.74	8.04	2.9	2.48	111.5
720	7/29/2010 23:16	17.10	51.36	33.80	8.76	8.04	2.6	2.57	111.4
721	7/29/2010 23:31	16.86	51.37	33.80	8.75	8.04	2.7	2.62	110.7
722	7/29/2010 23:46	16.34	51.32	33.76	8.71	8.03	1.9	2.68	109.1
723	7/30/2010 0:01	16.07	51.06	33.56	8.69	8.02	1.9	2.74	108.1
724	7/30/2010 0:16	15.95	51.15	33.62	8.68	8.03	1.7	2.82	107.8
725	7/30/2010 0:31	15.70	51.25	33.69	8.79	8.03	1.3	2.86	108.7
726	7/30/2010 0:46	15.55	51.32	33.74	8.84	8.03	1.0	2.93	109.1
727	7/30/2010 1:01	15.44	51.31	33.73	8.88	8.03	1.0	3.00	109.2
728	7/30/2010 1:16	15.15	51.02	33.52	8.98	8.04	1.2	3.05	109.7
729	7/30/2010 1:31	14.91	51.26	33.68	9.08	8.04	0.9	3.11	110.5
730	7/30/2010 1:46	14.76	51.14	33.59	9.10	8.04	1.0	3.16	110.4
731	7/30/2010 2:01	14.61	51.14	33.59	9.16	8.04	0.6	3.21	110.7
732	7/30/2010 2:16	14.47	51.20	33.63	9.20	8.05	0.6	3.24	110.9
733	7/30/2010 2:31	14.33	51.33	33.72	9.26	8.05	0.4	3.28	111.4
734	7/30/2010 2:46	14.22	51.32	33.70	9.19	8.05	0.0	3.30	110.4
735	7/30/2010 3:01	14.59	51.01	33.49	8.94	8.03	0.0	3.30	108.0
736	7/30/2010 3:16	14.17	50.91	33.41	9.17	8.05	0.2	3.28	109.8
737	7/30/2010 3:31	14.33	51.25	33.66	9.11	8.04	0.1	3.25	109.5
738	7/30/2010 3:46	14.60	51.15	33.59	9.03	8.04	0.9	3.20	109.2
739	7/30/2010 4:01	15.13	51.13	33.59	8.55	8.01	1.6	3.13	104.5
740	7/30/2010 4:16	15.36	51.17	33.63	8.41	8.00	2.3	3.06	103.2
741	7/30/2010 4:31	15.43	50.99	33.50	8.37	8.01	2.1	2.97	102.8

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	
742	7/30/2010 4:46	15.44	51.35	33.76	8.39	8.00	2.1	2.88	103.3
743	7/30/2010 5:01	15.63	51.35	33.77	8.16	7.99	2.6	2.80	100.8
744	7/30/2010 5:16	15.90	51.22	33.68	7.85	7.97	2.6	2.71	97.4
745	7/30/2010 5:31	15.87	51.21	33.67	7.73	7.96	2.9	2.63	95.8
746	7/30/2010 5:46	15.65	51.33	33.75	7.80	7.97	3.2	2.54	96.3
747	7/30/2010 6:01	16.02	51.45	33.85	7.71	7.97	2.9	2.44	96.0
748	7/30/2010 6:16	15.69	51.24	33.69	7.40	7.92	3.7	2.35	91.5
749	7/30/2010 6:31	15.92	51.31	33.74	7.57	7.95	2.6	2.25	94.1
750	7/30/2010 6:46	16.02	51.26	33.70	7.47	7.95	2.8	2.15	92.9
751	7/30/2010 7:01	16.17	51.49	33.88	7.54	7.96	2.7	2.06	94.1
752	7/30/2010 7:16	16.29	51.41	33.82	7.49	7.95	2.3	1.96	93.8
753	7/30/2010 7:31	16.40	51.28	33.73	7.45	7.95	2.0	1.88	93.4
754	7/30/2010 7:46	16.48	51.27	33.73	7.45	7.95	1.7	1.80	93.5
755	7/30/2010 8:01	16.52	51.29	33.74	7.41	7.95	1.8	1.74	93.1
756	7/30/2010 8:16	16.69	51.28	33.73	7.43	7.96	1.4	1.69	93.7
757	7/30/2010 8:31	16.83	51.27	33.73	7.44	7.96	1.2	1.65	94.1
758	7/30/2010 8:46	16.89	51.36	33.79	7.50	7.96	1.2	1.63	95.0
759	7/30/2010 9:01	16.84	51.24	33.70	7.47	7.97	1.3	1.66	94.4
760	7/30/2010 9:16	16.93	51.33	33.77	7.49	7.97	1.5	1.66	94.9
761	7/30/2010 9:31	16.94	51.41	33.83	7.46	7.97	1.4	1.69	94.6
762	7/30/2010 9:46	17.06	51.36	33.80	7.43	7.97	1.6	1.76	94.4
763	7/30/2010 10:01	17.09	51.44	33.86	7.41	7.96	2.0	1.82	94.2
764	7/30/2010 10:16	17.06	51.38	33.81	7.42	7.96	2.4	1.88	94.3
765	7/30/2010 10:31	17.20	51.19	33.67	7.23	7.94	5.7	1.95	92.0
766	7/30/2010 10:46	17.19	51.22	33.69	7.18	7.94	6.8	2.04	91.4
767	7/30/2010 11:01	16.98	51.32	33.77	7.32	7.95	4.5	2.11	92.8
768	7/30/2010 11:16	16.89	51.25	33.72	7.39	7.95	3.5	2.17	93.6
769	7/30/2010 11:31	16.83	51.20	33.68	7.43	7.96	3.2	2.27	93.9
770	7/30/2010 11:46	16.74	51.39	33.81	7.47	7.96	3.3	2.36	94.3
771	7/30/2010 12:01	16.56	51.25	33.71	7.63	7.97	3.2	2.43	96.0
772	7/30/2010 12:16	16.41	51.27	33.72	7.82	7.98	3.3	2.51	98.0
773	7/30/2010 12:31	16.29	51.34	33.77	7.94	7.98	3.8	2.60	99.3
774	7/30/2010 12:46	16.20	50.91	33.45	8.09	7.99	3.4	2.68	100.8
775	7/30/2010 13:01	16.01	51.22	33.68	8.18	8.00	3.3	2.75	101.8
776	7/30/2010 13:16	15.79	51.38	33.79	8.30	8.00	2.9	2.84	102.8
777	7/30/2010 13:31	15.60	51.28	33.72	8.40	8.01	2.8	2.91	103.7
778	7/30/2010 13:46	15.39	51.03	33.53	8.50	8.01	4.0	2.99	104.4
779	7/30/2010 14:01	14.93	51.12	33.58	8.79	8.02	5.1	3.06	107.0
780	7/30/2010 14:16	14.67	51.05	33.52	8.96	8.03	3.5	3.13	108.4
781	7/30/2010 14:31	14.32	51.15	33.59	9.15	8.03	2.7	3.21	110.0
782	7/30/2010 14:46	14.00	51.19	33.61	9.29	8.04	2.6	3.27	111.0
783	7/30/2010 15:01	13.69	50.99	33.44	9.43	8.04	1.6	3.32	111.8
784	7/30/2010 15:16	13.51	51.07	33.50	9.58	8.05	0.8	3.37	113.2
785	7/30/2010 15:31	13.38	51.05	33.48	9.71	8.05	0.0	3.40	114.4
786	7/30/2010 15:46	13.35	51.18	33.58	9.60	8.05	0.0	3.41	113.1
787	7/30/2010 16:01	13.46	51.09	33.51	9.56	8.05	0.5	3.42	112.8
788	7/30/2010 16:16	13.37	50.99	33.43	9.59	8.05	0.4	3.39	112.9
789	7/30/2010 16:31	13.47	50.99	33.44	9.46	8.04	1.8	3.34	111.6
790	7/30/2010 16:46	13.76	51.04	33.49	9.41	8.04	1.0	3.29	111.7
791	7/30/2010 17:01	14.47	51.32	33.71	9.31	8.05	1.2	3.22	112.3
792	7/30/2010 17:16	15.13	51.21	33.65	9.23	8.05	2.1	3.14	112.8
793	7/30/2010 17:31	15.41	51.25	33.68	9.30	8.05	2.5	3.06	114.4
794	7/30/2010 17:46	15.51	51.16	33.62	9.19	8.05	2.2	2.96	113.1

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	
795	7/30/2010 18:01	15.77	51.16	33.63	9.17	8.05	2.8	2.89	113.5
796	7/30/2010 18:16	15.84	51.21	33.67	9.27	8.06	2.1	2.81	114.9
797	7/30/2010 18:31	15.82	51.14	33.62	9.48	8.07	1.2	2.72	117.5
798	7/30/2010 18:46	16.09	50.95	33.48	9.43	8.07	1.6	2.65	117.3
799	7/30/2010 19:01	16.24	51.29	33.73	9.48	8.08	1.7	2.57	118.5
800	7/30/2010 19:16	16.03	51.09	33.58	9.61	8.09	1.5	2.48	119.5
801	7/30/2010 19:31	16.30	51.37	33.79	9.55	8.09	1.7	2.41	119.6
802	7/30/2010 19:46	16.53	51.15	33.63	9.41	8.08	1.5	2.35	118.1
803	7/30/2010 20:01	16.33	51.14	33.63	9.36	8.08	1.7	2.27	117.1
804	7/30/2010 20:16	16.39	51.11	33.61	9.12	8.07	1.5	2.20	114.3
805	7/30/2010 20:31	16.33	51.12	33.61	9.11	8.06	1.7	2.14	113.9
806	7/30/2010 20:46	16.55	51.22	33.69	8.84	8.05	1.5	2.10	111.1
807	7/30/2010 21:01	16.84	51.26	33.72	8.60	8.03	1.6	2.07	108.7
808	7/30/2010 21:16	16.95	51.23	33.70	8.53	8.03	1.4	2.03	108.1
809	7/30/2010 21:31	17.19	51.32	33.77	8.41	8.02	1.2	2.03	107.1
810	7/30/2010 21:46	16.99	51.46	33.87	8.46	8.03	1.3	2.05	107.4
811	7/30/2010 22:01	17.17	51.35	33.79	8.46	8.03	1.1	2.05	107.7
812	7/30/2010 22:16	17.10	51.34	33.78	8.45	8.02	1.3	2.09	107.5
813	7/30/2010 22:31	17.26	51.35	33.79	8.46	8.02	1.7	2.13	107.8
814	7/30/2010 22:46	17.22	51.40	33.83	8.42	8.02	1.8	2.19	107.3
815	7/30/2010 23:01	17.17	51.46	33.87	8.38	8.02	2.8	2.26	106.8
816	7/30/2010 23:16	17.27	51.21	33.69	8.29	8.01	5.1	2.30	105.7
817	7/30/2010 23:31	17.26	51.25	33.72	8.26	8.01	5.1	2.36	105.2
818	7/30/2010 23:46	17.00	51.29	33.74	8.39	8.02	2.7	2.43	106.4
819	7/31/2010 0:01	16.87	51.28	33.74	8.44	8.02	2.6	2.49	106.8
820	7/31/2010 0:16	16.80	51.19	33.67	8.45	8.02	2.3	2.55	106.8
821	7/31/2010 0:31	16.57	51.27	33.72	8.49	8.02	2.4	2.60	106.8
822	7/31/2010 0:46	16.23	51.23	33.69	8.47	8.01	2.1	2.65	105.8
823	7/31/2010 1:01	16.06	51.21	33.67	8.48	8.01	1.6	2.71	105.6
824	7/31/2010 1:16	15.96	51.15	33.63	8.47	8.02	1.6	2.77	105.2
825	7/31/2010 1:31	15.80	51.14	33.62	8.51	8.01	1.3	2.81	105.4
826	7/31/2010 1:46	15.65	51.22	33.67	8.55	8.01	0.9	2.87	105.5
827	7/31/2010 2:01	15.52	51.10	33.58	8.60	8.02	0.7	2.92	105.9
828	7/31/2010 2:16	15.40	51.16	33.62	8.65	8.02	0.9	2.97	106.2
829	7/31/2010 2:31	15.20	51.17	33.62	8.67	8.02	0.5	3.01	106.1
830	7/31/2010 2:46	15.02	51.01	33.50	8.72	8.02	0.4	3.05	106.2
831	7/31/2010 3:01	14.92	51.07	33.54	8.70	8.02	0.3	3.09	105.8
832	7/31/2010 3:16	14.82	51.17	33.62	8.70	8.02	0.2	3.11	105.6
833	7/31/2010 3:31	15.00	51.04	33.52	8.59	8.01	0.4	3.13	104.6
834	7/31/2010 3:46	14.98	51.26	33.68	8.36	8.00	0.0	3.13	102.0
835	7/31/2010 4:01	14.75	51.22	33.65	8.54	8.01	0.0	3.11	103.5
836	7/31/2010 4:16	14.71	51.01	33.50	8.60	8.01	0.6	3.08	104.2
837	7/31/2010 4:31	14.78	51.04	33.52	8.58	8.01	0.1	3.04	104.1
838	7/31/2010 4:46	15.14	51.15	33.61	8.39	8.00	1.3	2.98	102.5
839	7/31/2010 5:01	15.41	51.15	33.62	7.96	7.98	2.3	2.91	97.8
840	7/31/2010 5:16	15.58	51.27	33.71	7.94	7.98	2.8	2.84	97.9
841	7/31/2010 5:31	15.70	51.30	33.73	7.79	7.96	2.9	2.77	96.3
842	7/31/2010 5:46	15.73	51.18	33.64	7.70	7.96	2.8	2.68	95.2
843	7/31/2010 6:01	15.80	51.17	33.64	7.59	7.95	2.9	2.60	94.0
844	7/31/2010 6:16	15.90	51.20	33.66	7.34	7.93	3.3	2.52	91.1
845	7/31/2010 6:31	15.47	51.37	33.78	7.23	7.90	2.3	2.43	89.1
846	7/31/2010 6:46	15.99	51.35	33.78	7.40	7.94	2.5	2.36	92.0
847	7/31/2010 7:01	15.96	51.24	33.69	7.29	7.93	2.2	2.27	90.6

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	
848	7/31/2010 7:16	16.06	51.33	33.76	7.34	7.94	2.3	2.18	91.4
849	7/31/2010 7:31	16.18	51.09	33.58	7.37	7.94	1.9	2.11	92.0
850	7/31/2010 7:46	16.19	51.28	33.73	7.28	7.94	1.7	2.04	90.9
851	7/31/2010 8:01	16.08	51.37	33.79	7.24	7.92	1.5	1.96	90.2
852	7/31/2010 8:16	16.17	51.37	33.79	7.23	7.93	1.8	1.90	90.3
853	7/31/2010 8:31	16.22	51.45	33.85	7.23	7.93	1.3	1.86	90.3
854	7/31/2010 8:46	16.33	51.38	33.80	7.24	7.93	1.3	1.82	90.6
855	7/31/2010 9:01	16.55	51.25	33.71	7.31	7.94	1.0	1.79	91.9
856	7/31/2010 9:16	16.66	51.34	33.77	7.11	7.94	0.1	1.80	89.7
857	7/31/2010 9:31	16.69	51.34	33.78	7.33	7.95	1.9	1.81	92.4
858	7/31/2010 9:46	16.71	51.16	33.65	7.36	7.96	1.2	1.83	92.8
859	7/31/2010 10:01	16.73	51.37	33.80	7.34	7.95	2.0	1.86	92.7
860	7/31/2010 10:16	16.77	51.28	33.74	7.25	7.95	1.5	1.90	91.6
861	7/31/2010 10:31	16.76	51.37	33.80	7.28	7.95	1.6	1.96	92.0
862	7/31/2010 10:46	16.77	51.36	33.79	7.31	7.95	1.9	2.02	92.3
863	7/31/2010 11:01	16.86	51.38	33.81	7.28	7.94	2.6	2.07	92.1
864	7/31/2010 11:16	16.95	51.19	33.67	7.26	7.94	3.8	2.15	91.9
865	7/31/2010 11:31	16.84	51.26	33.72	7.24	7.94	3.7	2.22	91.5
866	7/31/2010 11:46	16.68	51.32	33.76	7.39	7.95	2.7	2.28	93.1
867	7/31/2010 12:01	16.63	51.17	33.65	7.48	7.95	2.4	2.36	94.1
868	7/31/2010 12:16	16.58	51.32	33.76	7.53	7.95	2.4	2.43	94.8
869	7/31/2010 12:31	16.42	51.20	33.67	7.54	7.96	2.4	2.50	94.6
870	7/31/2010 12:46	16.29	51.33	33.76	7.73	7.97	2.8	2.58	96.7
871	7/31/2010 13:01	16.17	51.09	33.58	7.89	7.98	2.6	2.65	98.4
872	7/31/2010 13:16	16.01	51.20	33.66	8.06	7.98	2.3	2.73	100.2
873	7/31/2010 13:31	15.92	51.19	33.65	8.17	7.99	2.4	2.80	101.5
874	7/31/2010 13:46	15.82	51.11	33.59	8.31	8.00	2.6	2.87	103.0
875	7/31/2010 14:01	15.67	51.22	33.67	8.43	8.00	2.4	2.95	104.2
876	7/31/2010 14:16	15.50	51.15	33.62	8.45	8.00	3.2	3.02	103.9
877	7/31/2010 14:31	14.99	50.64	33.23	8.65	8.01	3.8	3.10	105.2
878	7/31/2010 14:46	14.77	51.21	33.64	8.78	8.01	3.5	3.16	106.5
879	7/31/2010 15:01	14.46	51.20	33.62	8.92	8.02	3.3	3.22	107.5
880	7/31/2010 15:16	14.15	51.16	33.59	9.00	8.02	2.4	3.29	107.8
881	7/31/2010 15:31	13.78	50.93	33.41	9.07	8.01	1.5	3.34	107.7
882	7/31/2010 15:46	13.61	51.17	33.58	9.11	8.01	0.5	3.38	108.0
883	7/31/2010 16:01	13.47	51.05	33.49	9.11	8.01	0.2	3.40	107.5
884	7/31/2010 16:16	13.35	51.10	33.52	9.14	8.01	0.0	3.42	107.6
885	7/31/2010 16:31	13.47	51.23	33.62	9.03	8.00	0.0	3.41	106.7
886	7/31/2010 16:46	13.50	51.10	33.52	8.96	8.00	0.2	3.38	105.9
887	7/31/2010 17:01	13.63	51.21	33.60	8.96	8.00	0.4	3.35	106.2
888	7/31/2010 17:16	14.22	51.11	33.55	8.96	8.02	1.3	3.29	107.4
889	7/31/2010 17:31	14.95	50.95	33.46	9.01	8.02	1.5	3.22	109.6
890	7/31/2010 17:46	15.32	50.64	33.24	9.04	8.04	2.0	3.14	110.6
891	7/31/2010 18:01	15.45	51.03	33.53	9.08	8.04	2.1	3.06	111.6
892	7/31/2010 18:16	15.60	51.09	33.57	9.13	8.05	2.3	2.98	112.5
893	7/31/2010 18:31	15.79	51.28	33.72	9.20	8.07	2.7	2.91	114.0
894	7/31/2010 18:46	15.86	51.10	33.59	9.35	8.07	2.9	2.82	115.9
895	7/31/2010 19:01	15.76	51.11	33.59	9.32	8.07	2.3	2.75	115.3
896	7/31/2010 19:16	15.81	51.09	33.58	9.25	8.07	3.2	2.67	114.5
897	7/31/2010 19:31	16.03	51.23	33.69	9.13	8.06	5.1	2.58	113.6
898	7/31/2010 19:46	16.12	51.28	33.72	9.08	8.06	4.6	2.51	113.2
899	7/31/2010 20:01	16.35	51.15	33.63	8.99	8.06	4.6	2.43	112.5
900	7/31/2010 20:16	16.27	50.99	33.51	8.87	8.06	5.1	2.35	110.8

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	7/31/2010 20:31	16.53	51.07	33.58	8.76	8.05	4.9	2.29	110.0
902	7/31/2010 20:46	16.60	51.20	33.67	8.65	8.04	5.1	2.21	108.8
903	7/31/2010 21:01	16.43	51.27	33.72	8.54	8.04	4.5	2.14	107.2
904	7/31/2010 21:16	17.05	51.14	33.63	8.39	8.03	3.9	2.09	106.5
905	7/31/2010 21:31	17.09	51.34	33.79	8.31	8.02	3.4	2.04	105.6
906	7/31/2010 21:46	17.49	51.23	33.71	8.25	8.02	3.7	2.01	105.6
907	7/31/2010 22:01	17.58	51.24	33.71	8.14	8.02	3.4	1.98	104.4
908	7/31/2010 22:16	17.77	51.36	33.80	7.96	8.00	2.9	1.98	102.5
909	7/31/2010 22:31	17.67	51.38	33.82	8.04	8.02	3.7	1.98	103.4
910	7/31/2010 22:46	17.81	51.21	33.70	8.37	8.02	3.2	1.99	107.8
911	7/31/2010 23:01	17.85	51.34	33.79	8.41	8.03	3.5	2.02	108.5
912	7/31/2010 23:16	17.84	51.17	33.66	8.39	8.03	3.8	2.06	108.1
913	7/31/2010 23:31	17.86	51.39	33.82	8.33	8.02	4.0	2.10	107.5
914	7/31/2010 23:46	17.80	51.43	33.85	8.36	8.02	3.5	2.15	107.7
915	8/1/2010 0:01	17.90	51.24	33.72	8.31	8.02	4.7	2.21	107.1
916	8/1/2010 0:16	17.85	51.33	33.78	8.26	8.02	4.0	2.26	106.5
917	8/1/2010 0:31	17.85	51.24	33.71	8.20	8.01	4.5	2.32	105.7
918	8/1/2010 0:46	17.71	51.33	33.78	8.30	8.01	3.3	2.36	106.8
919	8/1/2010 1:01	17.61	51.41	33.84	8.28	8.01	3.0	2.41	106.3
920	8/1/2010 1:16	17.50	51.11	33.62	8.30	8.01	2.8	2.47	106.2
921	8/1/2010 1:31	17.37	51.36	33.80	8.31	8.01	2.9	2.52	106.1
922	8/1/2010 1:46	17.08	51.16	33.65	8.35	8.01	2.7	2.56	106.0
923	8/1/2010 2:01	16.78	51.24	33.70	8.38	8.01	2.4	2.60	105.8
924	8/1/2010 2:16	16.47	51.23	33.69	8.42	8.01	1.7	2.66	105.6
925	8/1/2010 2:31	16.27	51.08	33.58	8.46	8.01	1.2	2.71	105.7
926	8/1/2010 2:46	16.19	51.10	33.60	8.46	8.01	0.9	2.75	105.5
927	8/1/2010 3:01	16.12	51.07	33.57	8.46	8.02	0.8	2.80	105.3
928	8/1/2010 3:16	16.08	51.24	33.70	8.43	8.01	0.7	2.83	105.0
929	8/1/2010 3:31	16.03	51.23	33.69	8.41	8.01	0.6	2.87	104.6
930	8/1/2010 3:46	15.94	51.08	33.57	8.43	8.01	0.5	2.90	104.6
931	8/1/2010 4:01	15.84	51.00	33.51	8.39	8.01	0.3	2.92	103.9
932	8/1/2010 4:16	15.71	51.31	33.74	8.31	8.01	0.4	2.94	102.7
933	8/1/2010 4:31	15.69	51.22	33.67	7.87	7.98	0.0	2.95	97.2
934	8/1/2010 4:46	15.89	51.08	33.57	7.75	7.97	0.4	2.95	96.1
935	8/1/2010 5:01	15.91	51.36	33.78	7.86	7.99	0.2	2.92	97.6
936	8/1/2010 5:16	15.80	51.14	33.62	8.07	7.99	0.4	2.89	99.9
937	8/1/2010 5:31	16.01	51.18	33.65	7.74	7.98	0.8	2.86	96.2
938	8/1/2010 5:46	16.35	51.23	33.69	7.73	7.97	2.7	2.80	96.8
939	8/1/2010 6:01	16.52	51.29	33.74	7.50	7.96	3.6	2.74	94.2
940	8/1/2010 6:16	16.40	51.16	33.64	6.98	7.93	5.2	2.67	87.4
941	8/1/2010 6:31	16.32	51.40	33.82	6.84	7.91	4.9	2.61	85.7
942	8/1/2010 6:46	16.34	51.36	33.79	6.89	7.90	5.2	2.53	86.3
943	8/1/2010 7:01	16.53	51.47	33.87	6.97	7.91	4.1	2.47	87.7
944	8/1/2010 7:16	16.68	51.20	33.67	7.18	7.93	2.6	2.41	90.5
945	8/1/2010 7:31	16.74	51.38	33.81	7.16	7.93	3.0	2.34	90.4
946	8/1/2010 7:46	16.74	51.19	33.67	7.16	7.93	2.7	2.26	90.3
947	8/1/2010 8:01	16.57	51.22	33.69	7.02	7.92	2.4	2.21	88.3
948	8/1/2010 8:16	16.76	51.19	33.67	7.13	7.94	1.9	2.15	90.0
949	8/1/2010 8:31	16.84	51.38	33.81	7.08	7.93	2.0	2.09	89.6
950	8/1/2010 8:46	16.89	51.27	33.73	7.03	7.93	2.0	2.05	89.0
951	8/1/2010 9:01	17.06	51.41	33.83	7.03	7.94	1.4	2.00	89.3
952	8/1/2010 9:16	17.03	51.49	33.89	6.87	7.93	1.2	1.99	87.3
953	8/1/2010 9:31	17.15	51.39	33.82	6.73	7.92	1.6	1.97	85.6

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	
954	8/1/2010 9:46	17.25	51.37	33.80	6.86	7.94	1.1	1.95	87.4
955	8/1/2010 10:01	17.21	51.47	33.88	6.62	7.91	1.8	1.97	84.4
956	8/1/2010 10:16	17.23	51.54	33.93	7.07	7.94	1.0	1.98	90.2
957	8/1/2010 10:31	17.27	51.43	33.85	7.10	7.94	1.0	2.00	90.6
958	8/1/2010 10:46	17.26	51.44	33.86	7.06	7.94	1.5	2.04	90.1
959	8/1/2010 11:01	17.32	51.19	33.67	7.16	7.95	1.4	2.08	91.3
960	8/1/2010 11:16	17.32	51.36	33.80	7.22	7.95	1.5	2.13	92.1
961	8/1/2010 11:31	17.29	51.43	33.85	7.24	7.95	1.9	2.20	92.5
962	8/1/2010 11:46	17.37	51.39	33.82	7.31	7.95	3.8	2.24	93.4
963	8/1/2010 12:01	17.35	51.36	33.80	7.25	7.94	3.8	2.31	92.7
964	8/1/2010 12:16	17.22	51.38	33.81	7.36	7.95	3.8	2.38	93.8
965	8/1/2010 12:31	17.14	51.16	33.65	7.35	7.96	2.0	2.44	93.4
966	8/1/2010 12:46	17.01	51.36	33.79	7.44	7.96	5.2	2.50	94.4
967	8/1/2010 13:01	16.79	51.24	33.71	7.45	7.96	1.3	2.57	94.1
968	8/1/2010 13:16	16.50	51.23	33.70	7.74	7.97	1.0	2.64	97.2
969	8/1/2010 13:31	16.35	51.33	33.76	7.92	7.98	0.8	2.71	99.3
970	8/1/2010 13:46	16.29	51.34	33.77	8.05	7.99	0.9	2.77	100.7
971	8/1/2010 14:01	16.10	51.31	33.75	8.16	8.00	1.0	2.85	101.7
972	8/1/2010 14:16	16.01	51.20	33.66	8.24	8.00	0.9	2.92	102.5
973	8/1/2010 14:31	15.63	51.07	33.56	8.27	8.00	0.4	2.98	102.1
974	8/1/2010 14:46	15.55	51.32	33.74	8.36	8.00	1.1	3.05	103.0
975	8/1/2010 15:01	15.35	51.21	33.66	8.39	8.00	1.2	3.12	102.9
976	8/1/2010 15:16	14.98	51.00	33.50	8.52	8.00	0.9	3.18	103.7
977	8/1/2010 15:31	14.72	51.04	33.52	8.63	8.00	0.5	3.24	104.5
978	8/1/2010 15:46	14.59	50.93	33.43	8.66	8.00	0.5	3.29	104.5
979	8/1/2010 16:01	14.32	51.03	33.50	8.76	8.00	0.0	3.35	105.3
980	8/1/2010 16:16	14.17	51.24	33.65	8.79	8.00	0.0	3.38	105.3
981	8/1/2010 16:31	14.06	51.03	33.49	8.58	7.99	0.0	3.41	102.5
982	8/1/2010 16:46	14.03	51.13	33.56	8.33	7.98	0.0	3.42	99.5
983	8/1/2010 17:01	14.19	50.95	33.43	8.52	7.98	0.0	3.42	102.1
984	8/1/2010 17:16	14.02	50.96	33.44	8.53	7.98	0.0	3.41	101.9
985	8/1/2010 17:31	14.15	51.21	33.62	8.57	7.99	0.7	3.37	102.7
986	8/1/2010 17:46	14.49	50.94	33.43	8.37	7.98	0.0	3.32	100.9
987	8/1/2010 18:01	15.53	51.00	33.51	8.77	8.02	0.8	3.26	108.0
988	8/1/2010 18:16	15.67	51.11	33.59	8.74	8.02	1.2	3.19	107.9
989	8/1/2010 18:31	15.94	51.04	33.54	8.83	8.03	1.8	3.12	109.6
990	8/1/2010 18:46	15.94	51.20	33.66	8.83	8.03	1.3	3.04	109.6
991	8/1/2010 19:01	16.18	51.22	33.68	8.88	8.04	2.3	2.96	110.8
992	8/1/2010 19:16	16.23	51.19	33.66	8.92	8.04	1.3	2.90	111.4
993	8/1/2010 19:31	16.36	50.96	33.49	9.04	8.06	1.5	2.80	113.1
994	8/1/2010 19:46	16.51	51.21	33.68	9.08	8.06	1.5	2.74	114.1
995	8/1/2010 20:01	16.70	51.09	33.60	9.19	8.06	2.4	2.66	115.7
996	8/1/2010 20:16	16.47	51.24	33.70	9.25	8.07	1.9	2.57	116.1
997	8/1/2010 20:31	16.67	51.00	33.53	9.12	8.07	2.4	2.51	114.8
998	8/1/2010 20:46	16.95	51.26	33.72	9.03	8.06	3.4	2.42	114.4
999	8/1/2010 21:01	16.67	51.20	33.67	8.91	8.05	2.6	2.35	112.3
1000	8/1/2010 21:16	16.88	51.19	33.67	8.73	8.04	24.2	2.27	110.4
1001	8/1/2010 21:31	16.69	51.28	33.73	8.62	8.03	2.7	2.19	108.6
1002	8/1/2010 21:46	16.85	51.14	33.63	8.49	8.03	2.4	2.13	107.3
1003	8/1/2010 22:01	17.02	51.22	33.70	8.31	8.02	1.6	2.07	105.4
1004	8/1/2010 22:16	17.13	51.23	33.70	8.18	8.01	2.3	2.02	104.0
1005	8/1/2010 22:31	17.43	51.13	33.63	7.98	8.00	2.1	1.97	102.0
1006	8/1/2010 22:46	17.61	51.17	33.67	7.87	8.00	1.0	1.94	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	DO%
			mS/cm		mg/L		NTU	meters	
1007	8/1/2010 23:01	17.73	51.29	33.75	7.70	7.98	0.4	1.93	99.1
1008	8/1/2010 23:16	17.81	51.18	33.67	7.59	8.00	1.0	1.93	97.7
1009	8/1/2010 23:31	17.85	51.30	33.76	7.82	8.00	1.5	1.92	100.9
1010	8/1/2010 23:46	18.00	51.43	33.86	7.99	8.00	1.2	1.94	103.3
1011	8/2/2010 0:01	17.98	51.44	33.87	7.97	8.00	1.6	1.99	103.1
1012	8/2/2010 0:16	17.99	51.46	33.88	7.99	8.00	1.7	2.02	103.4
1013	8/2/2010 0:31	17.99	51.42	33.85	7.98	8.00	2.1	2.04	103.3
1014	8/2/2010 0:46	17.94	51.28	33.75	7.97	8.00	2.4	2.11	102.9
1015	8/2/2010 1:01	18.03	51.42	33.85	7.93	7.99	3.9	2.15	102.6
1016	8/2/2010 1:16	18.02	51.27	33.74	7.84	7.99	3.4	2.19	101.4
1017	8/2/2010 1:31	17.92	51.37	33.81	7.84	7.99	3.1	2.24	101.2
1018	8/2/2010 1:46	17.93	51.11	33.62	7.87	7.99	4.0	2.30	101.5
1019	8/2/2010 2:01	17.87	51.26	33.73	7.91	7.99	3.8	2.33	102.0
1020	8/2/2010 2:16	17.76	51.36	33.80	7.94	8.00	3.4	2.39	102.2
1021	8/2/2010 2:31	17.69	51.36	33.80	7.95	8.00	3.1	2.43	102.2
1022	8/2/2010 2:46	17.61	51.27	33.73	8.01	8.00	2.8	2.47	102.7
1023	8/2/2010 3:01	17.33	51.35	33.79	8.09	8.00	2.7	2.53	103.3
1024	8/2/2010 3:16	17.10	51.31	33.76	8.13	8.00	2.9	2.57	103.3
1025	8/2/2010 3:31	16.91	51.25	33.71	8.15	8.00	2.6	2.61	103.2
1026	8/2/2010 3:46	16.79	51.12	33.62	8.14	8.00	1.8	2.65	102.7
1027	8/2/2010 4:01	16.60	51.20	33.67	8.22	8.00	1.2	2.69	103.4
1028	8/2/2010 4:16	16.50	51.16	33.64	8.23	8.00	1.0	2.73	103.3
1029	8/2/2010 4:31	16.42	51.09	33.59	8.22	8.00	1.0	2.75	103.0
1030	8/2/2010 4:46	16.40	51.32	33.76	8.18	8.00	0.7	2.77	102.6
1031	8/2/2010 5:01	16.38	51.03	33.55	8.21	8.00	0.9	2.81	102.8
1032	8/2/2010 5:16	16.37	51.06	33.56	8.14	8.01	0.7	2.81	101.8
1033	8/2/2010 5:31	16.46	51.31	33.75	7.90	7.99	0.5	2.81	99.1
1034	8/2/2010 5:46	16.36	51.31	33.75	7.73	7.98	0.2	2.81	96.9
1035	8/2/2010 6:01	16.37	51.08	33.58	7.59	7.98	0.3	2.80	95.0
1036	8/2/2010 6:16	16.33	51.30	33.74	7.69	7.98	0.0	2.77	96.3
1037	8/2/2010 6:31	16.36	51.22	33.68	7.82	7.98	0.9	2.74	97.9
1038	8/2/2010 6:46	16.52	51.21	33.68	7.59	7.96	1.8	2.70	95.3
1039	8/2/2010 7:01	16.67	51.17	33.65	6.97	7.92	3.7	2.65	87.8
1040	8/2/2010 7:16	16.69	51.12	33.61	7.06	7.92	4.1	2.61	88.9
1041	8/2/2010 7:31	16.81	51.27	33.73	7.09	7.92	2.9	2.55	89.6
1042	8/2/2010 7:46	16.92	51.42	33.84	7.07	7.93	3.1	2.49	89.6
1043	8/2/2010 8:01	17.00	51.32	33.76	7.10	7.93	2.6	2.45	90.1
1044	8/2/2010 8:16	17.08	51.41	33.83	7.04	7.93	2.3	2.40	89.5
1045	8/2/2010 8:31	17.02	51.11	33.61	7.10	7.91	2.3	2.34	90.0
1046	8/2/2010 8:46	17.07	51.40	33.83	7.06	7.91	2.1	2.30	89.7
1047	8/2/2010 9:01	17.25	51.12	33.63	7.18	7.94	1.5	2.26	91.5
1048	8/2/2010 9:16	17.19	51.50	33.90	7.11	7.93	2.1	2.23	90.6
1049	8/2/2010 9:31	17.24	51.24	33.71	7.09	7.93	0.8	2.20	90.3
1050	8/2/2010 9:46	17.33	51.20	33.68	7.06	7.93	0.9	2.17	90.1
1051	8/2/2010 10:01	17.36	51.39	33.82	6.52	7.90	0.1	2.17	83.3
1052	8/2/2010 10:16	17.37	51.30	33.75	6.82	7.93	1.4	2.15	87.1
1053	8/2/2010 10:31	17.37	51.19	33.68	7.34	7.95	1.5	2.16	93.7
1054	8/2/2010 10:46	17.43	51.24	33.71	7.36	7.96	1.4	2.18	94.1
1055	8/2/2010 11:01	17.52	51.16	33.66	7.42	7.96	1.4	2.19	95.1
1056	8/2/2010 11:16	17.48	51.47	33.88	7.39	7.96	2.1	2.22	94.7
1057	8/2/2010 11:31	17.52	51.38	33.81	7.48	7.96	1.7	2.26	95.9
1058	8/2/2010 11:46	17.49	51.06	33.58	7.46	7.97	1.8	2.30	95.4
1059	8/2/2010 12:01	17.44	51.45	33.87	7.42	7.96	2.4	2.34	95.0

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	
1060	8/2/2010 12:16	17.35	51.41	33.84	7.30	7.95	2.7	2.39	93.2
1061	8/2/2010 12:31	17.37	51.45	33.87	7.39	7.95	2.7	2.44	94.4
1062	8/2/2010 12:46	17.28	51.29	33.75	7.38	7.95	2.7	2.49	94.1
1063	8/2/2010 13:01	17.15	51.33	33.77	7.36	7.95	2.3	2.55	93.7
1064	8/2/2010 13:16	17.04	51.16	33.65	7.43	7.95	2.1	2.60	94.3
1065	8/2/2010 13:31	16.89	51.28	33.74	7.55	7.96	2.4	2.66	95.6
1066	8/2/2010 13:46	16.64	51.20	33.67	7.80	7.97	2.4	2.72	98.2
1067	8/2/2010 14:01	16.39	51.11	33.61	8.04	7.99	2.3	2.78	100.7
1068	8/2/2010 14:16	16.18	51.11	33.60	8.15	7.99	1.5	2.85	101.6
1069	8/2/2010 14:31	15.94	50.97	33.49	8.22	7.99	1.8	2.91	102.0
1070	8/2/2010 14:46	15.80	51.22	33.67	8.28	7.99	2.0	2.98	102.6
1071	8/2/2010 15:01	15.68	51.07	33.56	8.32	8.00	1.5	3.04	102.7
1072	8/2/2010 15:16	15.59	51.13	33.61	8.39	8.00	1.7	3.10	103.4
1073	8/2/2010 15:31	15.39	51.11	33.59	8.43	8.00	1.7	3.17	103.5
1074	8/2/2010 15:46	15.12	50.64	33.23	8.46	8.00	1.5	3.23	103.1
1075	8/2/2010 16:01	14.69	50.93	33.43	8.44	7.98	1.3	3.29	102.1
1076	8/2/2010 16:16	14.56	51.01	33.49	8.46	7.99	1.1	3.35	102.1
1077	8/2/2010 16:31	14.43	51.19	33.62	8.50	7.99	0.2	3.39	102.4
1078	8/2/2010 16:46	14.27	50.95	33.44	8.53	7.99	0.1	3.43	102.4
1079	8/2/2010 17:01	13.98	51.18	33.60	8.49	7.98	0.0	3.47	101.3
1080	8/2/2010 17:16	13.91	50.89	33.39	8.42	7.98	0.0	3.49	100.3
1081	8/2/2010 17:31	14.23	51.14	33.58	8.26	7.97	0.0	3.48	99.1
1082	8/2/2010 17:46	14.13	51.00	33.47	8.12	7.96	0.0	3.47	97.1
1083	8/2/2010 18:01	14.09	51.12	33.56	7.91	7.95	0.0	3.45	94.7
1084	8/2/2010 18:16	14.22	50.95	33.44	8.03	7.96	0.0	3.41	96.3
1085	8/2/2010 18:31	14.91	51.00	33.49	8.53	8.00	0.7	3.35	103.8
1086	8/2/2010 18:46	15.66	51.18	33.64	8.76	8.02	1.2	3.28	108.2
1087	8/2/2010 19:01	15.83	51.12	33.60	8.72	8.02	1.0	3.23	108.0
1088	8/2/2010 19:16	15.93	51.03	33.54	8.65	8.02	1.2	3.15	107.3
1089	8/2/2010 19:31	16.08	51.11	33.60	8.68	8.02	1.2	3.07	108.1
1090	8/2/2010 19:46	16.16	51.11	33.60	8.70	8.02	1.6	2.99	108.4
1091	8/2/2010 20:01	16.34	51.17	33.65	8.68	8.03	2.0	2.93	108.6
1092	8/2/2010 20:16	16.47	51.12	33.61	8.64	8.04	2.3	2.85	108.3
1093	8/2/2010 20:31	16.75	51.20	33.67	8.60	8.03	1.4	2.78	108.6
1094	8/2/2010 20:46	16.79	51.05	33.57	8.84	8.05	1.6	2.70	111.6
1095	8/2/2010 21:01	16.73	51.10	33.60	8.84	8.05	0.2	2.63	111.4
1096	8/2/2010 21:16	16.63	51.27	33.73	8.82	8.05	0.5	2.56	111.1
1097	8/2/2010 21:31	16.64	51.17	33.65	8.75	8.04	1.8	2.47	110.1
1098	8/2/2010 21:46	16.46	51.05	33.56	8.55	8.02	2.1	2.38	107.2
1099	8/2/2010 22:01	16.68	51.03	33.55	8.44	8.02	1.9	2.31	106.3
1100	8/2/2010 22:16	16.71	51.16	33.65	8.23	8.00	1.7	2.24	103.7
1101	8/2/2010 22:31	16.71	51.23	33.69	8.07	7.99	1.8	2.15	101.8
1102	8/2/2010 22:46	16.72	51.24	33.70	7.86	7.98	1.8	2.07	99.1
1103	8/2/2010 23:01	16.94	51.22	33.70	7.67	7.97	1.1	2.01	97.2
1104	8/2/2010 23:16	17.12	51.27	33.73	7.64	7.97	1.0	1.96	97.1
1105	8/2/2010 23:31	17.32	51.06	33.58	7.59	7.97	1.1	1.90	96.8
1106	8/2/2010 23:46	17.51	51.32	33.77	7.31	7.95	0.0	1.87	93.6
1107	8/3/2010 0:01	17.76	51.37	33.81	7.61	7.98	0.4	1.85	98.0
1108	8/3/2010 0:16	17.77	51.36	33.80	7.25	7.97	0.4	1.85	93.3
1109	8/3/2010 0:31	17.76	51.39	33.83	7.62	7.98	0.8	1.85	98.2
1110	8/3/2010 0:46	17.77	51.40	33.83	7.70	7.98	0.5	1.84	99.2
1111	8/3/2010 1:01	17.72	51.20	33.69	7.77	7.98	0.8	1.89	99.8
1112	8/3/2010 1:16	17.73	51.34	33.79	7.73	7.98	0.9	1.93	99.5

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	
1113	8/3/2010 1:31	17.75	51.37	33.81	7.72	7.98	1.1	1.96	99.4
1114	8/3/2010 1:46	17.69	51.30	33.76	7.71	7.98	1.2	2.00	99.1
1115	8/3/2010 2:01	17.66	51.28	33.75	7.68	7.98	1.3	2.04	98.6
1116	8/3/2010 2:16	17.75	51.19	33.68	7.56	7.97	2.9	2.10	97.2
1117	8/3/2010 2:31	17.72	51.14	33.64	7.54	7.96	2.6	2.14	96.9
1118	8/3/2010 2:46	17.64	51.21	33.69	7.53	7.97	2.0	2.18	96.6
1119	8/3/2010 3:01	17.66	51.22	33.70	7.56	7.97	3.5	2.23	97.0
1120	8/3/2010 3:16	17.61	51.20	33.68	7.61	7.97	3.3	2.28	97.6
1121	8/3/2010 3:31	17.51	51.38	33.82	7.64	7.97	2.6	2.33	97.9
1122	8/3/2010 3:46	17.44	51.36	33.80	7.66	7.97	2.4	2.37	98.0
1123	8/3/2010 4:01	17.36	51.07	33.59	7.72	7.98	2.7	2.41	98.5
1124	8/3/2010 4:16	17.27	51.35	33.79	7.73	7.98	2.7	2.45	98.6
1125	8/3/2010 4:31	17.05	51.21	33.69	7.81	7.98	2.3	2.50	99.1
1126	8/3/2010 4:46	16.89	51.23	33.70	7.84	7.98	2.2	2.55	99.2
1127	8/3/2010 5:01	16.73	51.14	33.63	7.86	7.99	1.5	2.58	99.2
1128	8/3/2010 5:16	16.67	50.99	33.52	7.88	7.99	1.0	2.62	99.2
1129	8/3/2010 5:31	16.64	51.21	33.68	7.83	7.98	1.2	2.65	98.5
1130	8/3/2010 5:46	16.53	51.12	33.61	7.88	7.99	1.3	2.68	99.0
1131	8/3/2010 6:01	16.49	51.11	33.60	7.87	7.99	1.2	2.70	98.8
1132	8/3/2010 6:16	16.44	51.11	33.61	7.85	7.99	0.5	2.72	98.4
1133	8/3/2010 6:31	16.43	51.15	33.64	7.74	7.98	0.4	2.73	97.0
1134	8/3/2010 6:46	16.42	51.09	33.59	7.26	7.96	0.0	2.74	91.0
1135	8/3/2010 7:01	16.46	51.20	33.67	7.28	7.96	0.0	2.74	91.3
1136	8/3/2010 7:16	16.49	50.94	33.48	6.80	7.93	0.4	2.72	85.3
1137	8/3/2010 7:31	16.41	51.09	33.59	7.24	7.96	0.4	2.71	90.7
1138	8/3/2010 7:46	16.44	51.07	33.58	7.18	7.96	0.3	2.70	90.0
1139	8/3/2010 8:01	16.53	50.76	33.35	7.05	7.94	0.5	2.65	88.4
1140	8/3/2010 8:16	16.61	51.16	33.64	7.09	7.94	1.6	2.62	89.2
1141	8/3/2010 8:31	16.71	51.20	33.67	7.30	7.95	2.4	2.58	92.1
1142	8/3/2010 8:46	16.74	51.26	33.72	7.23	7.94	2.6	2.54	91.3
1143	8/3/2010 9:01	16.84	51.08	33.59	7.11	7.93	1.3	2.50	89.8
1144	8/3/2010 9:16	16.94	51.12	33.62	7.12	7.93	2.0	2.45	90.1
1145	8/3/2010 9:31	17.01	51.15	33.64	7.16	7.94	1.8	2.42	90.8
1146	8/3/2010 9:46	17.09	51.33	33.77	7.16	7.94	1.2	2.40	91.0
1147	8/3/2010 10:01	17.18	50.95	33.50	7.20	7.95	1.2	2.35	91.5
1148	8/3/2010 10:16	17.21	51.30	33.76	7.14	7.94	0.8	2.33	90.9
1149	8/3/2010 10:31	17.21	51.42	33.84	7.08	7.93	0.0	2.32	90.3
1150	8/3/2010 10:46	17.26	51.35	33.79	7.13	7.95	1.2	2.30	90.9
1151	8/3/2010 11:01	17.22	51.32	33.77	6.89	7.92	0.7	2.31	87.8
1152	8/3/2010 11:16	17.30	51.32	33.77	6.92	7.91	0.0	2.31	88.3
1153	8/3/2010 11:31	17.30	51.27	33.73	7.23	7.94	0.2	2.32	92.3
1154	8/3/2010 11:46	17.29	51.17	33.66	7.18	7.94	0.5	2.33	91.5
1155	8/3/2010 12:01	17.20	51.27	33.73	7.30	7.95	1.9	2.36	92.9
1156	8/3/2010 12:16	17.16	51.31	33.76	7.28	7.95	1.6	2.38	92.7
1157	8/3/2010 12:31	17.12	51.23	33.70	7.28	7.95	1.6	2.41	92.5
1158	8/3/2010 12:46	17.03	51.24	33.70	7.27	7.94	1.7	2.46	92.2
1159	8/3/2010 13:01	16.93	51.12	33.62	7.27	7.94	1.9	2.49	92.1
1160	8/3/2010 13:16	16.88	51.29	33.74	7.31	7.95	1.7	2.53	92.5
1161	8/3/2010 13:31	16.75	51.04	33.56	7.53	7.96	1.4	2.58	95.0
1162	8/3/2010 13:46	16.68	51.05	33.57	7.68	7.96	0.7	2.63	96.7
1163	8/3/2010 14:01	16.60	51.08	33.58	7.75	7.97	0.4	2.68	97.4
1164	8/3/2010 14:16	16.50	51.20	33.67	7.77	7.97	0.7	2.74	97.5
1165	8/3/2010 14:31	16.33	51.23	33.69	7.77	7.97	0.4	2.79	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	DO%
			mS/cm		mg/L		NTU	meters	
1166	8/3/2010 14:46	16.19	51.14	33.62	7.89	7.98	1.2	2.85	98.5
1167	8/3/2010 15:01	15.91	50.84	33.40	7.99	7.99	0.2	2.91	99.1
1168	8/3/2010 15:16	15.81	51.04	33.54	8.07	7.98	0.6	2.97	99.9
1169	8/3/2010 15:31	15.65	51.13	33.60	8.09	7.98	0.4	3.03	99.8
1170	8/3/2010 15:46	15.44	50.86	33.40	8.09	7.98	0.2	3.09	99.3
1171	8/3/2010 16:01	15.25	51.07	33.55	8.07	7.98	0.0	3.16	98.8
1172	8/3/2010 16:16	14.69	51.24	33.66	8.01	7.97	0.0	3.22	97.0
1173	8/3/2010 16:31	14.45	51.27	33.68	8.00	7.96	0.0	3.28	96.5
1174	8/3/2010 16:46	14.27	50.93	33.42	7.99	7.96	0.0	3.33	95.9
1175	8/3/2010 17:01	14.18	51.14	33.57	7.96	7.95	0.0	3.38	95.4
1176	8/3/2010 17:16	14.09	51.01	33.48	7.99	7.95	0.0	3.43	95.5
1177	8/3/2010 17:31	13.98	51.10	33.54	7.96	7.95	0.0	3.46	95.0
1178	8/3/2010 17:46	13.83	51.20	33.61	7.95	7.90	0.0	3.48	94.6
1179	8/3/2010 18:01	13.79	51.11	33.54	7.75	7.88	0.0	3.50	92.1
1180	8/3/2010 18:16	13.85	51.10	33.54	7.38	7.91	0.0	3.50	87.8
1181	8/3/2010 18:31	13.80	51.16	33.58	7.61	7.93	0.0	3.49	90.5
1182	8/3/2010 18:46	13.78	51.17	33.58	7.46	7.92	0.0	3.47	88.7
1183	8/3/2010 19:01	13.87	51.06	33.50	7.58	7.92	0.0	3.42	90.2
1184	8/3/2010 19:16	14.24	51.04	33.50	7.79	7.95	0.0	3.38	93.5
1185	8/3/2010 19:31	15.05	50.97	33.47	8.14	7.98	0.4	3.33	99.3
1186	8/3/2010 19:46	15.20	51.06	33.54	8.12	7.98	0.5	3.26	99.4
1187	8/3/2010 20:01	15.30	50.86	33.40	8.13	7.98	1.1	3.19	99.5
1188	8/3/2010 20:16	15.17	51.04	33.53	8.06	7.98	1.0	3.12	98.5
1189	8/3/2010 20:31	15.15	50.87	33.40	8.11	7.98	1.0	3.05	99.0
1190	8/3/2010 20:46	15.39	51.24	33.68	8.20	7.99	1.5	2.97	100.7
1191	8/3/2010 21:01	15.39	51.18	33.64	8.30	7.99	1.8	2.89	102.0
1192	8/3/2010 21:16	15.74	51.38	33.79	8.37	8.01	1.8	2.82	103.7
1193	8/3/2010 21:31	16.02	51.06	33.56	8.48	8.02	2.1	2.74	105.4
1194	8/3/2010 21:46	15.94	51.00	33.51	8.39	8.01	2.0	2.66	104.2
1195	8/3/2010 22:01	15.96	51.16	33.63	8.35	8.00	2.0	2.59	103.7
1196	8/3/2010 22:16	15.91	51.35	33.77	8.13	7.99	2.4	2.50	101.0
1197	8/3/2010 22:31	16.05	51.15	33.63	8.03	7.98	2.4	2.41	99.9
1198	8/3/2010 22:46	16.09	51.23	33.69	7.89	7.97	2.4	2.33	98.3
1199	8/3/2010 23:01	16.25	51.28	33.73	7.80	7.96	2.1	2.24	97.5
1200	8/3/2010 23:16	16.38	51.35	33.78	7.73	7.96	2.1	2.14	96.9
1201	8/3/2010 23:31	16.48	51.32	33.76	7.63	7.95	2.1	2.06	95.8
1202	8/3/2010 23:46	16.73	51.11	33.61	7.61	7.96	1.9	1.99	96.0
1203	8/4/2010 0:01	16.71	51.23	33.70	7.50	7.95	1.8	1.91	94.6
1204	8/4/2010 0:16	16.93	51.31	33.76	7.48	7.95	0.9	1.85	94.8
1205	8/4/2010 0:31	17.13	51.27	33.73	7.37	7.95	0.2	1.80	93.7
1206	8/4/2010 0:46	17.31	51.34	33.78	7.43	7.96	1.2	1.76	94.9
1207	8/4/2010 1:01	17.44	51.36	33.80	7.44	7.96	1.4	1.73	95.2
1208	8/4/2010 1:16	17.63	51.26	33.73	7.20	7.94	1.0	1.71	92.4
1209	8/4/2010 1:31	17.65	51.39	33.83	7.06	7.94	1.8	1.72	90.7
1210	8/4/2010 1:46	17.68	51.32	33.77	7.53	7.97	7.6	1.73	96.7
1211	8/4/2010 2:01	17.67	51.40	33.83	7.65	7.98	0.9	1.74	98.4
1212	8/4/2010 2:16	17.61	51.34	33.78	7.69	7.97	1.0	1.78	98.7
1213	8/4/2010 2:31	17.75	51.26	33.73	7.72	7.98	1.3	1.82	99.3
1214	8/4/2010 2:46	17.73	51.39	33.83	7.75	7.98	1.2	1.87	99.7
1215	8/4/2010 3:01	17.70	51.43	33.85	7.71	7.98	1.2	1.91	99.2
1216	8/4/2010 3:16	17.71	51.35	33.80	7.60	7.97	2.4	1.94	97.7
1217	8/4/2010 3:31	17.68	51.28	33.74	7.56	7.97	2.4	2.00	97.1
1218	8/4/2010 3:46	17.59	51.36	33.80	7.57	7.97	2.4	2.05	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	DO%
			mS/cm		mg/L		NTU	meters	
1219	8/4/2010 4:01	17.58	51.44	33.86	7.48	7.96	2.3	2.09	96.0
1220	8/4/2010 4:16	17.58	51.39	33.82	7.50	7.96	3.5	2.15	96.2
1221	8/4/2010 4:31	17.51	51.45	33.87	7.60	7.97	3.1	2.20	97.4
1222	8/4/2010 4:46	17.40	51.35	33.80	7.59	7.97	2.6	2.26	97.1
1223	8/4/2010 5:01	17.33	51.25	33.72	7.57	7.97	2.4	2.30	96.6
1224	8/4/2010 5:16	17.28	51.40	33.83	7.59	7.97	2.6	2.36	96.8
1225	8/4/2010 5:31	17.08	51.38	33.81	7.69	7.97	3.4	2.42	97.7
1226	8/4/2010 5:46	16.94	51.26	33.72	7.67	7.97	2.9	2.46	97.2
1227	8/4/2010 6:01	16.81	51.38	33.81	7.68	7.98	2.7	2.53	97.1
1228	8/4/2010 6:16	16.66	51.30	33.75	7.72	7.98	2.1	2.56	97.3
1229	8/4/2010 6:31	16.61	51.40	33.82	7.71	7.98	1.6	2.59	97.0
1230	8/4/2010 6:46	16.51	51.23	33.69	7.74	7.98	1.2	2.63	97.3
1231	8/4/2010 7:01	16.44	51.27	33.72	7.71	7.98	0.9	2.67	96.7
1232	8/4/2010 7:16	16.39	51.14	33.63	7.72	7.98	0.9	2.70	96.8
1233	8/4/2010 7:31	16.37	50.96	33.49	7.67	7.98	0.9	2.71	96.0
1234	8/4/2010 7:46	16.36	51.22	33.68	7.66	7.97	0.9	2.73	96.0
1235	8/4/2010 8:01	16.33	51.38	33.80	7.56	7.97	0.8	2.75	94.7
1236	8/4/2010 8:16	16.27	51.36	33.78	7.20	7.94	0.1	2.75	90.0
1237	8/4/2010 8:31	16.41	51.20	33.67	7.14	7.94	0.6	2.75	89.5
1238	8/4/2010 8:46	16.34	51.30	33.74	7.07	7.94	0.2	2.73	88.5
1239	8/4/2010 9:01	16.23	51.13	33.62	7.48	7.96	3.7	2.74	93.5
1240	8/4/2010 9:16	16.24	51.19	33.66	7.47	7.96	0.4	2.70	93.3
1241	8/4/2010 9:31	16.33	51.30	33.74	7.48	7.96	1.8	2.67	93.7
1242	8/4/2010 9:46	16.45	51.27	33.72	7.49	7.96	1.0	2.65	94.0
1243	8/4/2010 10:01	16.54	51.30	33.75	7.50	7.96	1.5	2.61	94.3
1244	8/4/2010 10:16	16.64	51.32	33.76	7.33	7.95	1.7	2.59	92.3
1245	8/4/2010 10:31	16.71	51.17	33.65	7.30	7.94	1.8	2.55	92.0
1246	8/4/2010 10:46	16.79	51.20	33.68	7.25	7.94	1.5	2.50	91.6
1247	8/4/2010 11:01	16.86	51.24	33.71	7.32	7.94	1.3	2.49	92.6
1248	8/4/2010 11:16	16.90	51.14	33.63	7.33	7.95	3.4	2.47	92.8
1249	8/4/2010 11:31	16.95	51.21	33.68	7.26	7.95	1.2	2.45	92.0
1250	8/4/2010 11:46	17.00	51.12	33.62	7.26	7.95	1.5	2.43	92.0
1251	8/4/2010 12:01	17.04	51.29	33.75	6.88	7.93	0.0	2.43	87.4
1252	8/4/2010 12:16	16.98	51.25	33.71	7.35	7.95	2.0	2.43	93.1
1253	8/4/2010 12:31	16.91	51.07	33.58	7.34	7.95	3.3	2.43	92.8
1254	8/4/2010 12:46	16.93	51.24	33.71	7.28	7.94	2.5	2.45	92.2
1255	8/4/2010 13:01	16.91	51.37	33.81	7.33	7.95	2.1	2.45	92.9
1256	8/4/2010 13:16	16.85	51.17	33.65	7.48	7.95	1.6	2.49	94.6
1257	8/4/2010 13:31	16.77	51.15	33.64	7.45	7.95	1.8	2.51	94.0
1258	8/4/2010 13:46	16.68	51.09	33.59	7.54	7.96	2.1	2.55	94.9
1259	8/4/2010 14:01	16.61	51.34	33.77	7.49	7.96	2.4	2.59	94.3
1260	8/4/2010 14:16	16.56	51.21	33.68	7.52	7.96	1.8	2.63	94.5
1261	8/4/2010 14:31	16.50	51.09	33.59	7.56	7.96	1.6	2.68	94.9
1262	8/4/2010 14:46	16.47	51.24	33.70	7.66	7.97	1.3	2.72	96.2
1263	8/4/2010 15:01	16.44	51.08	33.58	7.68	7.97	1.1	2.77	96.2
1264	8/4/2010 15:16	16.30	51.14	33.63	7.68	7.97	1.0	2.82	96.0
1265	8/4/2010 15:31	15.91	50.93	33.46	7.68	7.96	1.6	2.88	95.2
1266	8/4/2010 15:46	15.71	51.21	33.67	7.72	7.96	1.3	2.93	95.5
1267	8/4/2010 16:01	15.54	51.13	33.60	7.80	7.96	1.1	2.99	96.1
1268	8/4/2010 16:16	14.98	51.22	33.65	7.75	7.95	1.2	3.05	94.4
1269	8/4/2010 16:31	14.71	51.00	33.48	7.75	7.95	1.0	3.11	93.8
1270	8/4/2010 16:46	14.41	51.11	33.56	7.75	7.94	1.0	3.17	93.3
1271	8/4/2010 17:01	14.18	51.08	33.53	7.72	7.94	0.5	3.23	92.5

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	
1272	8/4/2010 17:16	14.04	51.17	33.59	7.68	7.94	0.3	3.29	91.8
1273	8/4/2010 17:31	13.89	51.12	33.55	7.74	7.94	0.5	3.34	92.2
1274	8/4/2010 17:46	13.65	51.36	33.71	7.71	7.94	0.4	3.39	91.5
1275	8/4/2010 18:01	13.35	51.05	33.48	7.59	7.88	0.0	3.44	89.4
1276	8/4/2010 18:16	13.17	51.40	33.73	7.53	7.93	0.0	3.48	88.5
1277	8/4/2010 18:31	12.94	51.37	33.70	7.45	7.87	0.0	3.51	87.1
1278	8/4/2010 18:46	12.89	51.39	33.71	7.41	7.92	0.0	3.53	86.5
1279	8/4/2010 19:01	12.85	51.21	33.58	7.36	7.86	0.0	3.55	85.9
1280	8/4/2010 19:16	12.90	51.43	33.74	7.13	7.85	0.0	3.55	83.3
1281	8/4/2010 19:31	12.98	51.27	33.63	7.09	7.85	0.0	3.54	82.9
1282	8/4/2010 19:46	12.98	51.31	33.66	7.20	7.85	0.0	3.52	84.2
1283	8/4/2010 20:01	13.10	51.30	33.65	7.22	7.92	0.0	3.47	84.7
1284	8/4/2010 20:16	14.08	51.17	33.59	7.67	7.95	0.2	3.43	91.7
1285	8/4/2010 20:31	14.76	51.34	33.74	7.86	7.97	1.1	3.37	95.4
1286	8/4/2010 20:46	14.72	51.32	33.72	7.69	7.95	1.3	3.31	93.2
1287	8/4/2010 21:01	14.62	51.16	33.60	7.58	7.94	0.5	3.24	91.7
1288	8/4/2010 21:16	14.74	51.05	33.52	7.59	7.94	1.6	3.16	91.9
1289	8/4/2010 21:31	14.91	51.08	33.55	7.71	7.95	0.7	3.09	93.7
1290	8/4/2010 21:46	15.34	51.27	33.70	7.88	7.97	1.2	3.00	96.7
1291	8/4/2010 22:01	15.80	51.07	33.56	8.12	8.00	1.6	2.92	100.5
1292	8/4/2010 22:16	15.80	51.31	33.74	8.15	8.00	1.8	2.84	101.1
1293	8/4/2010 22:31	16.10	51.32	33.75	8.29	8.02	1.5	2.75	103.3
1294	8/4/2010 22:46	16.07	51.27	33.71	8.22	8.02	1.4	2.66	102.4
1295	8/4/2010 23:01	15.71	51.15	33.62	7.99	7.99	1.2	2.56	98.7
1296	8/4/2010 23:16	15.63	51.10	33.58	7.84	7.97	2.1	2.48	96.7
1297	8/4/2010 23:31	15.81	51.20	33.66	7.65	7.96	1.8	2.38	94.8
1298	8/4/2010 23:46	15.66	51.15	33.62	7.47	7.94	2.4	2.26	92.2
1299	8/5/2010 0:01	15.53	51.25	33.69	7.39	7.93	3.0	2.17	91.0
1300	8/5/2010 0:16	15.69	51.30	33.73	7.25	7.92	2.5	2.07	89.7
1301	8/5/2010 0:31	15.77	51.20	33.66	7.21	7.92	1.8	1.96	89.2
1302	8/5/2010 0:46	16.07	51.35	33.78	7.19	7.92	2.1	1.87	89.6
1303	8/5/2010 1:01	16.13	51.34	33.77	7.14	7.92	1.8	1.79	89.1
1304	8/5/2010 1:16	16.33	51.20	33.67	7.14	7.92	1.5	1.71	89.3
1305	8/5/2010 1:31	16.45	51.43	33.84	7.11	7.92	1.5	1.66	89.3
1306	8/5/2010 1:46	16.59	51.48	33.88	7.11	7.93	2.3	1.60	89.6
1307	8/5/2010 2:01	16.95	51.24	33.71	7.08	7.93	0.7	1.57	89.7
1308	8/5/2010 2:16	16.97	51.22	33.70	7.00	7.93	0.0	1.56	88.8
1309	8/5/2010 2:31	17.06	51.38	33.81	6.89	7.93	0.3	1.53	87.6
1310	8/5/2010 2:46	16.97	51.45	33.86	7.05	7.94	0.9	1.56	89.4
1311	8/5/2010 3:01	17.21	51.27	33.74	7.22	7.95	0.8	1.58	92.0
1312	8/5/2010 3:16	17.12	51.22	33.69	7.30	7.95	0.9	1.61	92.8
1313	8/5/2010 3:31	17.18	51.15	33.64	7.37	7.96	1.3	1.66	93.8
1314	8/5/2010 3:46	17.20	51.41	33.83	7.39	7.96	1.2	1.71	94.1
1315	8/5/2010 4:01	17.16	51.50	33.90	7.31	7.96	0.9	1.76	93.0
1316	8/5/2010 4:16	17.16	51.26	33.73	7.22	7.95	2.6	1.80	91.9
1317	8/5/2010 4:31	17.12	51.28	33.74	7.20	7.95	1.9	1.87	91.5
1318	8/5/2010 4:46	17.06	51.37	33.81	7.17	7.94	2.3	1.93	91.1
1319	8/5/2010 5:01	17.07	51.13	33.63	7.15	7.94	3.7	1.97	90.7
1320	8/5/2010 5:16	17.03	51.32	33.76	7.16	7.94	2.9	2.04	90.8
1321	8/5/2010 5:31	16.96	51.19	33.67	7.20	7.95	2.7	2.10	91.2
1322	8/5/2010 5:46	16.90	51.24	33.70	7.18	7.94	2.6	2.16	90.9
1323	8/5/2010 6:01	16.84	51.39	33.82	7.21	7.95	3.2	2.22	91.2
1324	8/5/2010 6:16	16.75	51.33	33.77	7.23	7.95	3.1	2.29	91.2

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		
1325	8/5/2010 6:31	16.62	51.19	33.67	7.25	7.95	3.4	2.35	91.3
1326	8/5/2010 6:46	16.41	51.26	33.71	7.32	7.95	3.5	2.41	91.7
1327	8/5/2010 7:01	16.34	51.33	33.76	7.30	7.95	3.8	2.47	91.4
1328	8/5/2010 7:16	16.22	51.00	33.52	7.37	7.96	2.4	2.53	91.9
1329	8/5/2010 7:31	16.07	51.29	33.73	7.38	7.95	2.1	2.58	91.9
1330	8/5/2010 7:46	16.03	51.24	33.70	7.32	7.95	1.7	2.61	91.1
1331	8/5/2010 8:01	15.95	50.97	33.49	7.36	7.95	1.4	2.67	91.3
1332	8/5/2010 8:16	15.89	51.08	33.57	7.35	7.95	1.2	2.71	91.1
1333	8/5/2010 8:31	15.81	51.04	33.54	7.31	7.95	1.1	2.73	90.4
1334	8/5/2010 8:46	15.67	51.06	33.56	7.24	7.94	0.9	2.77	89.4
1335	8/5/2010 9:01	15.51	50.84	33.39	7.20	7.94	0.6	2.80	88.5
1336	8/5/2010 9:16	15.46	51.21	33.66	7.23	7.94	0.4	2.81	88.9
	Mean	15.97	51.28	33.71	8.35	8.00	2.5	2.59	103.6
	Minimum	11.74	50.64	33.23	6.52	7.85	0.0	1.15	82.9
	Maximum	18.68	51.74	33.99	11.11	8.15	24.2	3.74	132.6

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	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
0	8/5/2010 9:46	15.44	51.06	33.55	8.36	7.86	2.6	2.82	102.8
1	8/5/2010 10:01	15.63	51.12	33.59	7.28	7.87	1.6	2.82	89.8
2	8/5/2010 10:16	15.58	51.09	33.57	7.04	7.87	1.4	2.81	86.8
3	8/5/2010 10:31	15.47	51.08	33.56	7.24	7.88	1.5	2.79	89.0
4	8/5/2010 10:46	15.53	51.07	33.56	6.85	7.86	1.6	2.76	84.3
5	8/5/2010 11:01	15.72	51.07	33.56	7.02	7.89	1.6	2.73	86.8
6	8/5/2010 11:16	15.90	51.10	33.58	7.00	7.89	1.9	2.69	86.8
7	8/5/2010 11:31	15.96	51.09	33.58	7.02	7.89	1.9	2.65	87.1
8	8/5/2010 11:46	16.04	51.09	33.59	6.93	7.89	1.9	2.62	86.2
9	8/5/2010 12:01	16.19	51.12	33.60	6.87	7.88	2.3	2.56	85.7
10	8/5/2010 12:16	16.26	51.18	33.66	6.99	7.89	1.9	2.53	87.3
11	8/5/2010 12:31	16.30	51.19	33.66	6.97	7.89	1.9	2.51	87.1
12	8/5/2010 12:46	16.31	51.20	33.67	6.92	7.89	1.9	2.48	86.6
13	8/5/2010 13:01	16.32	51.20	33.67	6.91	7.88	1.9	2.46	86.5
14	8/5/2010 13:16	16.35	51.21	33.68	6.87	7.88	2.0	2.44	86.0
15	8/5/2010 13:31	16.44	51.19	33.66	6.86	7.88	2.2	2.44	86.0
16	8/5/2010 13:46	16.34	51.18	33.66	6.87	7.88	2.1	2.45	85.9
17	8/5/2010 14:01	16.35	51.22	33.68	6.99	7.89	2.1	2.46	87.6
18	8/5/2010 14:16	16.28	51.17	33.65	6.96	7.88	2.7	2.48	87.0
19	8/5/2010 14:31	16.33	51.17	33.64	7.00	7.89	1.8	2.50	87.6
20	8/5/2010 14:46	16.30	51.16	33.64	7.10	7.90	2.1	2.54	88.8
21	8/5/2010 15:01	16.29	51.17	33.64	7.03	7.89	2.0	2.57	87.9
22	8/5/2010 15:16	16.20	51.14	33.63	7.03	7.89	1.8	2.61	87.7
23	8/5/2010 15:31	16.17	51.14	33.62	7.05	7.89	1.9	2.66	87.9
24	8/5/2010 15:46	16.07	51.11	33.60	7.10	7.89	1.6	2.71	88.4
25	8/5/2010 16:01	16.00	51.10	33.59	7.11	7.89	2.3	2.77	88.4
26	8/5/2010 16:16	15.88	51.12	33.60	7.03	7.88	2.0	2.81	87.2
27	8/5/2010 16:31	15.58	51.13	33.60	6.94	7.87	1.9	2.87	85.5
28	8/5/2010 16:46	15.14	51.13	33.59	6.99	7.87	1.9	2.93	85.4
29	8/5/2010 17:01	14.84	51.10	33.56	7.03	7.87	1.8	2.98	85.3
30	8/5/2010 17:16	14.66	51.11	33.57	7.17	7.87	2.0	3.05	86.8
31	8/5/2010 17:31	14.30	51.11	33.56	7.10	7.86	1.8	3.11	85.3
32	8/5/2010 17:46	14.27	51.13	33.57	7.17	7.87	1.7	3.17	86.1
33	8/5/2010 18:01	14.12	51.13	33.56	7.21	7.87	1.7	3.24	86.3
34	8/5/2010 18:16	13.87	51.15	33.57	7.17	7.87	1.6	3.30	85.4
35	8/5/2010 18:31	13.48	51.17	33.57	7.08	7.86	1.5	3.36	83.7
36	8/5/2010 18:46	13.12	51.21	33.58	7.04	7.85	1.5	3.42	82.6
37	8/5/2010 19:01	12.89	51.22	33.58	6.99	7.85	1.1	3.48	81.6
38	8/5/2010 19:16	12.66	51.27	33.61	7.00	7.84	1.2	3.52	81.4
39	8/5/2010 19:31	12.54	51.25	33.59	6.92	7.84	0.5	3.56	80.2
40	8/5/2010 19:46	12.45	51.25	33.59	6.87	7.83	0.4	3.58	79.4
41	8/5/2010 20:01	12.40	51.25	33.58	6.77	7.83	0.7	3.60	78.2
42	8/5/2010 20:16	12.68	51.08	33.48	6.82	7.83	0.9	3.60	79.2
43	8/5/2010 20:31	12.60	51.24	33.59	6.36	7.81	1.5	3.59	73.8
44	8/5/2010 20:46	12.46	51.27	33.60	6.71	7.83	0.7	3.57	77.6
45	8/5/2010 21:01	12.74	51.09	33.48	6.82	7.84	0.9	3.53	79.3
46	8/5/2010 21:16	14.09	51.10	33.54	6.91	7.87	2.1	3.48	82.7
47	8/5/2010 21:31	14.14	51.14	33.57	7.00	7.88	2.1	3.42	83.9
48	8/5/2010 21:46	14.44	51.12	33.57	7.01	7.89	2.9	3.35	84.5
49	8/5/2010 22:01	14.57	51.16	33.60	7.04	7.89	3.1	3.28	85.0
50	8/5/2010 22:16	14.86	51.16	33.61	7.05	7.90	3.5	3.18	85.7
51	8/5/2010 22:31	14.94	51.14	33.60	7.00	7.89	2.8	3.10	85.2
52	8/5/2010 22:46	15.19	51.13	33.59	7.02	7.88	2.6	3.01	85.8

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	
53	8/5/2010 23:01	15.40	51.14	33.61	7.08	7.89	3.0	2.91	87.0
54	8/5/2010 23:16	15.65	51.15	33.62	7.06	7.90	3.0	2.82	87.2
55	8/5/2010 23:31	15.94	51.15	33.63	7.12	7.91	4.3	2.72	88.4
56	8/5/2010 23:46	16.02	51.19	33.66	7.13	7.90	3.4	2.62	88.7
57	8/6/2010 0:01	16.15	51.18	33.65	7.20	7.91	3.0	2.51	89.8
58	8/6/2010 0:16	16.14	51.22	33.68	7.09	7.90	2.6	2.41	88.4
59	8/6/2010 0:31	16.06	51.18	33.65	7.11	7.89	20.9	2.29	88.5
60	8/6/2010 0:46	15.84	51.22	33.67	6.97	7.87	4.5	2.17	86.3
61	8/6/2010 1:01	15.74	51.23	33.68	6.86	7.86	6.5	2.06	84.9
62	8/6/2010 1:16	15.93	51.18	33.64	6.79	7.86	4.2	1.94	84.3
63	8/6/2010 1:31	15.82	51.25	33.69	6.73	7.85	3.7	1.82	83.4
64	8/6/2010 1:46	16.05	51.25	33.70	6.72	7.85	3.1	1.72	83.6
65	8/6/2010 2:01	16.22	51.23	33.69	6.66	7.85	3.1	1.61	83.2
66	8/6/2010 2:16	16.40	51.26	33.72	6.66	7.86	3.0	1.52	83.5
67	8/6/2010 2:31	16.52	51.29	33.74	6.52	7.86	1.5	1.45	81.9
68	8/6/2010 2:46	16.71	51.27	33.73	6.65	7.85	2.4	1.37	83.8
69	8/6/2010 3:01	16.89	51.33	33.77	6.71	7.87	2.6	1.34	85.0
70	8/6/2010 3:16	16.90	51.33	33.77	6.70	7.87	0.9	1.33	84.8
71	8/6/2010 3:31	16.97	51.37	33.80	6.49	7.86	1.0	1.31	82.2
72	8/6/2010 3:46	16.97	51.32	33.77	6.40	7.83	2.0	1.34	81.1
73	8/6/2010 4:01	17.27	51.41	33.84	6.88	7.89	2.1	1.38	87.7
74	8/6/2010 4:16	17.23	51.38	33.81	6.80	7.88	1.8	1.42	86.7
75	8/6/2010 4:31	17.31	51.41	33.84	6.95	7.90	2.0	1.49	88.7
76	8/6/2010 4:46	17.27	51.41	33.84	6.94	7.90	2.1	1.53	88.6
77	8/6/2010 5:01	17.27	51.27	33.73	6.92	7.89	2.6	1.60	88.2
78	8/6/2010 5:16	17.27	51.18	33.67	6.91	7.88	2.3	1.66	88.1
79	8/6/2010 5:31	17.23	51.24	33.71	6.86	7.88	2.1	1.72	87.4
80	8/6/2010 5:46	17.19	51.19	33.67	6.83	7.87	2.7	1.79	86.9
81	8/6/2010 6:01	17.13	51.12	33.62	6.88	7.88	3.2	1.87	87.4
82	8/6/2010 6:16	17.04	51.21	33.68	6.80	7.87	2.9	1.92	86.3
83	8/6/2010 6:31	16.98	51.24	33.71	6.80	7.87	2.4	1.99	86.1
84	8/6/2010 6:46	16.92	51.24	33.71	6.83	7.88	3.1	2.08	86.5
85	8/6/2010 7:01	16.80	51.26	33.72	6.84	7.87	3.2	2.14	86.4
86	8/6/2010 7:16	16.55	51.23	33.70	6.87	7.87	3.5	2.22	86.3
87	8/6/2010 7:31	16.42	51.22	33.69	6.86	7.87	3.4	2.30	86.1
88	8/6/2010 7:46	16.30	51.23	33.69	6.97	7.87	2.7	2.37	87.2
89	8/6/2010 8:01	16.18	51.23	33.69	6.91	7.86	2.5	2.43	86.2
90	8/6/2010 8:16	16.12	51.23	33.69	6.90	7.86	2.1	2.51	86.0
91	8/6/2010 8:31	16.01	51.22	33.68	6.91	7.86	2.4	2.58	86.0
92	8/6/2010 8:46	15.90	51.18	33.64	6.88	7.86	2.1	2.62	85.3
93	8/6/2010 9:01	15.71	51.14	33.62	6.84	7.86	1.7	2.69	84.6
94	8/6/2010 9:16	15.58	51.15	33.62	6.80	7.85	1.7	2.74	83.8
95	8/6/2010 9:31	15.43	51.18	33.64	6.78	7.84	1.6	2.79	83.4
96	8/6/2010 9:46	15.20	51.15	33.61	6.77	7.84	1.9	2.82	82.8
97	8/6/2010 10:01	15.05	51.14	33.60	6.75	7.84	1.6	2.87	82.3
98	8/6/2010 10:16	14.96	51.14	33.60	6.74	7.83	1.0	2.89	82.1
99	8/6/2010 10:31	14.93	51.14	33.59	6.52	7.82	0.9	2.91	79.4
100	8/6/2010 10:46	15.25	51.14	33.60	6.78	7.85	1.9	2.93	83.1
101	8/6/2010 11:01	15.06	51.16	33.61	6.77	7.84	2.0	2.92	82.6
102	8/6/2010 11:16	14.96	51.14	33.60	6.62	7.82	1.6	2.90	80.6
103	8/6/2010 11:31	14.96	51.14	33.60	6.43	7.81	1.5	2.89	78.3
104	8/6/2010 11:46	15.02	51.13	33.59	6.39	7.82	1.6	2.84	77.9
105	8/6/2010 12:01	15.35	51.11	33.58	6.65	7.85	1.9	2.80	81.6

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	
106	8/6/2010 12:16	15.59	51.15	33.62	6.91	7.86	2.3	2.75	85.2
107	8/6/2010 12:31	15.73	51.19	33.65	7.05	7.87	2.3	2.70	87.2
108	8/6/2010 12:46	15.92	51.19	33.65	7.09	7.88	2.0	2.65	88.0
109	8/6/2010 13:01	16.04	51.19	33.66	7.16	7.89	2.0	2.59	89.1
110	8/6/2010 13:16	16.16	51.21	33.67	7.28	7.89	2.3	2.56	90.8
111	8/6/2010 13:31	16.18	51.22	33.68	7.03	7.88	2.3	2.52	87.8
112	8/6/2010 13:46	16.19	51.21	33.68	6.94	7.87	2.0	2.49	86.6
113	8/6/2010 14:01	16.23	51.20	33.67	6.73	7.85	1.8	2.45	84.1
114	8/6/2010 14:16	16.34	51.21	33.68	6.87	7.87	1.5	2.43	86.0
115	8/6/2010 14:31	16.38	51.25	33.70	6.49	7.86	0.3	2.42	81.3
116	8/6/2010 14:46	16.45	51.25	33.71	6.75	7.85	2.9	2.41	84.6
117	8/6/2010 15:01	16.43	51.25	33.71	7.33	7.89	2.0	2.42	91.9
118	8/6/2010 15:16	16.63	51.22	33.69	7.30	7.89	1.6	2.42	91.9
119	8/6/2010 15:31	16.48	51.24	33.70	7.28	7.89	2.8	2.45	91.4
120	8/6/2010 15:46	16.48	51.23	33.69	7.26	7.89	2.7	2.49	91.1
121	8/6/2010 16:01	16.52	51.23	33.69	7.26	7.89	2.7	2.51	91.2
122	8/6/2010 16:16	16.39	51.23	33.69	7.22	7.88	3.0	2.55	90.4
123	8/6/2010 16:31	16.30	51.22	33.68	7.16	7.87	2.5	2.61	89.5
124	8/6/2010 16:46	16.28	51.20	33.67	7.27	7.88	2.8	2.66	90.8
125	8/6/2010 17:01	16.09	51.18	33.65	7.36	7.88	2.6	2.71	91.6
126	8/6/2010 17:16	15.91	51.20	33.66	7.25	7.87	2.4	2.78	90.0
127	8/6/2010 17:31	15.59	51.18	33.64	7.06	7.85	2.9	2.85	87.1
128	8/6/2010 17:46	15.10	51.16	33.62	7.13	7.85	2.6	2.90	87.0
129	8/6/2010 18:01	14.78	51.17	33.61	7.16	7.84	3.2	2.98	86.8
130	8/6/2010 18:16	14.37	51.17	33.60	7.25	7.85	2.9	3.05	87.3
131	8/6/2010 18:31	14.15	51.18	33.60	7.24	7.85	3.1	3.12	86.8
132	8/6/2010 18:46	13.82	51.19	33.60	7.19	7.85	2.8	3.19	85.6
133	8/6/2010 19:01	13.68	51.20	33.60	7.22	7.84	3.0	3.27	85.7
134	8/6/2010 19:16	13.56	51.20	33.60	7.11	7.83	3.4	3.34	84.2
135	8/6/2010 19:31	13.13	51.23	33.60	7.35	7.84	3.1	3.40	86.3
136	8/6/2010 19:46	12.73	51.25	33.60	7.39	7.83	3.5	3.47	86.0
137	8/6/2010 20:01	12.47	51.27	33.60	7.40	7.83	2.3	3.54	85.6
138	8/6/2010 20:16	12.30	51.28	33.61	7.41	7.83	2.9	3.59	85.5
139	8/6/2010 20:31	12.10	51.29	33.60	7.44	7.83	1.6	3.63	85.4
140	8/6/2010 20:46	12.02	51.27	33.58	7.39	7.84	1.5	3.68	84.8
141	8/6/2010 21:01	11.90	50.37	32.92	7.40	7.82	1.6	3.71	84.3
142	8/6/2010 21:16	11.89	51.30	33.60	7.16	7.81	0.9	3.71	81.9
143	8/6/2010 21:31	12.19	51.30	33.61	7.07	7.81	1.2	3.70	81.4
144	8/6/2010 21:46	12.04	51.28	33.59	7.12	7.81	1.4	3.68	81.7
145	8/6/2010 22:01	12.03	51.29	33.59	7.13	7.82	1.0	3.64	81.8
146	8/6/2010 22:16	12.66	51.21	33.57	7.20	7.83	1.9	3.57	83.7
147	8/6/2010 22:31	13.64	51.23	33.62	6.92	7.83	2.3	3.51	82.1
148	8/6/2010 22:46	13.81	51.14	33.56	7.10	7.84	3.0	3.42	84.4
149	8/6/2010 23:01	14.33	51.21	33.63	7.27	7.88	4.3	3.33	87.4
150	8/6/2010 23:16	14.21	51.21	33.63	7.26	7.86	3.4	3.23	87.1
151	8/6/2010 23:31	14.27	50.56	33.15	7.17	7.85	3.8	3.13	85.8
152	8/6/2010 23:46	14.30	51.20	33.62	7.14	7.86	3.1	3.03	85.8
153	8/7/2010 0:01	14.79	51.16	33.60	7.07	7.86	3.1	2.92	85.8
154	8/7/2010 0:16	15.29	50.85	33.39	7.03	7.86	4.0	2.80	86.1
155	8/7/2010 0:31	15.49	51.21	33.66	6.98	7.86	4.1	2.70	85.9
156	8/7/2010 0:46	15.80	51.18	33.65	7.01	7.87	3.3	2.58	86.8
157	8/7/2010 1:01	15.85	51.23	33.68	7.01	7.87	5.7	2.45	86.9
158	8/7/2010 1:16	15.66	51.21	33.66	6.89	7.86	6.2	2.33	85.1

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	
159	8/7/2010 1:31	15.33	51.24	33.68	6.89	7.84	4.9	2.19	84.6
160	8/7/2010 1:46	15.44	51.21	33.66	6.86	7.84	5.7	2.06	84.3
161	8/7/2010 2:01	15.57	51.23	33.67	6.82	7.84	5.1	1.92	84.0
162	8/7/2010 2:16	15.77	51.28	33.72	6.80	7.84	7.2	1.78	84.2
163	8/7/2010 2:31	15.81	51.25	33.69	6.77	7.83	5.1	1.65	83.8
164	8/7/2010 2:46	16.24	51.27	33.72	6.80	7.85	5.1	1.53	85.0
165	8/7/2010 3:01	16.42	51.26	33.71	6.77	7.86	4.8	1.40	84.8
166	8/7/2010 3:16	16.56	51.28	33.73	6.79	7.86	4.4	1.30	85.4
167	8/7/2010 3:31	16.77	51.30	33.75	6.79	7.86	3.8	1.21	85.8
168	8/7/2010 3:46	16.82	51.31	33.76	6.81	7.85	3.8	1.15	86.0
169	8/7/2010 4:01	17.09	51.33	33.77	6.86	7.87	3.5	1.11	87.1
170	8/7/2010 4:16	17.25	51.35	33.79	6.86	7.87	3.2	1.09	87.4
171	8/7/2010 4:31	17.24	51.37	33.81	6.96	7.88	3.1	1.12	88.7
172	8/7/2010 4:46	17.35	51.37	33.81	7.05	7.89	3.2	1.16	90.1
173	8/7/2010 5:01	17.31	51.37	33.81	7.02	7.88	3.3	1.22	89.6
174	8/7/2010 5:16	17.37	51.38	33.81	7.09	7.89	3.3	1.28	90.6
175	8/7/2010 5:31	17.33	51.37	33.81	7.07	7.89	3.6	1.34	90.2
176	8/7/2010 5:46	17.26	51.30	33.76	7.04	7.89	4.2	1.42	89.8
177	8/7/2010 6:01	17.28	51.09	33.60	6.98	7.88	5.7	1.48	88.9
178	8/7/2010 6:16	17.24	51.19	33.68	6.98	7.88	4.5	1.54	88.9
179	8/7/2010 6:31	17.20	51.15	33.65	6.95	7.87	4.8	1.62	88.5
180	8/7/2010 6:46	17.16	51.07	33.58	6.95	7.87	6.5	1.70	88.3
181	8/7/2010 7:01	17.03	51.14	33.64	6.96	7.87	5.6	1.79	88.3
182	8/7/2010 7:16	16.93	51.18	33.66	6.94	7.86	5.3	1.87	87.8
183	8/7/2010 7:31	16.84	51.19	33.67	6.94	7.87	5.7	1.97	87.7
184	8/7/2010 7:46	16.62	51.21	33.68	6.90	7.86	7.3	2.06	86.8
185	8/7/2010 8:01	16.47	51.23	33.69	6.87	7.85	6.2	2.16	86.2
186	8/7/2010 8:16	16.34	51.24	33.70	6.85	7.85	5.4	2.25	85.8
187	8/7/2010 8:31	16.18	51.23	33.69	6.84	7.85	5.6	2.34	85.3
188	8/7/2010 8:46	16.10	51.26	33.71	6.86	7.85	5.3	2.43	85.5
189	8/7/2010 9:01	15.90	51.20	33.66	6.92	7.84	5.7	2.51	85.9
190	8/7/2010 9:16	15.72	51.17	33.63	6.90	7.84	5.2	2.58	85.3
191	8/7/2010 9:31	15.61	51.22	33.67	6.87	7.83	5.1	2.66	84.8
192	8/7/2010 9:46	15.45	51.23	33.68	6.85	7.83	5.0	2.73	84.3
193	8/7/2010 10:01	15.14	51.22	33.66	6.87	7.83	5.2	2.79	83.9
194	8/7/2010 10:16	14.88	51.22	33.65	6.89	7.82	4.7	2.85	83.8
195	8/7/2010 10:31	14.61	51.23	33.65	6.91	7.83	4.0	2.91	83.5
196	8/7/2010 10:46	14.19	51.24	33.65	6.98	7.82	3.7	2.95	83.7
197	8/7/2010 11:01	14.06	51.25	33.65	6.99	7.82	2.9	2.99	83.6
198	8/7/2010 11:16	13.93	51.26	33.65	7.02	7.83	2.6	3.02	83.7
199	8/7/2010 11:31	13.88	51.24	33.64	7.00	7.83	2.1	3.04	83.4
200	8/7/2010 11:46	14.17	51.17	33.60	6.84	7.82	2.0	3.04	82.0
201	8/7/2010 12:01	13.89	51.25	33.65	6.89	7.82	2.2	3.02	82.1
202	8/7/2010 12:16	14.01	51.21	33.62	6.88	7.82	4.3	3.00	82.1
203	8/7/2010 12:31	14.26	51.21	33.62	6.90	7.83	2.7	2.95	82.8
204	8/7/2010 12:46	14.77	51.22	33.65	6.93	7.84	3.4	2.89	84.1
205	8/7/2010 13:01	14.88	51.20	33.64	7.01	7.84	3.3	2.83	85.2
206	8/7/2010 13:16	15.40	51.15	33.62	7.16	7.86	3.6	2.76	87.9
207	8/7/2010 13:31	15.65	51.21	33.66	7.24	7.87	3.1	2.69	89.4
208	8/7/2010 13:46	15.83	51.22	33.67	7.24	7.87	2.9	2.64	89.7
209	8/7/2010 14:01	16.02	51.23	33.68	7.19	7.87	2.7	2.57	89.4
210	8/7/2010 14:16	16.25	51.22	33.68	7.24	7.88	2.4	2.51	90.5
211	8/7/2010 14:31	16.47	51.25	33.71	7.18	7.89	2.3	2.47	90.2

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	
212	8/7/2010 14:46	16.65	51.27	33.73	7.32	7.90	2.6	2.41	92.2
213	8/7/2010 15:01	16.77	51.27	33.73	7.47	7.90	2.6	2.36	94.3
214	8/7/2010 15:16	16.85	51.26	33.72	7.41	7.90	1.8	2.34	93.7
215	8/7/2010 15:31	16.93	51.26	33.72	7.47	7.90	1.8	2.30	94.7
216	8/7/2010 15:46	17.02	51.25	33.72	7.53	7.91	2.0	2.29	95.5
217	8/7/2010 16:01	17.14	51.28	33.74	8.00	7.93	4.0	2.29	101.7
218	8/7/2010 16:16	17.16	51.26	33.73	7.90	7.93	2.9	2.29	100.4
219	8/7/2010 16:31	17.18	51.27	33.73	7.83	7.92	2.5	2.31	99.7
220	8/7/2010 16:46	17.06	51.27	33.73	7.71	7.91	2.9	2.35	97.9
221	8/7/2010 17:01	17.22	51.27	33.73	7.84	7.92	3.2	2.39	99.9
222	8/7/2010 17:16	16.99	51.27	33.73	7.75	7.90	3.8	2.45	98.3
223	8/7/2010 17:31	16.84	51.26	33.72	7.70	7.90	3.8	2.51	97.3
224	8/7/2010 17:46	16.93	51.24	33.71	7.78	7.91	4.3	2.58	98.5
225	8/7/2010 18:01	16.52	51.23	33.70	7.74	7.90	4.2	2.64	97.2
226	8/7/2010 18:16	16.30	51.23	33.69	7.62	7.89	3.7	2.72	95.3
227	8/7/2010 18:31	15.86	51.23	33.68	7.42	7.86	3.8	2.79	92.0
228	8/7/2010 18:46	15.32	51.23	33.67	7.42	7.85	5.2	2.87	91.0
229	8/7/2010 19:01	14.68	51.24	33.66	7.34	7.84	4.5	2.94	88.9
230	8/7/2010 19:16	14.45	51.24	33.66	7.28	7.83	4.6	3.03	87.8
231	8/7/2010 19:31	14.37	51.25	33.66	7.24	7.83	4.6	3.11	87.1
232	8/7/2010 19:46	13.79	51.26	33.65	7.29	7.82	6.6	3.19	86.8
233	8/7/2010 20:01	13.39	51.28	33.65	7.28	7.82	6.7	3.28	85.9
234	8/7/2010 20:16	12.89	51.30	33.64	7.39	7.81	8.2	3.36	86.2
235	8/7/2010 20:31	12.65	51.32	33.65	7.41	7.81	6.5	3.45	86.1
236	8/7/2010 20:46	12.18	51.34	33.64	7.41	7.81	6.0	3.52	85.3
237	8/7/2010 21:01	12.03	51.34	33.63	7.38	7.81	5.0	3.60	84.7
238	8/7/2010 21:16	11.84	51.34	33.62	7.43	7.80	4.6	3.67	84.9
239	8/7/2010 21:31	11.78	51.36	33.64	7.43	7.81	3.4	3.73	84.8
240	8/7/2010 21:46	11.71	51.36	33.63	7.61	7.82	3.4	3.77	86.8
241	8/7/2010 22:01	11.70	51.35	33.63	7.65	7.83	2.6	3.80	87.1
242	8/7/2010 22:16	11.69	51.35	33.62	7.72	7.84	1.6	3.82	87.9
243	8/7/2010 22:31	12.01	51.34	33.63	7.31	7.81	2.5	3.81	83.8
244	8/7/2010 22:46	11.71	51.35	33.62	7.68	7.84	1.8	3.78	87.4
245	8/7/2010 23:01	11.74	51.34	33.62	7.63	7.83	2.5	3.74	86.9
246	8/7/2010 23:16	12.64	51.24	33.59	7.27	7.82	2.6	3.66	84.5
247	8/7/2010 23:31	13.42	51.27	33.65	6.95	7.81	4.3	3.57	82.0
248	8/7/2010 23:46	13.72	51.28	33.66	7.11	7.83	4.6	3.48	84.4
249	8/8/2010 0:01	13.69	51.27	33.65	7.25	7.84	4.5	3.37	86.1
250	8/8/2010 0:16	13.65	51.27	33.65	7.24	7.84	5.4	3.25	85.9
251	8/8/2010 0:31	13.76	51.26	33.65	7.20	7.84	4.8	3.13	85.6
252	8/8/2010 0:46	13.75	51.25	33.64	7.18	7.83	4.4	3.01	85.4
253	8/8/2010 1:01	14.55	51.24	33.66	7.09	7.84	5.0	2.89	85.6
254	8/8/2010 1:16	15.20	51.23	33.67	7.04	7.85	5.1	2.76	86.2
255	8/8/2010 1:31	15.44	51.24	33.68	7.03	7.86	5.2	2.63	86.4
256	8/8/2010 1:46	15.67	51.25	33.69	7.02	7.86	4.8	2.50	86.8
257	8/8/2010 2:01	15.59	51.17	33.64	6.95	7.84	5.4	2.36	85.7
258	8/8/2010 2:16	15.56	51.24	33.68	7.00	7.85	5.4	2.21	86.3
259	8/8/2010 2:31	15.78	51.15	33.63	6.95	7.84	14.2	2.07	86.0
260	8/8/2010 2:46	15.84	51.22	33.67	7.01	7.84	6.2	1.92	86.9
261	8/8/2010 3:01	16.14	51.30	33.74	7.01	7.85	6.3	1.77	87.4
262	8/8/2010 3:16	16.30	51.28	33.72	6.96	7.84	6.2	1.62	87.0
263	8/8/2010 3:31	16.60	51.30	33.75	6.97	7.85	6.1	1.47	87.8
264	8/8/2010 3:46	16.80	51.31	33.75	6.99	7.86	5.4	1.34	88.4

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	
265	8/8/2010 4:01	17.00	51.33	33.77	7.05	7.87	5.1	1.20	89.4
266	8/8/2010 4:16	17.20	51.32	33.77	6.98	7.87	5.2	1.09	88.8
267	8/8/2010 4:31	17.16	51.32	33.77	6.91	7.86	4.5	1.01	88.0
268	8/8/2010 4:46	17.36	51.34	33.78	6.79	7.86	3.1	0.95	86.7
269	8/8/2010 5:01	16.96	51.51	33.91	6.90	7.85	4.6	0.93	87.5
270	8/8/2010 5:16	17.73	51.38	33.82	7.06	7.88	4.5	0.98	90.8
271	8/8/2010 5:31	18.10	51.44	33.86	7.30	7.91	4.1	1.04	94.6
272	8/8/2010 5:46	17.64	51.39	33.82	7.10	7.87	3.9	1.11	91.2
273	8/8/2010 6:01	18.02	51.40	33.84	7.34	7.91	4.8	1.18	95.0
274	8/8/2010 6:16	18.00	51.40	33.84	7.37	7.91	4.3	1.25	95.3
275	8/8/2010 6:31	18.01	51.30	33.76	7.27	7.90	5.9	1.33	94.0
276	8/8/2010 6:46	17.99	51.25	33.73	7.22	7.89	5.9	1.38	93.3
277	8/8/2010 7:01	18.05	51.12	33.63	7.18	7.89	5.9	1.46	92.8
278	8/8/2010 7:16	17.85	51.25	33.72	7.15	7.88	6.3	1.55	92.1
279	8/8/2010 7:31	17.80	51.20	33.68	7.10	7.88	7.5	1.63	91.5
280	8/8/2010 7:46	17.59	51.23	33.70	7.11	7.87	5.7	1.72	91.2
281	8/8/2010 8:01	17.41	51.26	33.72	7.08	7.87	5.1	1.83	90.5
282	8/8/2010 8:16	17.22	51.25	33.72	7.04	7.86	5.2	1.94	89.7
283	8/8/2010 8:31	16.98	51.25	33.71	7.02	7.86	6.1	2.04	89.0
284	8/8/2010 8:46	16.73	51.27	33.73	7.01	7.85	5.8	2.14	88.4
285	8/8/2010 9:01	16.62	51.29	33.74	7.00	7.85	5.7	2.25	88.1
286	8/8/2010 9:16	16.49	51.29	33.74	6.99	7.84	6.2	2.35	87.8
287	8/8/2010 9:31	16.35	51.29	33.73	7.00	7.85	6.3	2.46	87.7
288	8/8/2010 9:46	16.15	51.26	33.71	7.01	7.84	6.7	2.54	87.5
289	8/8/2010 10:01	15.91	51.26	33.70	6.98	7.83	6.8	2.63	86.6
290	8/8/2010 10:16	15.52	51.23	33.67	6.98	7.82	7.4	2.72	86.0
291	8/8/2010 10:31	15.22	51.24	33.68	7.00	7.82	8.5	2.79	85.7
292	8/8/2010 10:46	14.78	51.23	33.66	7.01	7.82	8.1	2.87	85.1
293	8/8/2010 11:01	14.25	51.25	33.65	7.14	7.82	7.8	2.93	85.7
294	8/8/2010 11:16	13.79	51.26	33.65	7.30	7.83	6.4	3.00	86.8
295	8/8/2010 11:31	13.56	51.27	33.65	7.37	7.83	5.7	3.06	87.2
296	8/8/2010 11:46	13.44	51.29	33.65	7.37	7.84	4.2	3.09	87.1
297	8/8/2010 12:01	13.36	51.29	33.65	7.38	7.84	2.9	3.14	87.0
298	8/8/2010 12:16	13.28	51.29	33.65	7.35	7.84	2.9	3.15	86.5
299	8/8/2010 12:31	13.54	51.30	33.67	7.28	7.84	1.8	3.16	86.2
300	8/8/2010 12:46	13.38	51.29	33.66	7.19	7.83	2.6	3.14	84.8
301	8/8/2010 13:01	13.41	51.28	33.65	7.20	7.83	3.8	3.09	85.0
302	8/8/2010 13:16	13.75	51.23	33.63	7.30	7.85	4.2	3.03	86.8
303	8/8/2010 13:31	14.19	51.26	33.66	7.46	7.86	4.8	2.96	89.5
304	8/8/2010 13:46	15.00	51.28	33.70	7.73	7.90	4.4	2.89	94.2
305	8/8/2010 14:01	15.61	51.25	33.69	7.78	7.91	4.4	2.80	96.1
306	8/8/2010 14:16	15.85	51.31	33.74	7.99	7.94	4.0	2.71	99.1
307	8/8/2010 14:31	16.16	51.22	33.68	8.00	7.93	3.8	2.64	99.7
308	8/8/2010 14:46	16.29	51.23	33.69	8.20	7.95	3.5	2.56	102.5
309	8/8/2010 15:01	16.70	51.24	33.70	8.08	7.94	4.0	2.49	101.8
310	8/8/2010 15:16	16.95	51.21	33.69	8.40	7.97	3.4	2.42	106.4
311	8/8/2010 15:31	17.11	51.23	33.70	8.46	7.97	3.2	2.34	107.6
312	8/8/2010 15:46	17.26	51.26	33.72	8.50	7.97	3.1	2.29	108.3
313	8/8/2010 16:01	17.32	51.25	33.72	8.56	7.98	2.7	2.23	109.2
314	8/8/2010 16:16	17.45	51.23	33.70	8.90	8.01	2.9	2.18	113.9
315	8/8/2010 16:31	17.52	51.25	33.72	8.90	8.01	2.4	2.14	114.0
316	8/8/2010 16:46	17.57	51.24	33.71	8.84	8.01	2.0	2.13	113.4
317	8/8/2010 17:01	17.70	51.22	33.70	9.37	8.04	2.9	2.12	120.4

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	
318	8/8/2010 17:16	17.60	51.22	33.70	9.11	8.01	3.0	2.14	116.9
319	8/8/2010 17:31	17.58	51.27	33.73	8.74	7.99	3.5	2.16	112.1
320	8/8/2010 17:46	17.74	51.27	33.74	8.32	7.95	3.5	2.22	107.1
321	8/8/2010 18:01	17.71	51.28	33.75	8.14	7.94	3.7	2.28	104.7
322	8/8/2010 18:16	17.51	51.27	33.74	7.98	7.92	4.2	2.34	102.2
323	8/8/2010 18:31	17.70	51.23	33.70	8.08	7.93	6.3	2.43	103.8
324	8/8/2010 18:46	17.28	51.25	33.72	7.94	7.91	5.4	2.51	101.3
325	8/8/2010 19:01	16.95	51.25	33.72	7.92	7.91	4.7	2.58	100.3
326	8/8/2010 19:16	16.56	51.25	33.71	7.84	7.89	5.1	2.66	98.5
327	8/8/2010 19:31	15.84	51.25	33.70	7.58	7.86	4.9	2.74	94.0
328	8/8/2010 19:46	15.46	51.25	33.69	7.43	7.85	5.1	2.83	91.4
329	8/8/2010 20:01	15.16	51.26	33.69	7.44	7.85	5.8	2.92	91.0
330	8/8/2010 20:16	14.85	51.26	33.68	7.43	7.84	6.3	3.00	90.3
331	8/8/2010 20:31	14.35	51.27	33.68	7.39	7.84	6.5	3.10	89.0
332	8/8/2010 20:46	13.81	51.29	33.67	7.37	7.83	8.8	3.20	87.8
333	8/8/2010 21:01	13.28	51.31	33.67	7.58	7.84	10.4	3.29	89.2
334	8/8/2010 21:16	12.82	51.33	33.66	7.66	7.84	8.5	3.39	89.3
335	8/8/2010 21:31	12.50	51.35	33.66	7.79	7.85	7.7	3.48	90.2
336	8/8/2010 21:46	12.18	51.37	33.66	7.95	7.86	7.8	3.58	91.5
337	8/8/2010 22:01	11.96	51.38	33.66	8.25	7.89	6.2	3.66	94.5
338	8/8/2010 22:16	11.86	51.38	33.65	8.46	7.90	4.9	3.74	96.7
339	8/8/2010 22:31	11.79	51.40	33.66	8.55	7.91	4.2	3.81	97.7
340	8/8/2010 22:46	11.75	51.39	33.66	8.58	7.92	4.6	3.86	97.9
341	8/8/2010 23:01	11.76	51.37	33.64	8.52	7.92	2.4	3.89	97.2
342	8/8/2010 23:16	11.76	51.38	33.65	8.45	7.92	2.9	3.91	96.4
343	8/8/2010 23:31	11.98	51.39	33.67	8.19	7.90	2.2	3.91	93.9
344	8/8/2010 23:46	11.71	51.41	33.67	8.38	7.90	1.7	3.87	95.5
345	8/9/2010 0:01	11.75	51.39	33.65	8.45	7.92	3.5	3.81	96.4
346	8/9/2010 0:16	12.13	51.39	33.67	8.26	7.90	3.8	3.72	95.0
347	8/9/2010 0:31	12.51	51.36	33.67	7.54	7.85	4.6	3.62	87.3
348	8/9/2010 0:46	13.52	51.32	33.68	7.61	7.88	6.9	3.51	90.0
349	8/9/2010 1:01	13.38	51.31	33.67	7.68	7.88	6.5	3.39	90.6
350	8/9/2010 1:16	13.39	51.29	33.66	7.71	7.88	6.0	3.26	91.0
351	8/9/2010 1:31	13.30	51.26	33.63	7.66	7.87	5.2	3.13	90.3
352	8/9/2010 1:46	13.57	51.26	33.64	7.54	7.87	4.9	3.00	89.3
353	8/9/2010 2:01	14.59	51.29	33.69	7.24	7.86	5.8	2.86	87.5
354	8/9/2010 2:16	14.93	51.26	33.68	7.13	7.86	5.4	2.73	86.8
355	8/9/2010 2:31	15.33	51.25	33.69	7.07	7.86	5.1	2.58	86.7
356	8/9/2010 2:46	15.31	51.25	33.68	7.09	7.85	5.7	2.42	87.0
357	8/9/2010 3:01	15.46	51.28	33.71	7.15	7.87	6.1	2.27	88.0
358	8/9/2010 3:16	15.30	51.28	33.71	7.08	7.85	6.4	2.12	86.9
359	8/9/2010 3:31	15.97	51.29	33.73	7.06	7.87	7.2	1.96	87.8
360	8/9/2010 3:46	16.01	51.30	33.74	7.04	7.86	7.1	1.80	87.6
361	8/9/2010 4:01	16.24	51.29	33.73	6.94	7.86	6.7	1.65	86.8
362	8/9/2010 4:16	16.68	51.30	33.75	6.98	7.87	7.0	1.47	88.0
363	8/9/2010 4:31	16.71	51.31	33.76	6.99	7.87	6.7	1.31	88.2
364	8/9/2010 4:46	16.93	51.31	33.76	6.95	7.87	7.0	1.17	88.0
365	8/9/2010 5:01	17.05	51.32	33.76	6.93	7.87	6.9	1.04	88.0
366	8/9/2010 5:16	17.39	51.36	33.80	6.95	7.88	5.9	0.94	88.9
367	8/9/2010 5:31	17.36	51.34	33.78	6.80	7.86	8.9	0.84	86.9
368	8/9/2010 5:46	17.19	51.34	33.79	6.84	7.86	7.6	0.84	87.1
369	8/9/2010 6:01	17.95	51.40	33.84	6.96	7.90	4.4	0.87	90.0
370	8/9/2010 6:16	17.95	51.41	33.84	7.05	7.90	4.3	0.93	91.1

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	
371	8/9/2010 6:31	17.90	51.43	33.85	7.06	7.90	4.7	1.04	91.1
372	8/9/2010 6:46	17.99	51.41	33.84	7.11	7.91	4.9	1.12	91.9
373	8/9/2010 7:01	17.92	51.40	33.83	7.12	7.90	5.0	1.19	92.0
374	8/9/2010 7:16	17.97	51.17	33.67	6.94	7.89	7.6	1.28	89.6
375	8/9/2010 7:31	17.94	51.19	33.68	6.90	7.89	6.5	1.37	89.0
376	8/9/2010 7:46	17.91	51.16	33.66	6.89	7.88	6.5	1.43	88.8
377	8/9/2010 8:01	17.81	51.15	33.65	6.87	7.87	7.8	1.53	88.4
378	8/9/2010 8:16	17.64	51.19	33.68	6.94	7.88	7.1	1.64	89.0
379	8/9/2010 8:31	17.51	51.22	33.70	6.93	7.87	7.4	1.73	88.8
380	8/9/2010 8:46	17.33	51.25	33.72	6.92	7.87	6.4	1.84	88.3
381	8/9/2010 9:01	16.92	51.26	33.72	6.92	7.86	6.9	1.96	87.7
382	8/9/2010 9:16	16.71	51.27	33.72	6.94	7.85	8.4	2.08	87.5
383	8/9/2010 9:31	16.58	51.28	33.73	6.95	7.85	7.6	2.20	87.5
384	8/9/2010 9:46	16.44	51.08	33.58	6.97	7.85	8.2	2.31	87.4
385	8/9/2010 10:01	16.26	51.03	33.54	6.99	7.84	8.2	2.42	87.2
386	8/9/2010 10:16	15.98	50.70	33.30	7.01	7.84	9.0	2.54	86.9
387	8/9/2010 10:31	15.77	51.27	33.71	6.97	7.84	9.2	2.64	86.2
388	8/9/2010 10:46	15.42	51.21	33.66	6.99	7.83	11.2	2.74	85.9
389	8/9/2010 11:01	14.89	51.25	33.68	7.06	7.83	10.9	2.83	85.8
390	8/9/2010 11:16	14.31	51.06	33.52	7.20	7.83	42.5	2.91	86.5
391	8/9/2010 11:31	13.71	51.28	33.66	7.35	7.84	9.6	3.00	87.3
392	8/9/2010 11:46	13.42	51.30	33.66	7.43	7.85	10.0	3.07	87.7
393	8/9/2010 12:01	13.21	51.31	33.66	7.46	7.85	11.0	3.14	87.7
394	8/9/2010 12:16	12.79	51.34	33.67	7.46	7.85	8.4	3.21	87.0
395	8/9/2010 12:31	12.50	51.33	33.65	7.45	7.85	6.0	3.27	86.3
396	8/9/2010 12:46	12.29	51.36	33.66	7.48	7.86	3.6	3.30	86.2
397	8/9/2010 13:01	12.28	51.35	33.65	7.50	7.86	2.6	3.32	86.5
398	8/9/2010 13:16	12.63	51.37	33.69	7.36	7.86	2.6	3.33	85.5
399	8/9/2010 13:31	12.42	51.33	33.65	7.36	7.85	3.8	3.29	85.1
400	8/9/2010 13:46	12.53	51.34	33.66	7.44	7.86	4.4	3.23	86.2
401	8/9/2010 14:01	13.54	51.26	33.64	7.54	7.88	6.0	3.16	89.3
402	8/9/2010 14:16	13.56	51.28	33.65	7.47	7.87	8.1	3.07	88.4
403	8/9/2010 14:31	14.38	51.21	33.63	7.72	7.90	6.2	2.98	92.9
404	8/9/2010 14:46	14.60	51.27	33.68	7.69	7.90	7.1	2.87	93.1
405	8/9/2010 15:01	15.15	51.22	33.66	7.73	7.92	7.0	2.77	94.5
406	8/9/2010 15:16	15.50	51.24	33.68	8.06	7.94	5.4	2.67	99.2
407	8/9/2010 15:31	15.81	51.24	33.69	8.37	7.96	5.2	2.57	103.7
408	8/9/2010 15:46	16.10	51.24	33.70	8.56	7.97	4.8	2.49	106.7
409	8/9/2010 16:01	16.29	51.26	33.71	8.72	7.99	4.3	2.41	109.1
410	8/9/2010 16:16	16.42	51.31	33.75	8.84	8.00	4.1	2.31	110.9
411	8/9/2010 16:31	16.52	51.24	33.70	8.98	8.01	3.7	2.23	112.9
412	8/9/2010 16:46	16.77	51.22	33.69	8.82	8.00	3.6	2.16	111.3
413	8/9/2010 17:01	16.78	51.23	33.69	9.17	8.03	3.2	2.08	115.8
414	8/9/2010 17:16	16.92	51.23	33.70	9.02	8.02	3.1	2.02	114.2
415	8/9/2010 17:31	17.04	51.25	33.71	8.93	8.02	2.1	2.00	113.3
416	8/9/2010 17:46	17.33	51.18	33.67	9.08	8.04	2.3	1.96	115.8
417	8/9/2010 18:01	17.50	51.26	33.73	8.61	8.00	1.2	1.95	110.3
418	8/9/2010 18:16	17.75	51.30	33.76	8.38	7.98	3.1	1.99	107.9
419	8/9/2010 18:31	17.54	51.29	33.75	8.35	7.97	3.5	2.03	107.0
420	8/9/2010 18:46	17.71	51.30	33.76	8.01	7.94	4.1	2.08	103.0
421	8/9/2010 19:01	17.62	51.30	33.76	7.97	7.94	4.6	2.16	102.3
422	8/9/2010 19:16	17.66	51.22	33.70	7.90	7.94	7.3	2.25	101.5
423	8/9/2010 19:31	17.47	51.23	33.70	7.83	7.92	7.2	2.34	100.2

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	
424	8/9/2010 19:46	17.06	51.03	33.55	7.83	7.91	6.7	2.44	99.3
425	8/9/2010 20:01	16.69	51.25	33.71	7.75	7.90	7.0	2.52	97.6
426	8/9/2010 20:16	15.92	51.26	33.70	7.55	7.88	7.0	2.61	93.7
427	8/9/2010 20:31	15.59	51.27	33.71	7.43	7.87	6.2	2.71	91.6
428	8/9/2010 20:46	15.26	50.83	33.38	7.48	7.87	25.5	2.80	91.5
429	8/9/2010 21:01	14.99	51.29	33.70	7.44	7.86	7.8	2.89	90.6
430	8/9/2010 21:16	14.53	51.29	33.70	7.45	7.86	7.7	2.99	90.0
431	8/9/2010 21:31	14.18	51.08	33.53	7.46	7.86	10.4	3.09	89.4
432	8/9/2010 21:46	13.77	51.31	33.69	7.72	7.89	10.7	3.20	91.9
433	8/9/2010 22:01	13.27	51.33	33.68	7.92	7.89	10.1	3.30	93.2
434	8/9/2010 22:16	12.91	51.34	33.68	8.02	7.91	9.1	3.40	93.7
435	8/9/2010 22:31	12.35	51.38	33.67	8.30	7.93	8.0	3.51	95.8
436	8/9/2010 22:46	12.16	51.38	33.67	8.49	7.95	8.2	3.60	97.7
437	8/9/2010 23:01	12.04	51.40	33.67	8.68	7.96	7.6	3.68	99.6
438	8/9/2010 23:16	11.97	51.41	33.68	8.73	7.97	6.2	3.78	100.1
439	8/9/2010 23:31	11.76	51.43	33.68	8.51	7.96	5.8	3.83	97.1
440	8/9/2010 23:46	11.59	51.44	33.69	8.29	7.94	5.1	3.88	94.3
441	8/10/2010 0:01	11.43	51.47	33.70	8.09	7.92	2.9	3.93	91.6
442	8/10/2010 0:16	11.36	51.46	33.69	8.00	7.92	2.2	3.93	90.5
443	8/10/2010 0:31	11.64	51.47	33.71	8.07	7.92	2.7	3.91	91.9
444	8/10/2010 0:46	11.57	51.39	33.65	7.97	7.91	3.2	3.87	90.5
445	8/10/2010 1:01	11.79	51.45	33.70	8.04	7.92	3.1	3.80	91.7
446	8/10/2010 1:16	12.92	51.40	33.72	7.82	7.92	4.9	3.70	91.4
447	8/10/2010 1:31	12.43	51.38	33.68	8.10	7.93	5.3	3.59	93.7
448	8/10/2010 1:46	13.40	51.36	33.71	7.85	7.93	7.0	3.46	92.7
449	8/10/2010 2:01	13.18	51.34	33.69	8.08	7.94	6.7	3.32	94.9
450	8/10/2010 2:16	12.98	51.34	33.67	8.08	7.94	6.3	3.20	94.6
451	8/10/2010 2:31	13.13	51.35	33.69	8.04	7.93	4.7	3.07	94.4
452	8/10/2010 2:46	14.03	51.33	33.71	7.54	7.90	5.3	2.92	90.1
453	8/10/2010 3:01	14.38	51.32	33.71	7.40	7.90	6.2	2.78	89.1
454	8/10/2010 3:16	14.77	51.30	33.71	7.40	7.90	5.7	2.65	89.9
455	8/10/2010 3:31	14.94	51.31	33.72	7.28	7.89	6.2	2.48	88.7
456	8/10/2010 3:46	14.74	51.30	33.71	7.32	7.88	5.6	2.33	88.8
457	8/10/2010 4:01	14.91	51.32	33.73	7.39	7.89	7.5	2.17	89.9
458	8/10/2010 4:16	15.39	51.31	33.73	7.41	7.90	7.6	2.01	91.1
459	8/10/2010 4:31	15.57	51.33	33.75	7.24	7.89	7.3	1.85	89.4
460	8/10/2010 4:46	15.80	51.32	33.75	7.10	7.88	7.1	1.68	88.0
461	8/10/2010 5:01	15.88	51.34	33.76	7.05	7.88	7.5	1.52	87.5
462	8/10/2010 5:16	16.00	51.33	33.76	6.97	7.87	7.1	1.36	86.7
463	8/10/2010 5:31	16.35	51.31	33.75	7.06	7.88	7.4	1.20	88.4
464	8/10/2010 5:46	16.58	51.35	33.78	7.05	7.88	8.1	1.07	88.8
465	8/10/2010 6:01	16.78	51.34	33.78	6.96	7.88	12.2	0.95	87.9
466	8/10/2010 6:16	16.94	51.37	33.80	6.94	7.89	6.8	0.86	88.0
467	8/10/2010 6:31	16.72	51.35	33.78	6.87	7.87	9.3	0.82	86.6
468	8/10/2010 6:46	16.95	51.36	33.80	6.96	7.89	6.0	0.85	88.3
469	8/10/2010 7:01	17.27	51.38	33.82	7.00	7.90	4.9	0.93	89.3
470	8/10/2010 7:16	17.24	51.40	33.83	7.00	7.89	5.1	1.03	89.2
471	8/10/2010 7:31	17.40	51.40	33.83	7.02	7.91	5.3	1.14	89.8
472	8/10/2010 7:46	17.35	51.39	33.82	7.04	7.90	5.1	1.24	90.0
473	8/10/2010 8:01	17.42	51.19	33.67	6.91	7.89	8.2	1.32	88.3
474	8/10/2010 8:16	17.44	51.08	33.60	6.83	7.88	8.9	1.42	87.3
475	8/10/2010 8:31	17.30	51.17	33.66	6.84	7.88	7.9	1.50	87.2
476	8/10/2010 8:46	17.12	51.22	33.70	6.89	7.88	7.5	1.61	87.5

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	
477	8/10/2010 9:01	16.92	51.26	33.72	6.89	7.87	7.2	1.71	87.2
478	8/10/2010 9:16	16.82	51.28	33.73	6.87	7.87	7.0	1.82	86.9
479	8/10/2010 9:31	16.50	51.30	33.74	6.88	7.86	7.9	1.94	86.4
480	8/10/2010 9:46	16.21	51.30	33.74	6.91	7.86	9.3	2.06	86.3
481	8/10/2010 10:01	16.09	51.30	33.74	6.92	7.86	7.9	2.20	86.2
482	8/10/2010 10:16	16.06	51.32	33.76	6.95	7.86	8.8	2.31	86.6
483	8/10/2010 10:31	15.84	51.32	33.75	7.01	7.87	9.1	2.43	86.9
484	8/10/2010 10:46	15.64	51.28	33.71	7.02	7.87	10.9	2.55	86.6
485	8/10/2010 11:01	15.46	51.31	33.73	7.03	7.87	10.7	2.66	86.6
486	8/10/2010 11:16	15.09	51.27	33.70	7.07	7.86	12.8	2.76	86.4
487	8/10/2010 11:31	14.50	51.28	33.68	7.19	7.86	11.7	2.86	86.8
488	8/10/2010 11:46	13.84	51.30	33.68	7.35	7.87	11.7	2.97	87.5
489	8/10/2010 12:01	13.36	51.33	33.68	7.48	7.88	11.8	3.06	88.2
490	8/10/2010 12:16	13.14	51.34	33.68	7.52	7.88	12.3	3.14	88.3
491	8/10/2010 12:31	12.77	51.36	33.68	7.47	7.87	12.0	3.23	87.0
492	8/10/2010 12:46	12.07	51.41	33.69	7.33	7.86	8.5	3.31	84.2
493	8/10/2010 13:01	11.75	51.45	33.70	7.25	7.85	6.9	3.38	82.8
494	8/10/2010 13:16	11.55	51.48	33.71	7.23	7.85	5.1	3.43	82.2
495	8/10/2010 13:31	11.46	51.47	33.70	7.20	7.85	3.4	3.46	81.6
496	8/10/2010 13:46	11.69	51.28	33.57	7.30	7.85	3.2	3.47	83.1
497	8/10/2010 14:01	11.53	51.48	33.71	7.08	7.85	2.4	3.44	80.4
498	8/10/2010 14:16	11.51	51.47	33.70	7.12	7.85	4.5	3.40	80.8
499	8/10/2010 14:31	11.88	51.42	33.68	7.20	7.86	5.5	3.32	82.4
500	8/10/2010 14:46	13.00	51.30	33.65	7.56	7.90	7.7	3.24	88.5
501	8/10/2010 15:01	13.68	51.31	33.68	7.81	7.93	7.4	3.12	92.7
502	8/10/2010 15:16	14.22	51.30	33.69	7.69	7.93	7.8	3.02	92.4
503	8/10/2010 15:31	14.26	51.29	33.69	7.58	7.92	7.2	2.90	91.1
504	8/10/2010 15:46	14.89	51.28	33.70	7.62	7.93	6.7	2.79	92.7
505	8/10/2010 16:01	15.46	51.27	33.70	7.65	7.93	7.0	2.69	94.2
506	8/10/2010 16:16	15.77	51.23	33.68	7.65	7.93	6.5	2.58	94.6
507	8/10/2010 16:31	15.76	51.29	33.72	7.75	7.93	5.7	2.47	96.0
508	8/10/2010 16:46	16.00	51.26	33.70	8.13	7.96	5.6	2.37	101.1
509	8/10/2010 17:01	15.82	51.27	33.71	8.83	8.00	5.1	2.26	109.4
510	8/10/2010 17:16	15.89	51.28	33.72	8.84	8.01	3.7	2.18	109.7
511	8/10/2010 17:31	15.81	51.27	33.71	9.14	8.03	3.6	2.07	113.2
512	8/10/2010 17:46	16.00	51.25	33.70	9.15	8.04	3.4	1.98	113.7
513	8/10/2010 18:01	16.22	51.25	33.71	8.96	8.02	3.6	1.90	111.9
514	8/10/2010 18:16	16.50	51.28	33.73	8.61	8.00	5.9	1.84	108.2
515	8/10/2010 18:31	16.77	51.31	33.75	8.60	8.00	3.7	1.79	108.5
516	8/10/2010 18:46	17.00	51.30	33.75	8.55	8.02	3.1	1.77	108.5
517	8/10/2010 19:01	17.06	51.39	33.82	8.54	8.01	3.5	1.78	108.6
518	8/10/2010 19:16	17.43	51.33	33.78	8.13	7.98	3.7	1.83	104.0
519	8/10/2010 19:31	17.16	51.31	33.76	8.13	7.97	4.0	1.86	103.5
520	8/10/2010 19:46	17.30	51.32	33.77	7.90	7.95	4.5	1.94	100.8
521	8/10/2010 20:01	17.15	51.32	33.77	7.79	7.94	5.9	2.04	99.1
522	8/10/2010 20:16	17.34	50.83	33.41	7.78	7.94	8.9	2.13	99.1
523	8/10/2010 20:31	16.96	51.25	33.71	7.71	7.92	7.1	2.24	97.7
524	8/10/2010 20:46	16.67	51.27	33.72	7.75	7.92	6.3	2.34	97.7
525	8/10/2010 21:01	16.31	51.28	33.73	7.70	7.92	6.3	2.44	96.4
526	8/10/2010 21:16	15.71	51.29	33.72	7.48	7.89	6.0	2.53	92.6
527	8/10/2010 21:31	15.52	51.29	33.72	7.40	7.89	7.0	2.63	91.2
528	8/10/2010 21:46	15.24	51.25	33.68	7.37	7.88	7.1	2.72	90.3
529	8/10/2010 22:01	14.91	51.31	33.72	7.35	7.88	7.8	2.82	89.5

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	
530	8/10/2010 22:16	14.56	51.30	33.70	7.36	7.88	7.9	2.92	89.0
531	8/10/2010 22:31	14.32	51.31	33.70	7.37	7.88	9.2	3.02	88.7
532	8/10/2010 22:46	13.81	51.32	33.70	7.44	7.88	10.5	3.13	88.6
533	8/10/2010 23:01	13.17	51.36	33.70	7.47	7.87	10.7	3.23	87.8
534	8/10/2010 23:16	12.62	51.40	33.71	7.43	7.86	10.9	3.34	86.3
535	8/10/2010 23:31	12.24	51.42	33.70	7.48	7.87	8.2	3.44	86.2
536	8/10/2010 23:46	12.03	51.44	33.71	7.59	7.88	7.6	3.54	87.1
537	8/11/2010 0:01	11.91	51.45	33.71	7.64	7.88	7.2	3.63	87.5
538	8/11/2010 0:16	11.72	51.46	33.71	7.60	7.88	7.5	3.71	86.7
539	8/11/2010 0:31	11.58	51.47	33.70	7.53	7.88	4.7	3.77	85.6
540	8/11/2010 0:46	11.45	51.54	33.75	7.48	7.87	4.8	3.83	84.8
541	8/11/2010 1:01	11.35	51.53	33.73	7.40	7.87	2.7	3.86	83.7
542	8/11/2010 1:16	11.82	51.52	33.75	7.35	7.88	3.9	3.86	84.0
543	8/11/2010 1:31	11.65	51.49	33.73	7.25	7.86	3.5	3.84	82.5
544	8/11/2010 1:46	11.68	51.46	33.70	7.25	7.86	4.8	3.80	82.6
545	8/11/2010 2:01	11.61	51.48	33.72	7.29	7.87	4.0	3.71	83.0
546	8/11/2010 2:16	12.61	51.39	33.70	7.14	7.86	5.2	3.62	82.9
547	8/11/2010 2:31	12.69	51.37	33.69	7.18	7.87	5.2	3.50	83.6
548	8/11/2010 2:46	12.98	51.34	33.68	7.31	7.88	8.2	3.36	85.5
549	8/11/2010 3:01	12.81	51.39	33.71	7.34	7.88	7.4	3.23	85.6
550	8/11/2010 3:16	12.81	51.38	33.70	7.31	7.88	5.9	3.09	85.2
551	8/11/2010 3:31	13.49	51.36	33.71	7.15	7.87	5.7	2.96	84.5
552	8/11/2010 3:46	14.16	51.34	33.72	7.00	7.87	5.9	2.81	84.0
553	8/11/2010 4:01	14.50	51.26	33.67	7.02	7.87	5.9	2.67	84.7
554	8/11/2010 4:16	14.88	51.30	33.71	6.81	7.86	5.9	2.52	82.9
555	8/11/2010 4:31	14.53	51.30	33.70	6.91	7.86	5.6	2.37	83.4
556	8/11/2010 4:46	14.73	51.29	33.70	6.88	7.87	6.8	2.21	83.5
557	8/11/2010 5:01	14.72	51.32	33.72	6.88	7.86	6.5	2.05	83.4
558	8/11/2010 5:16	15.01	51.31	33.72	6.88	7.86	7.6	1.90	83.9
559	8/11/2010 5:31	15.33	51.32	33.74	6.79	7.86	7.4	1.74	83.4
560	8/11/2010 5:46	15.60	51.33	33.75	6.77	7.86	6.8	1.58	83.5
561	8/11/2010 6:01	15.77	51.32	33.75	6.79	7.86	6.7	1.42	84.0
562	8/11/2010 6:16	15.82	51.32	33.74	6.78	7.86	6.8	1.26	84.0
563	8/11/2010 6:31	16.19	51.30	33.74	6.71	7.86	7.5	1.15	83.8
564	8/11/2010 6:46	16.27	51.32	33.76	6.71	7.86	8.8	1.05	84.0
565	8/11/2010 7:01	16.47	51.35	33.78	6.71	7.87	5.8	0.93	84.3
566	8/11/2010 7:16	16.42	51.50	33.89	6.75	7.87	6.5	0.91	84.7
567	8/11/2010 7:31	16.66	51.30	33.75	6.74	7.87	5.7	0.95	84.9
568	8/11/2010 7:46	17.05	51.38	33.81	6.81	7.88	4.9	1.02	86.5
569	8/11/2010 8:01	16.94	51.35	33.79	6.82	7.88	4.9	1.12	86.5
570	8/11/2010 8:16	17.10	51.37	33.81	6.86	7.88	5.2	1.23	87.2
571	8/11/2010 8:31	17.07	51.37	33.80	6.86	7.88	5.6	1.32	87.1
572	8/11/2010 8:46	17.21	51.08	33.59	6.70	7.86	9.6	1.42	85.3
573	8/11/2010 9:01	17.16	51.08	33.59	6.63	7.86	9.4	1.52	84.2
574	8/11/2010 9:16	17.02	51.17	33.66	6.67	7.86	7.9	1.61	84.6
575	8/11/2010 9:31	16.70	51.25	33.71	6.73	7.85	7.0	1.73	84.9
576	8/11/2010 9:46	16.57	51.27	33.72	6.77	7.85	7.3	1.84	85.1
577	8/11/2010 10:01	16.29	51.29	33.73	6.79	7.85	6.6	1.95	84.9
578	8/11/2010 10:16	16.00	51.29	33.73	6.82	7.85	6.8	2.08	84.8
579	8/11/2010 10:31	15.91	51.29	33.73	6.86	7.85	6.7	2.20	85.1
580	8/11/2010 10:46	15.78	50.83	33.38	6.91	7.85	8.8	2.33	85.5
581	8/11/2010 11:01	15.55	51.32	33.74	6.94	7.85	10.1	2.45	85.5
582	8/11/2010 11:16	15.36	51.30	33.72	6.97	7.85	9.6	2.56	85.6

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	
583	8/11/2010 11:31	15.20	51.28	33.71	6.96	7.85	9.7	2.68	85.3
584	8/11/2010 11:46	14.78	51.26	33.68	7.02	7.84	13.2	2.80	85.2
585	8/11/2010 12:01	14.20	51.28	33.68	7.07	7.84	12.1	2.90	84.8
586	8/11/2010 12:16	13.55	51.31	33.68	7.07	7.83	12.3	3.00	83.7
587	8/11/2010 12:31	13.06	51.34	33.68	7.14	7.84	12.6	3.12	83.7
588	8/11/2010 12:46	12.74	51.37	33.69	7.20	7.84	11.9	3.21	83.9
589	8/11/2010 13:01	12.26	51.39	33.68	7.09	7.83	10.3	3.31	81.8
590	8/11/2010 13:16	11.89	51.44	33.70	7.05	7.83	9.4	3.40	80.7
591	8/11/2010 13:31	11.66	51.46	33.70	7.03	7.83	7.6	3.49	80.0
592	8/11/2010 13:46	11.55	51.49	33.72	7.00	7.83	5.9	3.55	79.5
593	8/11/2010 14:01	11.45	51.48	33.70	6.98	7.83	4.6	3.59	79.2
594	8/11/2010 14:16	11.44	51.50	33.72	6.96	7.83	2.6	3.63	78.9
595	8/11/2010 14:31	11.93	51.42	33.69	7.04	7.85	2.2	3.62	80.6
596	8/11/2010 14:46	11.41	51.49	33.71	6.88	7.82	3.2	3.58	77.9
597	8/11/2010 15:01	11.44	51.49	33.72	6.90	7.82	4.9	3.51	78.3
598	8/11/2010 15:16	12.31	51.36	33.66	7.21	7.86	6.3	3.43	83.2
599	8/11/2010 15:31	12.84	51.39	33.71	7.51	7.89	8.0	3.32	87.6
600	8/11/2010 15:46	13.25	51.38	33.72	7.51	7.89	9.8	3.20	88.4
601	8/11/2010 16:01	13.49	51.36	33.71	7.49	7.89	8.2	3.08	88.6
602	8/11/2010 16:16	13.75	51.36	33.72	7.53	7.89	7.1	2.96	89.6
603	8/11/2010 16:31	14.55	51.32	33.72	7.57	7.91	7.0	2.84	91.5
604	8/11/2010 16:46	15.21	51.30	33.72	7.57	7.92	7.0	2.72	92.7
605	8/11/2010 17:01	15.40	51.30	33.73	7.67	7.92	6.5	2.60	94.2
606	8/11/2010 17:16	15.72	51.30	33.73	7.78	7.93	6.8	2.48	96.2
607	8/11/2010 17:31	15.39	51.27	33.70	8.50	7.99	5.7	2.36	104.4
608	8/11/2010 17:46	15.21	51.32	33.74	8.53	7.97	4.8	2.25	104.5
609	8/11/2010 18:01	15.13	51.31	33.72	8.66	7.97	6.0	2.13	105.9
610	8/11/2010 18:16	15.13	51.33	33.74	8.64	7.98	5.3	2.02	105.7
611	8/11/2010 18:31	15.43	51.33	33.75	8.46	7.98	4.9	1.91	104.1
612	8/11/2010 18:46	15.64	51.32	33.74	8.34	7.98	5.9	1.81	103.1
613	8/11/2010 19:01	15.92	51.33	33.76	8.16	7.97	5.0	1.73	101.3
614	8/11/2010 19:16	16.14	51.35	33.77	7.87	7.95	4.6	1.66	98.1
615	8/11/2010 19:31	16.40	51.34	33.77	7.77	7.95	4.5	1.62	97.5
616	8/11/2010 19:46	17.11	51.37	33.81	7.73	7.95	4.7	1.62	98.3
617	8/11/2010 20:01	16.89	51.34	33.78	7.75	7.95	3.6	1.64	98.1
618	8/11/2010 20:16	17.17	51.36	33.80	7.61	7.93	4.2	1.68	96.8
619	8/11/2010 20:31	17.27	51.35	33.79	7.66	7.94	5.4	1.76	97.6
620	8/11/2010 20:46	17.19	51.35	33.79	7.60	7.93	4.8	1.85	96.8
621	8/11/2010 21:01	17.26	51.23	33.70	7.55	7.92	8.1	1.94	96.2
622	8/11/2010 21:16	17.25	51.18	33.67	7.50	7.92	7.4	2.05	95.6
623	8/11/2010 21:31	16.85	51.25	33.72	7.53	7.91	6.7	2.17	95.2
624	8/11/2010 21:46	16.63	51.27	33.73	7.57	7.91	6.2	2.27	95.3
625	8/11/2010 22:01	16.23	51.29	33.74	7.53	7.90	5.9	2.36	94.1
626	8/11/2010 22:16	15.77	51.31	33.74	7.37	7.88	5.5	2.46	91.3
627	8/11/2010 22:31	15.60	51.30	33.73	7.30	7.87	5.7	2.57	90.1
628	8/11/2010 22:46	15.33	51.31	33.73	7.28	7.87	6.2	2.67	89.3
629	8/11/2010 23:01	14.95	51.32	33.73	7.25	7.87	6.8	2.76	88.3
630	8/11/2010 23:16	14.67	51.32	33.72	7.26	7.86	6.7	2.85	88.0
631	8/11/2010 23:31	14.49	51.32	33.72	7.25	7.86	7.7	2.96	87.6
632	8/11/2010 23:46	13.90	51.33	33.70	7.32	7.86	8.8	3.05	87.3
633	8/12/2010 0:01	13.43	51.35	33.70	7.34	7.86	8.9	3.15	86.7
634	8/12/2010 0:16	12.90	51.39	33.71	7.30	7.85	8.4	3.25	85.3
635	8/12/2010 0:31	12.67	51.40	33.71	7.30	7.85	8.2	3.35	84.9

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	
636	8/12/2010 0:46	12.39	51.43	33.72	7.31	7.85	7.3	3.44	84.6
637	8/12/2010 1:01	12.17	51.44	33.72	7.35	7.85	7.7	3.53	84.6
638	8/12/2010 1:16	11.88	51.47	33.72	7.32	7.85	6.5	3.60	83.7
639	8/12/2010 1:31	11.68	51.48	33.72	7.27	7.85	4.5	3.67	82.8
640	8/12/2010 1:46	11.50	51.50	33.73	7.25	7.85	3.1	3.71	82.2
641	8/12/2010 2:01	11.52	51.49	33.72	7.09	7.84	2.9	3.73	80.5
642	8/12/2010 2:16	12.10	51.47	33.73	7.10	7.85	2.4	3.73	81.6
643	8/12/2010 2:31	11.59	51.49	33.72	7.08	7.84	2.8	3.69	80.5
644	8/12/2010 2:46	11.85	51.47	33.72	7.06	7.84	5.6	3.62	80.8
645	8/12/2010 3:01	12.70	51.40	33.71	6.96	7.84	5.3	3.54	81.0
646	8/12/2010 3:16	13.01	51.39	33.72	6.98	7.84	5.0	3.43	81.8
647	8/12/2010 3:31	13.37	51.37	33.71	6.96	7.84	6.6	3.32	82.1
648	8/12/2010 3:46	13.36	51.39	33.73	7.01	7.85	5.9	3.19	82.7
649	8/12/2010 4:01	13.27	51.39	33.73	7.05	7.85	6.5	3.05	83.0
650	8/12/2010 4:16	13.84	51.38	33.74	6.91	7.85	5.7	2.94	82.3
651	8/12/2010 4:31	14.40	51.35	33.73	6.76	7.84	6.1	2.80	81.5
652	8/12/2010 4:46	14.63	51.32	33.72	6.84	7.85	6.1	2.66	82.8
653	8/12/2010 5:01	15.13	51.31	33.72	6.64	7.83	5.4	2.52	81.2
654	8/12/2010 5:16	14.86	51.33	33.73	6.74	7.84	7.0	2.40	82.0
655	8/12/2010 5:31	14.86	51.32	33.73	6.65	7.83	6.4	2.25	80.9
656	8/12/2010 5:46	14.78	51.32	33.72	6.63	7.82	7.5	2.09	80.6
657	8/12/2010 6:01	14.92	51.30	33.71	6.73	7.83	7.5	1.95	82.0
658	8/12/2010 6:16	15.12	51.31	33.72	6.67	7.83	6.7	1.82	81.6
659	8/12/2010 6:31	15.27	51.33	33.75	6.68	7.83	6.8	1.65	81.9
660	8/12/2010 6:46	15.38	51.32	33.74	6.65	7.83	6.3	1.50	81.8
661	8/12/2010 7:01	15.53	51.33	33.75	6.69	7.84	6.2	1.38	82.4
662	8/12/2010 7:16	15.66	51.29	33.72	6.63	7.84	5.8	1.28	82.0
663	8/12/2010 7:31	15.88	51.34	33.76	6.61	7.84	5.6	1.18	82.1
664	8/12/2010 7:46	16.00	51.33	33.76	6.56	7.83	4.8	1.12	81.6
665	8/12/2010 8:01	16.11	51.36	33.79	6.52	7.84	4.6	1.12	81.3
666	8/12/2010 8:16	16.15	51.39	33.80	6.58	7.84	4.8	1.11	82.1
667	8/12/2010 8:31	16.23	51.35	33.78	6.61	7.84	4.2	1.19	82.6
668	8/12/2010 8:46	16.41	50.81	33.38	6.58	7.84	4.9	1.27	82.4
669	8/12/2010 9:01	16.60	51.35	33.79	6.50	7.84	5.1	1.37	81.8
670	8/12/2010 9:16	16.52	51.37	33.80	6.53	7.85	4.8	1.48	82.1
671	8/12/2010 9:31	16.58	51.17	33.65	6.43	7.83	7.9	1.58	80.9
672	8/12/2010 9:46	16.53	51.17	33.65	6.43	7.83	8.4	1.67	80.7
673	8/12/2010 10:01	16.30	51.24	33.70	6.52	7.83	7.1	1.79	81.5
674	8/12/2010 10:16	16.12	51.27	33.72	6.55	7.83	6.3	1.90	81.6
675	8/12/2010 10:31	15.98	51.30	33.74	6.55	7.83	6.8	2.02	81.5
676	8/12/2010 10:46	15.60	51.31	33.74	6.64	7.82	6.0	2.13	81.9
677	8/12/2010 11:01	15.52	51.31	33.73	6.70	7.83	6.3	2.25	82.5
678	8/12/2010 11:16	15.43	51.32	33.74	6.74	7.83	7.3	2.38	82.9
679	8/12/2010 11:31	15.22	51.34	33.75	6.80	7.83	8.7	2.49	83.3
680	8/12/2010 11:46	15.00	51.33	33.74	6.83	7.83	9.0	2.61	83.3
681	8/12/2010 12:01	14.86	51.31	33.72	6.86	7.83	9.7	2.73	83.4
682	8/12/2010 12:16	14.48	51.28	33.69	6.91	7.82	12.1	2.83	83.3
683	8/12/2010 12:31	14.01	51.31	33.69	7.00	7.82	11.2	2.94	83.6
684	8/12/2010 12:46	13.37	51.36	33.71	7.02	7.82	11.5	3.05	82.8
685	8/12/2010 13:01	12.89	51.38	33.70	7.07	7.82	9.9	3.15	82.6
686	8/12/2010 13:16	12.54	51.41	33.71	7.12	7.82	9.7	3.25	82.6
687	8/12/2010 13:31	12.36	51.40	33.70	7.07	7.82	9.0	3.37	81.7
688	8/12/2010 13:46	11.98	51.45	33.71	7.11	7.82	9.0	3.46	81.5

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	
689	8/12/2010 14:01	11.64	51.48	33.72	7.18	7.82	7.2	3.54	81.7
690	8/12/2010 14:16	11.46	51.51	33.73	7.21	7.83	6.0	3.62	81.7
691	8/12/2010 14:31	11.40	51.50	33.71	7.22	7.83	3.6	3.68	81.7
692	8/12/2010 14:46	11.36	51.50	33.72	7.21	7.83	2.7	3.71	81.6
693	8/12/2010 15:01	11.87	51.12	33.47	7.33	7.85	3.1	3.74	83.7
694	8/12/2010 15:16	12.32	51.46	33.73	7.37	7.86	2.9	3.71	85.1
695	8/12/2010 15:31	11.49	51.48	33.71	7.11	7.82	3.3	3.66	80.6
696	8/12/2010 15:46	11.55	51.49	33.72	7.20	7.83	3.8	3.58	81.8
697	8/12/2010 16:01	13.11	51.37	33.71	7.79	7.90	6.7	3.49	91.4
698	8/12/2010 16:16	13.38	51.35	33.70	7.80	7.90	6.3	3.37	92.0
699	8/12/2010 16:31	13.52	51.35	33.70	7.73	7.89	8.0	3.23	91.5
700	8/12/2010 16:46	13.31	51.36	33.70	7.65	7.88	8.0	3.12	90.1
701	8/12/2010 17:01	13.65	51.33	33.69	7.67	7.88	6.5	3.00	91.0
702	8/12/2010 17:16	14.11	51.31	33.70	7.81	7.90	5.3	2.86	93.6
703	8/12/2010 17:31	14.89	51.29	33.70	7.87	7.91	6.0	2.74	95.7
704	8/12/2010 17:46	15.41	51.28	33.71	8.00	7.93	5.7	2.63	98.4
705	8/12/2010 18:01	15.72	51.28	33.71	8.14	7.95	5.6	2.51	100.7
706	8/12/2010 18:16	15.75	51.29	33.72	8.24	7.95	5.2	2.37	101.9
707	8/12/2010 18:31	15.45	51.29	33.72	8.10	7.93	4.9	2.26	99.7
708	8/12/2010 18:46	15.66	51.27	33.71	8.14	7.94	6.0	2.14	100.5
709	8/12/2010 19:01	15.73	51.30	33.73	8.22	7.94	5.6	2.01	101.7
710	8/12/2010 19:16	15.86	51.31	33.74	8.12	7.94	6.7	1.90	100.8
711	8/12/2010 19:31	15.94	51.30	33.73	8.18	7.94	6.2	1.78	101.6
712	8/12/2010 19:46	16.10	51.32	33.75	8.18	7.94	5.5	1.68	102.0
713	8/12/2010 20:01	16.22	51.33	33.77	8.04	7.93	5.7	1.61	100.5
714	8/12/2010 20:16	16.80	51.32	33.77	7.88	7.92	5.0	1.55	99.5
715	8/12/2010 20:31	17.23	51.29	33.75	7.93	7.94	5.3	1.53	101.0
716	8/12/2010 20:46	17.37	51.32	33.77	7.77	7.93	4.1	1.53	99.2
717	8/12/2010 21:01	17.39	51.33	33.78	7.95	7.93	5.7	1.55	101.7
718	8/12/2010 21:16	17.15	51.36	33.80	7.86	7.92	4.2	1.62	100.0
719	8/12/2010 21:31	17.42	51.32	33.77	7.89	7.92	5.1	1.69	100.9
720	8/12/2010 21:46	17.26	51.32	33.77	7.83	7.92	5.2	1.79	99.8
721	8/12/2010 22:01	17.67	51.16	33.65	7.66	7.91	8.3	1.89	98.3
722	8/12/2010 22:16	17.30	51.23	33.70	7.70	7.90	7.6	1.99	98.2
723	8/12/2010 22:31	16.92	51.26	33.72	7.70	7.90	6.3	2.10	97.5
724	8/12/2010 22:46	16.75	51.28	33.74	7.74	7.90	6.1	2.19	97.7
725	8/12/2010 23:01	16.28	51.29	33.74	7.69	7.89	5.9	2.28	96.2
726	8/12/2010 23:16	15.86	51.30	33.74	7.56	7.87	5.1	2.39	93.8
727	8/12/2010 23:31	15.71	51.31	33.74	7.52	7.87	5.4	2.49	93.0
728	8/12/2010 23:46	15.52	51.32	33.74	7.50	7.86	6.0	2.58	92.4
729	8/13/2010 0:01	15.22	51.33	33.74	7.50	7.86	6.5	2.67	91.9
730	8/13/2010 0:16	14.93	51.33	33.73	7.48	7.86	6.2	2.76	91.0
731	8/13/2010 0:31	14.77	51.31	33.72	7.47	7.86	7.0	2.86	90.7
732	8/13/2010 0:46	14.32	51.32	33.71	7.53	7.86	8.1	2.95	90.6
733	8/13/2010 1:01	13.83	51.33	33.70	7.55	7.85	7.0	3.04	89.9
734	8/13/2010 1:16	13.30	51.38	33.72	7.51	7.84	7.4	3.14	88.5
735	8/13/2010 1:31	12.94	51.40	33.72	7.48	7.84	6.3	3.22	87.5
736	8/13/2010 1:46	12.72	51.41	33.72	7.53	7.84	5.9	3.31	87.7
737	8/13/2010 2:01	12.54	51.44	33.73	7.60	7.85	5.1	3.38	88.2
738	8/13/2010 2:16	12.32	51.45	33.73	7.60	7.85	4.0	3.45	87.8
739	8/13/2010 2:31	12.12	51.50	33.76	7.52	7.84	4.6	3.50	86.5
740	8/13/2010 2:46	11.99	51.49	33.74	7.41	7.84	2.8	3.54	85.0
741	8/13/2010 3:01	12.03	51.45	33.71	7.25	7.83	2.2	3.56	83.2

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	
742	8/13/2010 3:16	12.68	51.43	33.73	7.18	7.83	2.0	3.54	83.5
743	8/13/2010 3:31	12.21	51.44	33.72	6.78	7.80	1.9	3.50	78.1
744	8/13/2010 3:46	12.67	51.41	33.72	7.07	7.82	2.6	3.43	82.2
745	8/13/2010 4:01	13.37	51.37	33.71	7.03	7.83	4.9	3.34	83.0
746	8/13/2010 4:16	13.55	50.83	33.33	7.12	7.83	7.9	3.24	84.1
747	8/13/2010 4:31	13.71	51.38	33.73	7.18	7.84	5.4	3.13	85.3
748	8/13/2010 4:46	13.97	51.36	33.73	7.13	7.84	5.9	3.01	85.2
749	8/13/2010 5:01	14.28	51.33	33.71	7.10	7.83	5.8	2.88	85.4
750	8/13/2010 5:16	14.74	51.40	33.78	6.93	7.83	5.1	2.77	84.1
751	8/13/2010 5:31	15.35	51.31	33.73	6.78	7.82	5.1	2.65	83.3
752	8/13/2010 5:46	15.44	51.32	33.74	6.60	7.81	4.6	2.53	81.2
753	8/13/2010 6:01	15.36	51.33	33.75	6.75	7.82	6.4	2.41	83.0
754	8/13/2010 6:16	15.42	51.34	33.75	6.60	7.81	7.0	2.28	81.1
755	8/13/2010 6:31	15.29	51.33	33.74	6.65	7.81	7.1	2.17	81.6
756	8/13/2010 6:46	15.24	51.34	33.75	6.63	7.80	6.4	2.03	81.3
757	8/13/2010 7:01	15.23	51.33	33.74	6.65	7.80	5.7	1.90	81.5
758	8/13/2010 7:16	15.32	51.33	33.75	6.65	7.80	5.6	1.78	81.7
759	8/13/2010 7:31	15.50	51.26	33.70	6.66	7.81	4.9	1.66	82.0
760	8/13/2010 7:46	15.63	51.26	33.70	6.70	7.81	4.6	1.56	82.7
761	8/13/2010 8:01	16.03	51.26	33.71	6.76	7.83	5.2	1.46	84.1
762	8/13/2010 8:16	16.18	51.28	33.72	6.74	7.83	4.2	1.40	84.1
763	8/13/2010 8:31	16.45	51.30	33.74	6.75	7.84	3.9	1.38	84.7
764	8/13/2010 8:46	16.44	51.31	33.75	6.73	7.84	4.1	1.35	84.5
765	8/13/2010 9:01	16.37	51.27	33.72	6.64	7.82	3.6	1.38	83.2
766	8/13/2010 9:16	16.57	51.28	33.73	6.70	7.82	6.0	1.44	84.2
767	8/13/2010 9:31	16.62	51.28	33.73	6.69	7.82	3.8	1.50	84.2
768	8/13/2010 9:46	16.58	51.25	33.71	6.70	7.83	3.5	1.60	84.3
769	8/13/2010 10:01	16.58	51.19	33.67	6.63	7.83	4.8	1.70	83.4
770	8/13/2010 10:16	16.68	51.14	33.63	6.46	7.81	5.3	1.79	81.4
771	8/13/2010 10:31	16.39	51.22	33.69	6.57	7.82	11.1	1.90	82.4
772	8/13/2010 10:46	16.22	51.23	33.69	6.61	7.82	77.5	2.00	82.5
773	8/13/2010 11:01	16.16	51.26	33.71	6.67	7.81	8.4	2.10	83.2
774	8/13/2010 11:16	15.83	51.28	33.72	6.72	7.81	3.6	2.21	83.3
775	8/13/2010 11:31	15.61	51.26	33.70	6.83	7.82	4.2	2.33	84.3
776	8/13/2010 11:46	15.47	51.31	33.73	6.84	7.82	4.7	2.43	84.2
777	8/13/2010 12:01	15.28	51.31	33.73	6.93	7.83	5.6	2.54	85.0
778	8/13/2010 12:16	15.01	51.30	33.72	7.00	7.83	5.1	2.64	85.4
779	8/13/2010 12:31	14.86	51.26	33.69	7.04	7.83	6.7	2.75	85.6
780	8/13/2010 12:46	14.57	51.27	33.68	7.06	7.83	8.2	2.86	85.3
781	8/13/2010 13:01	14.02	51.29	33.68	7.17	7.83	7.8	2.96	85.7
782	8/13/2010 13:16	13.40	51.33	33.68	7.21	7.82	7.7	3.07	85.1
783	8/13/2010 13:31	12.98	51.35	33.68	7.27	7.82	7.6	3.18	85.1
784	8/13/2010 13:46	12.64	51.35	33.67	7.32	7.83	7.8	3.29	85.0
785	8/13/2010 14:01	12.34	51.38	33.68	7.35	7.83	6.9	3.40	84.9
786	8/13/2010 14:16	12.03	51.40	33.68	7.31	7.82	7.9	3.49	83.9
787	8/13/2010 14:31	11.76	51.42	33.68	7.34	7.83	7.2	3.58	83.8
788	8/13/2010 14:46	11.56	51.43	33.68	7.39	7.83	6.3	3.66	84.0
789	8/13/2010 15:01	11.52	51.42	33.67	7.42	7.80	3.5	3.72	84.3
790	8/13/2010 15:16	11.44	51.43	33.67	7.35	7.80	1.9	3.77	83.3
791	8/13/2010 15:31	11.34	51.46	33.68	7.27	7.82	1.7	3.79	82.2
792	8/13/2010 15:46	12.09	51.38	33.67	7.37	7.85	2.4	3.79	84.7
793	8/13/2010 16:01	11.57	51.47	33.70	7.37	7.84	2.7	3.75	83.8
794	8/13/2010 16:16	11.57	51.43	33.68	7.44	7.84	4.1	3.69	84.5

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	
795	8/13/2010 16:31	11.83	51.38	33.65	7.50	7.85	4.0	3.60	85.7
796	8/13/2010 16:46	12.62	51.38	33.69	7.89	7.89	4.8	3.50	91.6
797	8/13/2010 17:01	13.38	51.32	33.68	7.96	7.91	4.3	3.39	93.9
798	8/13/2010 17:16	13.37	51.32	33.68	7.84	7.89	7.1	3.27	92.5
799	8/13/2010 17:31	13.24	51.34	33.69	7.83	7.89	5.6	3.14	92.1
800	8/13/2010 17:46	13.42	51.31	33.67	7.83	7.89	4.0	3.03	92.5
801	8/13/2010 18:01	14.15	51.28	33.68	7.85	7.91	4.8	2.91	94.1
802	8/13/2010 18:16	14.55	51.28	33.69	7.79	7.90	5.4	2.79	94.2
803	8/13/2010 18:31	14.93	51.28	33.70	7.83	7.90	5.1	2.66	95.3
804	8/13/2010 18:46	15.23	51.28	33.71	7.88	7.91	4.5	2.54	96.6
805	8/13/2010 19:01	15.31	51.23	33.67	7.92	7.92	4.8	2.41	97.2
806	8/13/2010 19:16	15.29	51.25	33.69	8.11	7.93	4.6	2.29	99.4
807	8/13/2010 19:31	15.30	51.26	33.69	8.16	7.93	4.8	2.17	100.1
808	8/13/2010 19:46	15.30	51.25	33.69	7.96	7.93	5.2	2.05	97.6
809	8/13/2010 20:01	15.64	51.24	33.69	7.94	7.92	5.4	1.93	98.1
810	8/13/2010 20:16	15.79	51.25	33.70	7.86	7.91	5.4	1.81	97.4
811	8/13/2010 20:31	15.87	51.26	33.70	7.80	7.91	5.4	1.71	96.7
812	8/13/2010 20:46	16.06	51.25	33.70	7.70	7.90	5.5	1.61	95.8
813	8/13/2010 21:01	16.46	51.25	33.71	7.54	7.90	5.9	1.55	94.7
814	8/13/2010 21:16	16.58	51.29	33.74	7.46	7.89	5.2	1.50	93.8
815	8/13/2010 21:31	17.07	51.28	33.74	7.50	7.90	4.6	1.48	95.3
816	8/13/2010 21:46	17.03	51.26	33.72	7.52	7.91	4.5	1.51	95.4
817	8/13/2010 22:01	17.18	51.28	33.74	7.65	7.91	4.0	1.53	97.4
818	8/13/2010 22:16	17.17	51.26	33.73	7.62	7.91	4.5	1.59	96.9
819	8/13/2010 22:31	17.26	51.29	33.75	7.70	7.92	5.4	1.68	98.1
820	8/13/2010 22:46	17.24	51.26	33.72	7.64	7.91	6.7	1.78	97.3
821	8/13/2010 23:01	17.46	51.13	33.63	7.44	7.89	8.3	1.86	95.2
822	8/13/2010 23:16	17.07	51.23	33.70	7.54	7.89	7.8	1.96	95.8
823	8/13/2010 23:31	16.78	51.26	33.72	7.58	7.89	5.9	2.07	95.7
824	8/13/2010 23:46	16.67	51.26	33.72	7.58	7.89	5.8	2.15	95.5
825	8/14/2010 0:01	16.37	51.28	33.73	7.61	7.89	5.7	2.25	95.3
826	8/14/2010 0:16	15.90	51.29	33.72	7.52	7.87	6.2	2.34	93.4
827	8/14/2010 0:31	15.73	51.28	33.72	7.51	7.87	5.2	2.42	92.8
828	8/14/2010 0:46	15.57	51.29	33.72	7.49	7.87	5.0	2.52	92.4
829	8/14/2010 1:01	15.36	51.30	33.72	7.47	7.86	4.9	2.60	91.8
830	8/14/2010 1:16	15.10	51.30	33.72	7.46	7.86	5.5	2.68	91.1
831	8/14/2010 1:31	14.91	51.30	33.71	7.46	7.86	4.9	2.76	90.8
832	8/14/2010 1:46	14.77	51.29	33.70	7.44	7.86	5.7	2.84	90.3
833	8/14/2010 2:01	14.35	51.28	33.68	7.47	7.86	5.7	2.92	89.9
834	8/14/2010 2:16	13.99	51.30	33.69	7.46	7.85	5.4	3.00	89.2
835	8/14/2010 2:31	13.64	51.33	33.69	7.44	7.85	5.1	3.08	88.3
836	8/14/2010 2:46	13.24	51.36	33.70	7.42	7.84	4.9	3.15	87.3
837	8/14/2010 3:01	13.00	51.36	33.69	7.41	7.84	4.3	3.22	86.8
838	8/14/2010 3:16	12.77	51.37	33.69	7.43	7.84	3.6	3.27	86.5
839	8/14/2010 3:31	12.61	51.38	33.69	7.44	7.85	2.9	3.31	86.4
840	8/14/2010 3:46	12.57	51.40	33.70	7.43	7.85	2.3	3.35	86.2
841	8/14/2010 4:01	12.93	51.31	33.65	7.24	7.85	2.1	3.35	84.7
842	8/14/2010 4:16	12.58	51.43	33.73	7.26	7.84	1.8	3.33	84.3
843	8/14/2010 4:31	12.66	51.38	33.69	7.27	7.84	2.4	3.29	84.5
844	8/14/2010 4:46	12.74	51.38	33.70	7.29	7.84	3.2	3.23	84.8
845	8/14/2010 5:01	13.61	51.33	33.70	7.13	7.84	5.1	3.14	84.5
846	8/14/2010 5:16	13.85	51.30	33.68	7.14	7.84	5.1	3.06	85.0
847	8/14/2010 5:31	14.10	51.31	33.69	7.07	7.84	5.7	2.94	84.7

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	
848	8/14/2010 5:46	14.33	51.27	33.68	7.00	7.84	5.2	2.86	84.2
849	8/14/2010 6:01	14.63	51.30	33.71	6.91	7.84	5.2	2.75	83.6
850	8/14/2010 6:16	15.13	51.26	33.69	6.71	7.82	5.0	2.64	82.1
851	8/14/2010 6:31	15.45	51.27	33.70	6.52	7.80	5.2	2.55	80.2
852	8/14/2010 6:46	15.51	51.29	33.72	6.37	7.79	4.8	2.45	78.5
853	8/14/2010 7:01	15.37	51.27	33.70	6.55	7.80	4.5	2.35	80.4
854	8/14/2010 7:16	15.38	51.24	33.68	6.26	7.78	4.2	2.23	76.9
855	8/14/2010 7:31	15.17	51.27	33.70	6.32	7.77	3.9	2.14	77.3
856	8/14/2010 7:46	15.09	51.30	33.71	6.51	7.79	3.5	2.04	79.5
857	8/14/2010 8:01	14.97	51.29	33.70	6.57	7.79	3.3	1.94	80.0
858	8/14/2010 8:16	15.32	51.29	33.71	6.67	7.81	3.4	1.85	81.8
859	8/14/2010 8:31	15.53	51.29	33.72	6.71	7.82	3.3	1.77	82.7
860	8/14/2010 8:46	15.70	51.29	33.72	6.73	7.82	3.0	1.72	83.2
861	8/14/2010 9:01	16.11	51.29	33.73	6.68	7.84	3.5	1.67	83.3
862	8/14/2010 9:16	16.30	51.28	33.72	6.64	7.83	2.9	1.64	83.1
863	8/14/2010 9:31	16.48	51.29	33.73	6.54	7.84	2.9	1.64	82.2
864	8/14/2010 9:46	16.46	51.31	33.75	6.64	7.83	2.7	1.67	83.3
865	8/14/2010 10:01	16.46	51.30	33.74	6.61	7.83	3.0	1.71	83.0
866	8/14/2010 10:16	16.54	51.31	33.75	6.54	7.83	3.9	1.77	82.3
867	8/14/2010 10:31	16.45	51.31	33.75	6.60	7.83	4.2	1.86	82.8
868	8/14/2010 10:46	16.44	51.20	33.67	6.58	7.82	6.7	1.95	82.5
869	8/14/2010 11:01	16.42	51.14	33.63	6.47	7.81	7.9	2.03	81.1
870	8/14/2010 11:16	16.15	51.21	33.67	6.59	7.81	5.4	2.13	82.2
871	8/14/2010 11:31	16.03	51.22	33.68	6.65	7.82	4.8	2.22	82.7
872	8/14/2010 11:46	15.96	51.22	33.68	6.67	7.82	4.9	2.32	82.9
873	8/14/2010 12:01	15.62	51.23	33.68	6.79	7.82	4.3	2.41	83.8
874	8/14/2010 12:16	15.43	51.26	33.70	6.92	7.83	5.1	2.51	85.1
875	8/14/2010 12:31	15.34	51.26	33.69	6.99	7.83	5.9	2.61	85.8
876	8/14/2010 12:46	15.14	51.26	33.69	7.07	7.83	7.1	2.70	86.4
877	8/14/2010 13:01	14.84	51.26	33.68	7.08	7.83	6.3	2.80	86.1
878	8/14/2010 13:16	14.65	51.27	33.68	7.13	7.83	7.0	2.90	86.4
879	8/14/2010 13:31	14.31	51.25	33.66	7.21	7.83	9.2	3.00	86.7
880	8/14/2010 13:46	13.78	51.26	33.65	7.32	7.84	8.2	3.09	87.1
881	8/14/2010 14:01	13.41	51.28	33.65	7.43	7.84	8.2	3.20	87.7
882	8/14/2010 14:16	12.96	51.28	33.63	7.53	7.85	7.4	3.30	88.1
883	8/14/2010 14:31	12.76	51.30	33.64	7.69	7.86	7.0	3.40	89.6
884	8/14/2010 14:46	12.42	51.34	33.65	7.85	7.87	5.9	3.50	90.8
885	8/14/2010 15:01	12.24	51.37	33.67	7.89	7.87	4.8	3.59	91.0
886	8/14/2010 15:16	12.14	51.36	33.65	7.94	7.88	4.0	3.67	91.3
887	8/14/2010 15:31	11.99	51.37	33.65	8.07	7.89	3.2	3.74	92.5
888	8/14/2010 15:46	11.92	51.36	33.65	8.21	7.90	3.0	3.78	94.0
889	8/14/2010 16:01	11.82	51.38	33.65	8.29	7.91	1.6	3.81	94.6
890	8/14/2010 16:16	12.50	51.35	33.66	8.22	7.91	2.4	3.83	95.2
891	8/14/2010 16:31	12.19	51.35	33.65	8.02	7.89	2.4	3.81	92.3
892	8/14/2010 16:46	11.95	51.37	33.65	8.17	7.90	2.7	3.77	93.6
893	8/14/2010 17:01	12.04	51.35	33.64	8.17	7.90	3.1	3.70	93.8
894	8/14/2010 17:16	13.53	51.27	33.65	8.38	7.94	3.8	3.62	99.2
895	8/14/2010 17:31	13.53	51.27	33.65	8.40	7.93	4.8	3.53	99.4
896	8/14/2010 17:46	14.20	51.24	33.65	8.40	7.94	5.0	3.41	100.7
897	8/14/2010 18:01	13.99	51.27	33.66	8.24	7.93	6.5	3.29	98.4
898	8/14/2010 18:16	14.04	51.25	33.65	8.14	7.92	5.2	3.19	97.3
899	8/14/2010 18:31	14.03	51.21	33.62	8.18	7.92	4.2	3.07	97.8
900	8/14/2010 18:46	14.48	50.86	33.37	8.23	7.91	4.3	2.94	99.1

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	
901	8/14/2010 19:01	14.92	51.26	33.68	8.09	7.92	4.7	2.83	98.5
902	8/14/2010 19:16	15.36	51.20	33.65	8.12	7.93	5.6	2.71	99.6
903	8/14/2010 19:31	15.76	51.25	33.70	8.25	7.95	4.9	2.59	102.1
904	8/14/2010 19:46	15.84	51.23	33.68	8.27	7.96	5.9	2.47	102.5
905	8/14/2010 20:01	15.70	51.25	33.70	8.30	7.94	5.7	2.35	102.6
906	8/14/2010 20:16	15.59	51.28	33.71	8.12	7.92	5.8	2.23	100.2
907	8/14/2010 20:31	15.77	51.23	33.68	7.98	7.92	5.4	2.12	98.7
908	8/14/2010 20:46	16.14	51.27	33.71	7.93	7.92	6.3	1.99	98.9
909	8/14/2010 21:01	16.07	51.26	33.71	7.81	7.91	6.2	1.87	97.2
910	8/14/2010 21:16	16.28	51.27	33.72	7.70	7.90	5.9	1.78	96.3
911	8/14/2010 21:31	16.38	51.27	33.72	7.59	7.90	5.8	1.67	95.1
912	8/14/2010 21:46	16.64	51.27	33.73	7.48	7.89	6.0	1.59	94.2
913	8/14/2010 22:01	16.86	51.27	33.73	7.42	7.89	5.2	1.55	93.9
914	8/14/2010 22:16	17.29	51.28	33.74	7.50	7.91	4.9	1.51	95.6
915	8/14/2010 22:31	17.31	51.30	33.75	7.50	7.90	4.6	1.51	95.6
916	8/14/2010 22:46	17.30	51.33	33.77	7.61	7.91	4.6	1.51	97.2
917	8/14/2010 23:01	17.41	51.30	33.76	7.54	7.91	4.0	1.56	96.5
918	8/14/2010 23:16	17.59	51.27	33.74	7.63	7.92	4.8	1.62	97.9
919	8/14/2010 23:31	17.55	51.31	33.76	7.67	7.92	5.1	1.68	98.3
920	8/14/2010 23:46	17.48	51.29	33.75	7.61	7.91	5.9	1.77	97.4
921	8/15/2010 0:01	17.76	51.15	33.65	7.39	7.89	7.5	1.85	95.0
922	8/15/2010 0:16	17.57	51.18	33.67	7.42	7.89	7.8	1.95	95.0
923	8/15/2010 0:31	17.18	51.24	33.71	7.52	7.89	6.1	2.02	95.7
924	8/15/2010 0:46	17.03	51.25	33.72	7.52	7.89	5.6	2.10	95.5
925	8/15/2010 1:01	16.93	51.24	33.71	7.57	7.89	6.2	2.19	95.9
926	8/15/2010 1:16	16.72	51.26	33.72	7.59	7.89	5.4	2.25	95.7
927	8/15/2010 1:31	16.30	51.25	33.71	7.56	7.88	5.7	2.34	94.6
928	8/15/2010 1:46	16.14	51.25	33.71	7.56	7.88	5.1	2.42	94.3
929	8/15/2010 2:01	16.03	51.26	33.71	7.57	7.88	4.4	2.49	94.2
930	8/15/2010 2:16	15.89	51.25	33.70	7.58	7.88	4.3	2.58	94.1
931	8/15/2010 2:31	15.71	51.26	33.70	7.62	7.87	4.1	2.64	94.2
932	8/15/2010 2:46	15.49	51.27	33.70	7.75	7.87	4.0	2.72	95.4
933	8/15/2010 3:01	15.34	51.27	33.70	7.72	7.86	3.8	2.78	94.8
934	8/15/2010 3:16	15.21	51.25	33.68	7.69	7.86	4.3	2.85	94.2
935	8/15/2010 3:31	14.98	51.23	33.66	7.73	7.87	3.6	2.92	94.2
936	8/15/2010 3:46	14.71	51.26	33.67	7.73	7.87	3.4	2.97	93.6
937	8/15/2010 4:01	14.50	51.24	33.66	7.72	7.87	3.1	3.03	93.2
938	8/15/2010 4:16	14.24	51.31	33.70	7.73	7.87	2.9	3.07	92.8
939	8/15/2010 4:31	13.96	51.31	33.69	7.75	7.87	2.1	3.11	92.6
940	8/15/2010 4:46	13.78	51.27	33.66	7.76	7.87	2.3	3.14	92.3
941	8/15/2010 5:01	14.20	51.27	33.67	7.60	7.86	3.0	3.13	91.1
942	8/15/2010 5:16	13.84	51.31	33.69	7.55	7.86	1.6	3.13	90.0
943	8/15/2010 5:31	13.92	51.27	33.66	7.57	7.86	1.9	3.10	90.3
944	8/15/2010 5:46	14.46	51.25	33.66	7.45	7.86	2.5	3.04	89.8
945	8/15/2010 6:01	15.03	51.24	33.67	7.15	7.84	4.0	2.98	87.3
946	8/15/2010 6:16	15.13	51.25	33.68	7.19	7.85	4.8	2.90	87.9
947	8/15/2010 6:31	15.20	51.25	33.68	7.20	7.85	4.2	2.82	88.1
948	8/15/2010 6:46	15.41	51.24	33.68	6.98	7.83	5.7	2.74	85.8
949	8/15/2010 7:01	15.51	51.22	33.67	6.85	7.82	4.0	2.65	84.4
950	8/15/2010 7:16	15.49	51.26	33.70	6.84	7.82	3.8	2.57	84.2
951	8/15/2010 7:31	15.41	51.25	33.69	6.76	7.81	3.4	2.49	83.1
952	8/15/2010 7:46	15.52	51.25	33.69	6.65	7.80	3.8	2.41	81.9
953	8/15/2010 8:01	15.83	51.26	33.71	6.64	7.81	3.4	2.33	82.4

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	
954	8/15/2010 8:16	15.77	51.25	33.69	6.68	7.81	3.1	2.25	82.7
955	8/15/2010 8:31	15.86	51.26	33.71	6.83	7.82	3.2	2.17	84.8
956	8/15/2010 8:46	15.97	51.27	33.71	6.92	7.83	3.0	2.11	86.0
957	8/15/2010 9:01	16.08	51.27	33.71	7.01	7.84	3.0	2.03	87.4
958	8/15/2010 9:16	16.13	51.26	33.71	7.10	7.85	2.7	1.98	88.5
959	8/15/2010 9:31	16.30	51.23	33.69	7.10	7.86	2.5	1.94	88.8
960	8/15/2010 9:46	16.50	51.27	33.72	7.10	7.86	2.6	1.92	89.2
961	8/15/2010 10:01	16.73	51.28	33.73	6.91	7.85	2.5	1.90	87.2
962	8/15/2010 10:16	16.81	51.31	33.76	6.68	7.84	2.3	1.89	84.4
963	8/15/2010 10:31	16.72	51.28	33.74	6.93	7.85	2.3	1.94	87.4
964	8/15/2010 10:46	16.71	51.28	33.74	6.87	7.84	2.8	1.96	86.6
965	8/15/2010 11:01	16.77	51.28	33.74	6.80	7.84	2.8	2.02	85.9
966	8/15/2010 11:16	16.72	51.28	33.73	6.82	7.84	2.9	2.08	86.0
967	8/15/2010 11:31	16.63	51.28	33.73	6.85	7.83	3.2	2.16	86.2
968	8/15/2010 11:46	16.76	51.25	33.71	6.79	7.83	4.6	2.24	85.8
969	8/15/2010 12:01	16.49	51.28	33.73	6.86	7.83	3.4	2.30	86.2
970	8/15/2010 12:16	16.37	51.27	33.72	6.92	7.83	3.5	2.40	86.7
971	8/15/2010 12:31	16.13	51.26	33.71	6.88	7.83	3.9	2.48	85.9
972	8/15/2010 12:46	15.90	51.26	33.71	7.01	7.84	3.8	2.55	87.0
973	8/15/2010 13:01	15.65	51.26	33.70	7.20	7.85	3.7	2.63	88.9
974	8/15/2010 13:16	15.55	51.25	33.69	7.29	7.86	3.8	2.72	89.8
975	8/15/2010 13:31	15.44	51.25	33.69	7.38	7.86	4.2	2.80	90.8
976	8/15/2010 13:46	15.30	51.25	33.69	7.46	7.86	4.1	2.88	91.5
977	8/15/2010 14:01	15.05	51.25	33.68	7.53	7.86	4.7	2.97	91.9
978	8/15/2010 14:16	14.80	51.25	33.68	7.62	7.87	4.6	3.06	92.5
979	8/15/2010 14:31	14.37	51.25	33.66	7.77	7.88	6.3	3.15	93.5
980	8/15/2010 14:46	13.95	51.26	33.65	7.98	7.89	6.1	3.23	95.2
981	8/15/2010 15:01	13.64	51.26	33.64	8.18	7.90	5.0	3.33	97.1
982	8/15/2010 15:16	13.12	51.29	33.64	8.62	7.93	5.0	3.42	101.2
983	8/15/2010 15:31	12.95	51.29	33.64	8.96	7.96	4.0	3.50	104.7
984	8/15/2010 15:46	12.75	51.30	33.63	9.22	7.98	4.1	3.57	107.3
985	8/15/2010 16:01	12.58	51.30	33.63	9.46	8.00	2.4	3.64	109.8
986	8/15/2010 16:16	12.45	51.33	33.65	9.52	8.00	2.4	3.70	110.2
987	8/15/2010 16:31	12.37	51.32	33.63	9.47	8.00	2.4	3.73	109.4
988	8/15/2010 16:46	12.38	51.28	33.61	9.39	8.00	1.5	3.74	108.5
989	8/15/2010 17:01	12.57	51.37	33.68	9.27	7.99	1.8	3.75	107.5
990	8/15/2010 17:16	12.46	51.32	33.64	9.17	7.99	1.5	3.74	106.2
991	8/15/2010 17:31	12.42	51.32	33.64	9.30	7.99	1.8	3.69	107.6
992	8/15/2010 17:46	12.73	51.36	33.68	9.36	8.00	3.5	3.62	108.9
993	8/15/2010 18:01	13.88	51.28	33.67	9.11	7.99	2.8	3.55	108.6
994	8/15/2010 18:16	14.30	51.25	33.65	9.15	8.00	4.0	3.46	109.9
995	8/15/2010 18:31	14.21	51.24	33.64	9.07	7.99	5.4	3.36	108.9
996	8/15/2010 18:46	14.21	51.24	33.65	8.86	7.97	4.9	3.25	106.3
997	8/15/2010 19:01	14.47	51.23	33.65	8.64	7.96	4.9	3.15	104.2
998	8/15/2010 19:16	14.77	51.22	33.65	8.52	7.95	4.9	3.05	103.4
999	8/15/2010 19:31	15.30	51.24	33.68	8.34	7.95	3.8	2.93	102.3
1000	8/15/2010 19:46	15.49	51.23	33.67	8.16	7.93	4.4	2.83	100.5
1001	8/15/2010 20:01	16.06	51.22	33.68	8.16	7.95	4.3	2.73	101.6
1002	8/15/2010 20:16	16.23	51.22	33.69	8.20	7.94	5.0	2.61	102.4
1003	8/15/2010 20:31	16.28	51.22	33.68	8.09	7.93	5.2	2.50	101.1
1004	8/15/2010 20:46	16.01	51.23	33.69	8.25	7.94	4.8	2.38	102.6
1005	8/15/2010 21:01	16.04	51.20	33.67	8.01	7.92	5.1	2.26	99.7
1006	8/15/2010 21:16	16.06	51.21	33.67	7.98	7.92	5.1	2.15	99.3

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	
1007	8/15/2010 21:31	16.17	51.16	33.64	7.89	7.92	5.1	2.03	98.5
1008	8/15/2010 21:46	16.22	51.25	33.70	7.79	7.91	4.9	1.92	97.3
1009	8/15/2010 22:01	16.55	51.24	33.70	7.65	7.90	5.3	1.81	96.2
1010	8/15/2010 22:16	16.55	51.25	33.71	7.51	7.89	4.6	1.71	94.4
1011	8/15/2010 22:31	16.81	51.26	33.72	7.44	7.88	4.8	1.62	94.1
1012	8/15/2010 22:46	17.00	51.27	33.73	7.40	7.89	4.6	1.56	93.8
1013	8/15/2010 23:01	17.43	51.30	33.76	7.43	7.90	4.3	1.52	95.1
1014	8/15/2010 23:16	17.62	51.31	33.77	7.45	7.91	3.9	1.47	95.6
1015	8/15/2010 23:31	17.84	51.30	33.76	7.50	7.91	3.8	1.47	96.6
1016	8/15/2010 23:46	17.73	51.31	33.76	7.55	7.91	3.8	1.51	97.2
1017	8/16/2010 0:01	17.79	51.31	33.77	7.63	7.92	3.6	1.52	98.3
1018	8/16/2010 0:16	17.79	51.33	33.78	7.60	7.92	4.3	1.58	97.9
1019	8/16/2010 0:31	17.79	51.32	33.77	7.58	7.91	5.1	1.64	97.6
1020	8/16/2010 0:46	17.68	51.31	33.76	7.55	7.91	5.8	1.71	97.0
1021	8/16/2010 1:01	17.98	51.20	33.69	7.32	7.89	7.2	1.78	94.6
1022	8/16/2010 1:16	17.92	51.18	33.67	7.24	7.88	7.7	1.85	93.4
1023	8/16/2010 1:31	17.84	51.18	33.67	7.32	7.88	7.4	1.92	94.3
1024	8/16/2010 1:46	17.48	51.23	33.71	7.40	7.89	6.3	1.99	94.7
1025	8/16/2010 2:01	17.34	51.24	33.71	7.44	7.88	5.2	2.05	94.9
1026	8/16/2010 2:16	17.23	51.24	33.71	7.48	7.89	5.5	2.14	95.2
1027	8/16/2010 2:31	17.13	51.24	33.71	7.54	7.89	5.4	2.20	95.8
1028	8/16/2010 2:46	16.82	51.26	33.72	7.63	7.88	5.1	2.26	96.5
1029	8/16/2010 3:01	16.48	51.25	33.70	7.71	7.88	4.1	2.34	96.8
1030	8/16/2010 3:16	16.40	51.24	33.70	7.67	7.88	3.4	2.41	96.2
1031	8/16/2010 3:31	16.26	51.25	33.70	7.71	7.88	3.7	2.47	96.4
1032	8/16/2010 3:46	16.12	51.24	33.69	7.71	7.88	3.2	2.54	96.1
1033	8/16/2010 4:01	16.03	51.25	33.70	7.70	7.89	3.1	2.61	95.8
1034	8/16/2010 4:16	15.89	51.25	33.69	7.72	7.89	2.8	2.66	95.8
1035	8/16/2010 4:31	15.76	51.25	33.69	7.73	7.89	2.9	2.71	95.7
1036	8/16/2010 4:46	15.64	51.25	33.69	7.74	7.89	2.4	2.78	95.6
1037	8/16/2010 5:01	15.55	51.20	33.65	7.72	7.88	2.7	2.81	95.2
1038	8/16/2010 5:16	15.37	51.21	33.66	7.78	7.89	2.5	2.86	95.6
1039	8/16/2010 5:31	15.13	51.21	33.65	7.84	7.89	2.1	2.88	95.8
1040	8/16/2010 5:46	15.08	51.20	33.64	7.80	7.89	2.1	2.91	95.3
1041	8/16/2010 6:01	14.99	51.22	33.66	7.78	7.89	2.0	2.94	94.9
1042	8/16/2010 6:16	15.07	51.24	33.67	7.63	7.89	2.2	2.93	93.1
1043	8/16/2010 6:31	15.04	51.18	33.63	7.53	7.88	1.5	2.92	91.8
1044	8/16/2010 6:46	15.00	51.19	33.63	7.62	7.88	1.8	2.90	92.9
1045	8/16/2010 7:01	15.13	51.19	33.63	7.57	7.88	1.8	2.86	92.5
1046	8/16/2010 7:16	15.57	51.19	33.65	7.38	7.87	2.4	2.81	91.0
1047	8/16/2010 7:31	15.83	51.29	33.73	6.24	7.74	4.9	2.75	77.3
1048	8/16/2010 7:46	15.76	51.28	33.72	6.10	7.72	4.0	2.68	75.5
1049	8/16/2010 8:01	15.91	51.26	33.70	6.69	7.80	3.4	2.63	83.1
1050	8/16/2010 8:16	15.94	51.26	33.71	6.70	7.80	3.1	2.56	83.2
1051	8/16/2010 8:31	15.95	51.26	33.71	6.83	7.81	3.1	2.49	84.8
1052	8/16/2010 8:46	16.09	51.26	33.71	6.91	7.82	2.9	2.42	86.0
1053	8/16/2010 9:01	16.08	51.25	33.70	6.78	7.81	2.6	2.38	84.5
1054	8/16/2010 9:16	16.19	51.27	33.72	6.70	7.81	3.2	2.30	83.7
1055	8/16/2010 9:31	16.21	51.27	33.72	6.77	7.82	2.6	2.26	84.6
1056	8/16/2010 9:46	16.32	51.29	33.73	6.77	7.82	2.7	2.22	84.8
1057	8/16/2010 10:01	16.44	51.23	33.70	6.78	7.83	2.7	2.17	85.0
1058	8/16/2010 10:16	16.57	51.27	33.72	6.82	7.83	2.8	2.16	85.8
1059	8/16/2010 10:31	16.74	51.28	33.74	6.80	7.84	2.7	2.12	85.8

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	
1060	8/16/2010 10:46	16.81	51.26	33.72	6.76	7.84	2.7	2.13	85.4
1061	8/16/2010 11:01	16.81	51.28	33.73	6.47	7.83	2.6	2.12	81.8
1062	8/16/2010 11:16	16.93	51.28	33.73	6.83	7.84	2.9	2.14	86.5
1063	8/16/2010 11:31	16.88	51.20	33.68	6.84	7.84	2.7	2.17	86.5
1064	8/16/2010 11:46	16.79	51.27	33.73	6.88	7.84	3.0	2.21	86.9
1065	8/16/2010 12:01	16.71	51.27	33.73	6.85	7.84	3.4	2.25	86.4
1066	8/16/2010 12:16	16.59	51.27	33.72	6.83	7.83	4.3	2.30	85.9
1067	8/16/2010 12:31	16.39	51.27	33.72	6.84	7.83	2.9	2.36	85.7
1068	8/16/2010 12:46	16.43	51.27	33.72	6.97	7.84	3.8	2.42	87.4
1069	8/16/2010 13:01	16.34	51.18	33.65	7.07	7.84	3.1	2.48	88.5
1070	8/16/2010 13:16	16.20	51.26	33.71	7.11	7.84	3.0	2.54	88.8
1071	8/16/2010 13:31	16.02	51.25	33.70	7.19	7.85	3.4	2.62	89.5
1072	8/16/2010 13:46	15.90	51.22	33.68	7.31	7.86	3.2	2.68	90.7
1073	8/16/2010 14:01	15.68	51.24	33.68	7.54	7.89	6.4	2.75	93.1
1074	8/16/2010 14:16	15.45	51.23	33.67	7.67	7.88	3.2	2.82	94.4
1075	8/16/2010 14:31	15.15	51.23	33.67	7.81	7.89	4.2	2.89	95.5
1076	8/16/2010 14:46	14.93	51.23	33.66	7.89	7.90	5.7	2.96	96.1
1077	8/16/2010 15:01	14.70	51.24	33.66	7.94	7.90	8.8	3.04	96.2
1078	8/16/2010 15:16	14.45	51.24	33.66	8.11	7.91	5.2	3.12	97.7
1079	8/16/2010 15:31	14.18	51.24	33.65	8.17	7.91	7.0	3.19	98.0
1080	8/16/2010 15:46	13.85	51.26	33.65	8.34	7.92	4.4	3.27	99.4
1081	8/16/2010 16:01	13.54	51.27	33.65	8.50	7.93	4.0	3.34	100.7
1082	8/16/2010 16:16	13.29	51.28	33.64	8.54	7.93	4.2	3.41	100.5
1083	8/16/2010 16:31	13.02	51.30	33.65	8.54	7.93	3.8	3.49	100.0
1084	8/16/2010 16:46	12.66	51.32	33.65	8.54	7.93	2.9	3.54	99.2
1085	8/16/2010 17:01	12.54	51.33	33.65	8.56	7.93	2.5	3.58	99.3
1086	8/16/2010 17:16	12.46	51.34	33.65	8.63	7.94	2.1	3.63	99.9
1087	8/16/2010 17:31	12.44	51.34	33.66	8.61	7.94	1.8	3.65	99.6
1088	8/16/2010 17:46	12.74	51.29	33.63	8.60	7.94	2.0	3.66	100.1
1089	8/16/2010 18:01	12.44	51.34	33.65	8.47	7.93	1.7	3.65	98.0
1090	8/16/2010 18:16	12.47	51.35	33.66	8.50	7.93	2.3	3.63	98.4
1091	8/16/2010 18:31	12.65	51.33	33.66	8.45	7.93	2.3	3.57	98.3
1092	8/16/2010 18:46	13.66	51.26	33.65	8.70	7.98	6.1	3.50	103.2
1093	8/16/2010 19:01	14.14	51.26	33.66	8.69	7.98	6.2	3.43	104.2
1094	8/16/2010 19:16	14.69	51.23	33.66	8.69	7.98	6.7	3.35	105.3
1095	8/16/2010 19:31	14.78	51.11	33.57	8.64	7.98	5.4	3.25	104.8
1096	8/16/2010 19:46	14.86	51.24	33.67	8.48	7.96	4.2	3.16	103.1
1097	8/16/2010 20:01	14.84	51.25	33.68	8.42	7.95	3.5	3.07	102.3
1098	8/16/2010 20:16	15.25	51.26	33.69	8.37	7.96	6.0	2.97	102.6
1099	8/16/2010 20:31	15.77	51.24	33.68	8.32	7.96	4.8	2.87	103.0
1100	8/16/2010 20:46	15.99	51.22	33.68	8.27	7.96	5.2	2.78	102.8
1101	8/16/2010 21:01	16.46	51.27	33.72	8.37	7.97	5.1	2.68	105.0
1102	8/16/2010 21:16	16.56	51.27	33.73	8.44	7.97	4.8	2.58	106.2
1103	8/16/2010 21:31	16.63	51.27	33.73	8.04	7.94	4.6	2.48	101.3
1104	8/16/2010 21:46	16.55	51.27	33.72	8.07	7.94	29.4	2.37	101.5
1105	8/16/2010 22:01	16.45	51.27	33.72	7.97	7.93	25.3	2.26	100.0
1106	8/16/2010 22:16	16.43	51.26	33.71	7.82	7.92	4.4	2.16	98.1
1107	8/16/2010 22:31	16.57	50.96	33.50	7.78	7.92	4.8	2.04	97.7
1108	8/16/2010 22:46	16.48	51.27	33.72	7.66	7.91	4.8	1.93	96.2
1109	8/16/2010 23:01	16.70	51.26	33.72	7.52	7.90	4.5	1.84	94.8
1110	8/16/2010 23:16	16.84	51.28	33.73	7.44	7.90	4.3	1.73	94.1
1111	8/16/2010 23:31	16.95	51.28	33.74	7.33	7.89	4.0	1.65	92.8
1112	8/16/2010 23:46	17.20	51.28	33.74	7.30	7.90	3.9	1.59	93.0

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	
1113	8/17/2010 0:01	17.44	51.31	33.77	7.31	7.89	3.8	1.54	93.5
1114	8/17/2010 0:16	17.63	51.31	33.77	7.27	7.90	3.7	1.51	93.3
1115	8/17/2010 0:31	17.73	51.28	33.75	7.23	7.90	3.0	1.49	93.0
1116	8/17/2010 0:46	17.69	51.31	33.76	7.24	7.90	3.6	1.51	93.1
1117	8/17/2010 1:01	17.88	51.32	33.78	7.45	7.91	3.4	1.51	96.1
1118	8/17/2010 1:16	17.76	51.32	33.78	7.42	7.90	3.5	1.54	95.5
1119	8/17/2010 1:31	17.89	51.33	33.78	7.47	7.91	4.6	1.60	96.4
1120	8/17/2010 1:46	17.86	51.32	33.78	7.45	7.91	4.9	1.65	96.1
1121	8/17/2010 2:01	17.83	51.31	33.76	7.42	7.91	5.7	1.72	95.7
1122	8/17/2010 2:16	18.07	50.59	33.24	7.22	7.89	7.4	1.77	93.2
1123	8/17/2010 2:31	17.88	51.24	33.71	7.22	7.89	7.4	1.84	93.1
1124	8/17/2010 2:46	17.84	51.21	33.70	7.17	7.89	7.2	1.91	92.4
1125	8/17/2010 3:01	17.72	51.23	33.71	7.28	7.89	6.5	1.95	93.6
1126	8/17/2010 3:16	17.59	51.25	33.72	7.28	7.89	6.3	2.03	93.4
1127	8/17/2010 3:31	17.50	51.25	33.72	7.30	7.89	7.0	2.10	93.4
1128	8/17/2010 3:46	17.37	51.26	33.73	7.38	7.90	6.0	2.16	94.3
1129	8/17/2010 4:01	17.20	51.26	33.72	7.42	7.90	7.0	2.23	94.4
1130	8/17/2010 4:16	16.96	51.24	33.71	7.51	7.90	6.5	2.29	95.1
1131	8/17/2010 4:31	16.65	51.25	33.71	7.58	7.90	4.5	2.36	95.5
1132	8/17/2010 4:46	16.57	51.26	33.72	7.59	7.90	4.0	2.42	95.4
1133	8/17/2010 5:01	16.40	51.25	33.71	7.65	7.90	3.1	2.47	95.9
1134	8/17/2010 5:16	16.33	51.25	33.71	7.64	7.90	3.1	2.54	95.7
1135	8/17/2010 5:31	16.24	51.25	33.71	7.67	7.90	3.0	2.59	95.9
1136	8/17/2010 5:46	16.17	51.25	33.70	7.68	7.90	4.3	2.64	95.8
1137	8/17/2010 6:01	15.97	51.25	33.70	7.74	7.91	5.2	2.70	96.1
1138	8/17/2010 6:16	15.85	50.67	33.27	7.76	7.91	3.4	2.75	96.0
1139	8/17/2010 6:31	15.74	51.09	33.57	7.72	7.90	2.8	2.78	95.4
1140	8/17/2010 6:46	15.64	51.02	33.53	7.72	7.90	2.4	2.81	95.2
1141	8/17/2010 7:01	15.50	51.10	33.58	7.70	7.90	3.1	2.85	94.7
1142	8/17/2010 7:16	15.36	51.14	33.61	7.70	7.91	2.3	2.86	94.5
1143	8/17/2010 7:31	15.44	51.21	33.66	7.54	7.89	2.4	2.86	92.8
1144	8/17/2010 7:46	15.36	51.19	33.65	7.48	7.89	1.8	2.87	91.8
1145	8/17/2010 8:01	15.38	51.19	33.64	7.46	7.90	2.1	2.85	91.6
1146	8/17/2010 8:16	15.35	51.20	33.65	7.54	7.90	1.9	2.81	92.5
1147	8/17/2010 8:31	15.53	51.03	33.53	7.51	7.90	6.7	2.77	92.4
1148	8/17/2010 8:46	15.97	51.24	33.69	7.31	7.89	2.4	2.74	90.8
1149	8/17/2010 9:01	16.07	51.24	33.69	7.26	7.88	2.9	2.69	90.4
1150	8/17/2010 9:16	16.20	51.27	33.71	6.98	7.86	3.2	2.63	87.1
1151	8/17/2010 9:31	16.32	51.28	33.73	6.74	7.83	3.7	2.59	84.3
1152	8/17/2010 9:46	16.36	51.27	33.72	6.74	7.83	3.2	2.54	84.5
1153	8/17/2010 10:01	16.31	51.30	33.74	6.43	7.79	3.5	2.49	80.5
1154	8/17/2010 10:16	16.39	50.65	33.26	6.68	7.81	3.8	2.46	83.5
1155	8/17/2010 10:31	16.48	50.71	33.31	6.82	7.83	3.1	2.42	85.4
1156	8/17/2010 10:46	16.56	50.65	33.27	6.85	7.84	2.9	2.38	85.9
1157	8/17/2010 11:01	16.66	50.70	33.31	6.81	7.84	4.2	2.37	85.6
1158	8/17/2010 11:16	16.78	50.70	33.31	6.89	7.85	3.8	2.34	86.8
1159	8/17/2010 11:31	16.84	50.63	33.26	6.92	7.86	4.7	2.33	87.2
1160	8/17/2010 11:46	16.92	50.74	33.34	6.86	7.86	5.5	2.33	86.7
1161	8/17/2010 12:01	16.66	50.93	33.47	6.89	7.84	3.9	2.33	86.6
1162	8/17/2010 12:16	16.86	51.27	33.73	6.95	7.86	3.0	2.34	87.9
1163	8/17/2010 12:31	16.86	50.69	33.30	6.96	7.86	2.9	2.35	87.8
1164	8/17/2010 12:46	16.75	50.78	33.37	7.00	7.86	3.3	2.38	88.2
1165	8/17/2010 13:01	16.66	50.62	33.25	6.98	7.86	4.6	2.41	87.7

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	
1166	8/17/2010 13:16	16.55	50.83	33.40	7.08	7.86	3.4	2.45	88.8
1167	8/17/2010 13:31	16.49	51.26	33.72	7.08	7.87		2.49	88.9
1168	8/17/2010 13:46	16.46	51.27	33.72	7.16	7.87	3.2	2.54	89.8
1169	8/17/2010 14:01	16.32	50.87	33.43	7.24	7.89	4.3	2.60	90.5
1170	8/17/2010 14:16	16.23	51.16	33.64	7.30	7.88	3.1	2.64	91.1
1171	8/17/2010 14:31	16.13	51.24	33.70	7.41	7.89	2.6	2.71	92.4
1172	8/17/2010 14:46	15.85	51.18	33.65	7.50	7.90	2.6	2.76	93.0
1173	8/17/2010 15:01	15.61	50.64	33.24	7.60	7.90	18.1	2.82	93.6
1174	8/17/2010 15:16	15.40	51.23	33.68	7.70	7.91	6.8	2.89	94.7
1175	8/17/2010 15:31	15.09	51.23	33.67	7.85	7.91	2.6	2.94	95.8
1176	8/17/2010 15:46	14.83	51.24	33.67	7.94	7.92	2.6	3.01	96.5
1177	8/17/2010 16:01	14.59	51.24	33.66	7.99	7.92	2.9	3.08	96.6
1178	8/17/2010 16:16	14.41	51.26	33.67	7.98	7.92	2.4	3.14	96.1
1179	8/17/2010 16:31	14.20	51.26	33.67	8.03	7.92	2.4	3.22	96.3
1180	8/17/2010 16:46	13.99	51.27	33.66	8.13	7.93	2.5	3.27	97.1
1181	8/17/2010 17:01	13.72	51.29	33.67	8.18	7.93	2.6	3.34	97.2
1182	8/17/2010 17:16	13.49	51.29	33.66	8.18	7.92	2.3	3.40	96.7
1183	8/17/2010 17:31	13.27	51.31	33.67	8.16	7.92	2.0	3.45	96.1
1184	8/17/2010 17:46	13.17	51.32	33.67	8.15	7.92	2.2	3.50	95.8
1185	8/17/2010 18:01	12.98	51.34	33.67	8.15	7.92	1.8	3.54	95.4
1186	8/17/2010 18:16	12.87	51.35	33.68	8.15	7.92	1.5	3.57	95.1
1187	8/17/2010 18:31	12.85	51.34	33.67	8.10	7.92	1.0	3.59	94.5
1188	8/17/2010 18:46	12.98	51.39	33.71	8.05	7.92	1.2	3.60	94.2
1189	8/17/2010 19:01	12.89	51.34	33.67	7.91	7.91	1.1	3.59	92.4
1190	8/17/2010 19:16	12.91	51.34	33.67	8.01	7.91	1.0	3.56	93.5
1191	8/17/2010 19:31	12.99	51.33	33.67	8.00	7.91	1.3	3.52	93.6
1192	8/17/2010 19:46	13.74	51.29	33.67	8.05	7.94	1.4	3.47	95.7
1193	8/17/2010 20:01	14.49	51.19	33.62	8.15	7.96	1.8	3.39	98.4
1194	8/17/2010 20:16	14.93	51.21	33.64	8.07	7.96	2.6	3.31	98.3
1195	8/17/2010 20:31	15.14	51.28	33.70	8.10	7.95	3.2	3.24	99.0
1196	8/17/2010 20:46	15.09	51.28	33.70	8.02	7.94	2.9	3.14	98.0
1197	8/17/2010 21:01	15.02	51.26	33.69	7.98	7.93	3.3	3.06	97.3
1198	8/17/2010 21:16	15.22	51.24	33.67	7.93	7.94	2.9	2.97	97.0
1199	8/17/2010 21:31	15.62	51.24	33.69	7.85	7.93	3.1	2.89	96.9
1200	8/17/2010 21:46	15.96	51.25	33.70	7.79	7.93	3.2	2.80	96.8
1201	8/17/2010 22:01	16.20	51.23	33.69	7.73	7.93	3.5	2.70	96.5
1202	8/17/2010 22:16	16.42	51.23	33.69	7.75	7.93	3.6	2.61	97.1
1203	8/17/2010 22:31	16.46	51.27	33.72	7.80	7.93	4.0	2.51	97.9
1204	8/17/2010 22:46	16.44	51.27	33.72	7.74	7.93	3.9	2.41	97.2
1205	8/17/2010 23:01	16.36	50.94	33.48	7.70	7.92	6.0	2.31	96.3
1206	8/17/2010 23:16	16.16	51.25	33.71	7.55	7.91	5.0	2.19	94.2
1207	8/17/2010 23:31	16.33	51.28	33.73	7.39	7.90	4.6	2.09	92.5
1208	8/17/2010 23:46	16.31	51.27	33.72	7.27	7.89	4.3	1.99	91.0
1209	8/18/2010 0:01	16.30	51.29	33.73	7.17	7.88	4.3	1.88	89.8
1210	8/18/2010 0:16	16.52	51.29	33.74	7.02	7.87	4.5	1.77	88.3
1211	8/18/2010 0:31	16.79	51.30	33.75	6.98	7.87	4.9	1.69	88.2
1212	8/18/2010 0:46	16.99	51.34	33.78	6.95	7.87	4.8	1.63	88.1
1213	8/18/2010 1:01	17.19	51.33	33.78	6.90	7.87	4.2	1.56	87.9
1214	8/18/2010 1:16	17.47	51.33	33.78	6.92	7.88	4.2	1.52	88.5
1215	8/18/2010 1:31	17.51	51.31	33.76	6.87	7.88	4.0	1.49	88.1
1216	8/18/2010 1:46	17.67	51.32	33.77	6.94	7.89	4.0	1.49	89.2
1217	8/18/2010 2:01	17.55	51.31	33.76	6.96	7.88	3.6	1.50	89.2
1218	8/18/2010 2:16	17.76	51.33	33.78	7.14	7.90	3.7	1.51	91.9

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	
1219	8/18/2010 2:31	17.63	51.33	33.78	7.09	7.89	3.9	1.56	91.0
1220	8/18/2010 2:46	17.78	51.33	33.78	7.08	7.89	5.1	1.61	91.2
1221	8/18/2010 3:01	17.73	51.33	33.78	7.12	7.89	5.6	1.67	91.6
1222	8/18/2010 3:16	17.68	51.33	33.78	7.12	7.89	6.6	1.71	91.5
1223	8/18/2010 3:31	17.77	50.90	33.47	7.00	7.88	6.9	1.77	89.9
1224	8/18/2010 3:46	17.62	50.82	33.41	7.01	7.89	6.0	1.85	89.8
1225	8/18/2010 4:01	17.62	51.20	33.69	6.93	7.88	15.8	1.90	88.9
1226	8/18/2010 4:16	17.56	51.21	33.69	6.97	7.88	8.4	1.94	89.3
1227	8/18/2010 4:31	17.44	51.21	33.69	7.01	7.88	7.1	2.02	89.7
1228	8/18/2010 4:46	17.33	51.24	33.71	7.04	7.88	7.8	2.08	89.8
1229	8/18/2010 5:01	17.19	51.24	33.71	7.12	7.88	6.5	2.15	90.7
1230	8/18/2010 5:16	17.11	51.25	33.71	7.12	7.88	7.3	2.20	90.5
1231	8/18/2010 5:31	16.92	51.25	33.71	7.20	7.88	6.9	2.28	91.1
1232	8/18/2010 5:46	16.74	51.23	33.70	7.24	7.88	5.3	2.34	91.4
1233	8/18/2010 6:01	16.61	51.23	33.70	7.28	7.89	4.6	2.40	91.6
1234	8/18/2010 6:16	16.45	51.16	33.64	7.33	7.89	4.1	2.46	91.9
1235	8/18/2010 6:31	16.35	51.24	33.69	7.36	7.89	24.1	2.52	92.1
1236	8/18/2010 6:46	16.27	51.23	33.69	7.38	7.89	3.0	2.59	92.3
1237	8/18/2010 7:01	16.24	51.23	33.69	7.40	7.89	3.1	2.63	92.4
1238	8/18/2010 7:16	16.10	51.21	33.67	7.43	7.90	2.7	2.68	92.6
1239	8/18/2010 7:31	15.97	51.08	33.57	7.46	7.90	2.6	2.73	92.7
1240	8/18/2010 7:46	15.83	51.19	33.65	7.45	7.89	2.5	2.78	92.3
1241	8/18/2010 8:01	15.66	51.06	33.55	7.45	7.89	2.4	2.81	91.9
1242	8/18/2010 8:16	15.51	51.12	33.60	7.46	7.89	22.1	2.84	91.8
1243	8/18/2010 8:31	15.33	50.88	33.41	7.44	7.89	9.0	2.86	91.2
1244	8/18/2010 8:46	15.23	50.98	33.49	7.46	7.89	2.1	2.89	91.2
1245	8/18/2010 9:01	15.24	51.08	33.56	7.31	7.89	1.8	2.90	89.4
1246	8/18/2010 9:16	15.27	51.10	33.57	7.19	7.88	2.0	2.88	88.1
1247	8/18/2010 9:31	15.30	51.08	33.56	7.24	7.89	2.2	2.87	88.8
1248	8/18/2010 9:46	15.31	51.07	33.56	7.29	7.89	2.4	2.85	89.3
1249	8/18/2010 10:01	15.48	51.03	33.53	7.21	7.88	3.2	2.82	88.6
1250	8/18/2010 10:16	15.71	51.17	33.64	6.51	7.76	4.1	2.78	80.5
1251	8/18/2010 10:31	15.71	51.26	33.70	6.57	7.76	4.7	2.73	81.2
1252	8/18/2010 10:46	15.92	51.15	33.63	7.01	7.83	5.1	2.69	87.0
1253	8/18/2010 11:01	16.07	51.08	33.57	7.21	7.87	4.5	2.65	89.7
1254	8/18/2010 11:16	16.15	51.18	33.65	7.29	7.88	4.1	2.61	90.9
1255	8/18/2010 11:31	16.20	51.25	33.70	7.39	7.89	3.8	2.57	92.2
1256	8/18/2010 11:46	16.24	51.25	33.70	7.50	7.88	3.7	2.53	93.7
1257	8/18/2010 12:01	16.32	51.24	33.70	7.59	7.89	3.8	2.51	95.0
1258	8/18/2010 12:16	16.37	51.25	33.71	7.44	7.88	3.4	2.48	93.2
1259	8/18/2010 12:31	16.39	51.25	33.70	7.42	7.89	3.1	2.45	93.0
1260	8/18/2010 12:46	16.43	51.27	33.72	7.44	7.90	3.0	2.43	93.3
1261	8/18/2010 13:01	16.54	51.27	33.73	7.38	7.90	3.1	2.42	92.8
1262	8/18/2010 13:16	16.65	51.07	33.58	7.33	7.89	3.2	2.43	92.2
1263	8/18/2010 13:31	16.71	51.27	33.73	7.36	7.88	3.4	2.43	92.8
1264	8/18/2010 13:46	16.66	51.26	33.72	7.37	7.88	3.6	2.44	92.8
1265	8/18/2010 14:01	16.79	50.99	33.52	7.22	7.88	3.1	2.46	91.1
1266	8/18/2010 14:16	16.68	50.73	33.33	7.27	7.88	3.0	2.48	91.5
1267	8/18/2010 14:31	16.63	51.25	33.71	7.28	7.88	3.2	2.52	91.6
1268	8/18/2010 14:46	16.56	51.14	33.63	7.30	7.88	3.2	2.56	91.7
1269	8/18/2010 15:01	16.46	51.25	33.71	7.21	7.88	3.4	2.59	90.5
1270	8/18/2010 15:16	16.35	51.13	33.61	7.23	7.88	2.9	2.65	90.5
1271	8/18/2010 15:31	16.40	51.14	33.62	7.33	7.88	3.1	2.69	91.9

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	
1272	8/18/2010 15:46	16.31	51.08	33.58	7.35	7.88	2.9	2.74	91.9
1273	8/18/2010 16:01	16.15	51.07	33.57	7.37	7.88	2.9	2.80	91.8
1274	8/18/2010 16:16	15.88	51.21	33.67	7.35	7.88	2.6	2.86	91.2
1275	8/18/2010 16:31	15.49	51.13	33.60	7.46	7.88	3.0	2.91	91.8
1276	8/18/2010 16:46	14.89	51.08	33.55	7.58	7.89	2.3	2.97	92.1
1277	8/18/2010 17:01	14.55	51.20	33.63	7.65	7.89	2.3	3.03	92.4
1278	8/18/2010 17:16	14.54	51.21	33.63	7.80	7.90	2.4	3.10	94.2
1279	8/18/2010 17:31	14.31	50.50	33.11	7.86	7.90	2.5	3.17	94.2
1280	8/18/2010 17:46	14.12	50.62	33.19	7.84	7.90	2.1	3.21	93.7
1281	8/18/2010 18:01	14.03	51.16	33.58	7.86	7.91	2.4	3.28	93.9
1282	8/18/2010 18:16	13.79	51.16	33.58	7.98	7.91	2.0	3.34	94.9
1283	8/18/2010 18:31	13.62	51.13	33.55	8.10	7.92	7.6	3.39	96.0
1284	8/18/2010 18:46	13.33	51.21	33.59	8.19	7.92	3.2	3.43	96.5
1285	8/18/2010 19:01	13.17	50.71	33.22	8.21	7.92	2.4	3.47	96.2
1286	8/18/2010 19:16	13.08	51.24	33.61	8.19	7.92	3.8	3.52	96.0
1287	8/18/2010 19:31	13.01	51.13	33.52	8.22	7.92	2.1	3.53	96.2
1288	8/18/2010 19:46	13.27	50.93	33.39	8.08	7.92	2.3	3.54	94.9
1289	8/18/2010 20:01	13.07	51.29	33.64	7.94	7.91	0.8	3.54	93.0
1290	8/18/2010 20:16	13.05	51.22	33.59	7.92	7.91	1.0	3.53	92.8
1291	8/18/2010 20:31	13.10	51.24	33.61	7.95	7.91	1.0	3.49	93.2
1292	8/18/2010 20:46	13.24	51.26	33.63	7.93	7.91	7.8	3.43	93.3
1293	8/18/2010 21:01	13.72	50.58	33.15	7.94	7.92	1.6	3.39	94.1
1294	8/18/2010 21:16	14.23	51.28	33.68	7.83	7.93		3.32	94.0
1295	8/18/2010 21:31	14.41	51.23	33.64	7.82	7.92	4.3	3.24	94.2
1296	8/18/2010 21:46	14.57	50.60	33.19	7.83	7.92		3.16	94.3
1297	8/18/2010 22:01	14.82	51.25	33.67	7.77	7.93	4.3	3.06	94.4
1298	8/18/2010 22:16	15.28	51.25	33.69	7.75	7.93	3.6	2.98	95.0
1299	8/18/2010 22:31	15.52	51.25	33.69	7.73	7.93	5.1	2.89	95.2
1300	8/18/2010 22:46	15.86	51.25	33.70	7.72	7.94	3.7	2.80	95.7
1301	8/18/2010 23:01	15.76	51.26	33.70	7.71	7.94	4.3	2.70	95.4
1302	8/18/2010 23:16	15.77	51.26	33.70	7.64	7.93	4.1	2.60	94.6
1303	8/18/2010 23:31	15.34	51.26	33.69	7.38	7.89	3.7	2.50	90.5
1304	8/18/2010 23:46	15.67	51.26	33.70	7.32	7.89	5.4	2.39	90.5
1305	8/19/2010 0:01	15.62	51.27	33.70	7.17	7.88	5.1	2.29	88.5
1306	8/19/2010 0:16	15.68	51.27	33.71	7.08	7.87	6.0	2.17	87.4
1307	8/19/2010 0:31	15.58	51.28	33.71	6.97	7.85	5.7	2.06	86.0
1308	8/19/2010 0:46	16.09	51.26	33.71	6.97	7.87	5.4	1.96	86.8
1309	8/19/2010 1:01	15.99	51.28	33.72	6.86	7.85	4.6	1.83	85.3
1310	8/19/2010 1:16	16.40	51.28	33.73	6.84	7.86	4.5	1.75	85.7
1311	8/19/2010 1:31	16.42	51.29	33.74	6.79	7.85	4.6	1.66	85.2
1312	8/19/2010 1:46	16.54	51.28	33.73	6.74	7.85	4.5	1.58	84.7
1313	8/19/2010 2:01	16.79	51.30	33.75	6.74	7.86	4.8	1.50	85.2
1314	8/19/2010 2:16	16.80	51.32	33.76	6.72	7.86	4.0	1.45	84.9
1315	8/19/2010 2:31	16.89	51.32	33.77	6.66	7.85	4.0	1.44	84.4
1316	8/19/2010 2:46	17.09	51.35	33.79	6.74	7.86	4.0	1.41	85.7
1317	8/19/2010 3:01	17.00	50.68	33.29	6.71	7.85	23.0	1.41	84.9
1318	8/19/2010 3:16	17.16	50.76	33.36	6.86	7.87	14.0	1.45	87.1
1319	8/19/2010 3:31	17.30	51.35	33.79	6.91	7.88	4.1	1.47	88.2
1320	8/19/2010 3:46	17.26	51.35	33.79	6.93	7.88	4.0	1.52	88.3
1321	8/19/2010 4:01	17.30	51.26	33.73	6.98	7.89	3.7	1.56	89.1
1322	8/19/2010 4:16	17.28	51.34	33.78	6.99	7.89	4.2	1.62	89.2
1323	8/19/2010 4:31	17.24	51.28	33.74	6.95	7.88	5.2	1.67	88.5
1324	8/19/2010 4:46	17.30	51.19	33.68	6.85	7.87	7.2	1.74	87.3

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	
1325	8/19/2010 5:01	17.25	51.20	33.68	6.82	7.86	8.1	1.79	86.9
1326	8/19/2010 5:16	17.18	51.22	33.70	6.82	7.86	9.5	1.85	86.8
1327	8/19/2010 5:31	17.12	51.24	33.71	6.86	7.87	10.4	1.93	87.2
1328	8/19/2010 5:46	17.01	51.27	33.73	6.87	7.87	8.7	1.99	87.2
1329	8/19/2010 6:01	16.95	51.26	33.72	6.87	7.87	7.8	2.05	87.1
1330	8/19/2010 6:16	16.90	51.25	33.72	6.89	7.87	7.1	2.13	87.2
1331	8/19/2010 6:31	16.82	51.26	33.72	6.90	7.87	7.2	2.21	87.2
1332	8/19/2010 6:46	16.60	51.27	33.72	6.98	7.88	5.5	2.28	87.9
1333	8/19/2010 7:01	16.44	51.26	33.71	7.02	7.88	4.6	2.34	88.1
1334	8/19/2010 7:16	16.31	50.51	33.16	7.14	7.88	20.6	2.42	89.1
1335	8/19/2010 7:31	16.12	51.25	33.71	7.19	7.89	3.9	2.48	89.6
1336	8/19/2010 7:46	16.04	51.25	33.70	7.22	7.89	5.1	2.55	89.8
1337	8/19/2010 8:01	15.99	50.58	33.21	7.23	7.89	17.8	2.61	89.6
1338	8/19/2010 8:16	15.83	51.05	33.55	7.25	7.89	4.9	2.66	89.8
1339	8/19/2010 8:31	15.67	51.00	33.51	7.26	7.89	3.7	2.72	89.6
1340	8/19/2010 8:46	15.54	51.17	33.63	7.24	7.89	3.4	2.77	89.1
1341	8/19/2010 9:01	15.37	51.21	33.65	7.26	7.88	2.9	2.82	89.2
1342	8/19/2010 9:16	15.26	51.05	33.54	7.28	7.89	3.0	2.85	89.2
1343	8/19/2010 9:31	15.12	51.18	33.63	7.31	7.89	2.6	2.88	89.3
	Mean	15.28	51.26	33.68	7.37	7.88	5.0	2.55	90.3
	Minimum	11.34	50.37	32.92	6.10	7.72	0.3	0.82	73.8
	Maximum	18.10	51.54	33.91	9.52	8.04	77.5	3.93	120.4

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	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
0	8/19/2010 10:01	14.89	51.01	33.50	7.93	7.91	1.5	2.95	96.4
1	8/19/2010 10:16	15.13	51.09	33.56	7.84	7.91	2.1	2.95	95.8
2	8/19/2010 10:31	14.81	51.20	33.64	7.78	7.90	1.8	2.96	94.4
3	8/19/2010 10:46	14.84	51.23	33.66	7.75	7.91	1.2	2.94	94.1
4	8/19/2010 11:01	14.87	51.07	33.54	7.78	7.91	1.3	2.91	94.5
5	8/19/2010 11:16	15.14	50.91	33.43	7.83	7.91	2.0	2.86	95.6
6	8/19/2010 11:31	15.56	50.80	33.36	7.96	7.92	2.4	2.82	98.0
7	8/19/2010 11:46	15.59	51.04	33.54	7.87	7.91	2.1	2.78	96.9
8	8/19/2010 12:01	15.68	50.62	33.23	7.84	7.91	2.3	2.72	96.6
9	8/19/2010 12:16	15.79	51.16	33.63	7.80	7.91	2.1	2.67	96.6
10	8/19/2010 12:31	15.87	50.64	33.25	7.82	7.91	2.2	2.62	96.7
11	8/19/2010 12:46	15.98	51.20	33.66	7.76	7.91	2.2	2.58	96.4
12	8/19/2010 13:01	16.04	51.27	33.72	7.73	7.91	2.0	2.53	96.3
13	8/19/2010 13:16	16.12	50.94	33.47	7.69	7.91	2.3	2.49	95.7
14	8/19/2010 13:31	16.19	50.98	33.51	7.69	7.91	2.0	2.48	95.8
15	8/19/2010 13:46	16.24	51.06	33.56	7.70	7.91	2.2	2.44	96.2
16	8/19/2010 14:01	16.40	51.12	33.61	7.85	7.92	2.2	2.42	98.3
17	8/19/2010 14:16	16.55	51.23	33.69	7.88	7.92	2.2	2.41	99.0
18	8/19/2010 14:31	16.55	51.35	33.79	8.07	7.94	1.9	2.40	101.5
19	8/19/2010 14:46	16.58	51.19	33.67	8.33	7.95	3.0	2.42	104.8
20	8/19/2010 15:01	16.73	51.02	33.54	8.35	7.95	2.3	2.42	105.2
21	8/19/2010 15:16	16.71	50.72	33.32	8.27	7.94	2.1	2.44	104.0
22	8/19/2010 15:31	16.68	50.82	33.39	8.14	7.93	2.3	2.48	102.4
23	8/19/2010 15:46	16.66	51.24	33.70	8.07	7.93	2.3	2.51	101.7
24	8/19/2010 16:01	16.54	51.24	33.70	8.14	7.93	2.4	2.54	102.3
25	8/19/2010 16:16	16.38	51.05	33.56	8.05	7.92	2.6	2.59	100.8
26	8/19/2010 16:31	16.46	51.01	33.53	8.15	7.93	2.7	2.64	102.2
27	8/19/2010 16:46	16.22	51.07	33.57	8.20	7.93	2.4	2.68	102.3
28	8/19/2010 17:01	16.08	50.85	33.41	8.34	7.94	2.5	2.74	103.7
29	8/19/2010 17:16	15.85	50.96	33.49	8.09	7.92	2.2	2.80	100.2
30	8/19/2010 17:31	15.52	51.08	33.57	8.02	7.91	2.3	2.86	98.8
31	8/19/2010 17:46	15.05	51.29	33.71	8.10	7.91	2.1	2.91	98.9
32	8/19/2010 18:01	14.92	51.22	33.65	8.25	7.92	2.3	2.97	100.4
33	8/19/2010 18:16	14.47	51.16	33.60	8.31	7.92	1.9	3.04	100.2
34	8/19/2010 18:31	14.31	51.10	33.55	8.43	7.93	2.2	3.10	101.3
35	8/19/2010 18:46	14.03	50.95	33.43	8.42	7.92	1.8	3.16	100.5
36	8/19/2010 19:01	13.89	51.23	33.63	8.43	7.92	1.6	3.23	100.5
37	8/19/2010 19:16	13.73	51.12	33.54	8.45	7.92	2.0	3.29	100.4
38	8/19/2010 19:31	13.52	51.11	33.53	8.45	7.92	2.0	3.34	99.9
39	8/19/2010 19:46	13.19	50.99	33.43	8.46	7.91	1.7	3.39	99.3
40	8/19/2010 20:01	13.00	51.31	33.65	8.42	7.91	1.6	3.43	98.6
41	8/19/2010 20:16	12.89	51.23	33.60	8.38	7.91	1.2	3.48	97.9
42	8/19/2010 20:31	12.80	51.16	33.53	8.34	7.90	1.3	3.51	97.2
43	8/19/2010 20:46	12.77	51.54	33.81	8.27	7.90	1.2	3.52	96.4
44	8/19/2010 21:01	12.95	51.49	33.78	8.18	7.89	1.0	3.52	95.7
45	8/19/2010 21:16	12.84	51.16	33.54	8.09	7.89	0.5	3.52	94.3
46	8/19/2010 21:31	12.83	51.33	33.66	8.12	7.89	0.4	3.49	94.7
47	8/19/2010 21:46	12.88	51.08	33.48	8.14	7.89	1.0	3.43	94.9
48	8/19/2010 22:01	13.81	51.20	33.61	8.10	7.91	1.3	3.37	96.4
49	8/19/2010 22:16	14.07	50.98	33.45	8.05	7.90	2.6	3.30	96.2
50	8/19/2010 22:31	14.62	51.14	33.59	8.21	7.92	2.6	3.23	99.3
51	8/19/2010 22:46	14.54	51.06	33.53	8.22	7.92	2.5	3.13	99.2
52	8/19/2010 23:01	14.87	51.21	33.64	8.17	7.92	2.9	3.04	99.3

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	
53	8/19/2010 23:16	15.08	51.01	33.51	8.13	7.92	2.6	2.96	99.1
54	8/19/2010 23:31	15.32	51.24	33.68	8.08	7.91	2.3	2.87	99.2
55	8/19/2010 23:46	15.71	51.19	33.65	8.01	7.91	2.9	2.77	99.0
56	8/20/2010 0:01	15.97	50.91	33.45	8.04	7.92	3.4	2.66	99.8
57	8/20/2010 0:16	16.20	51.32	33.76	8.13	7.93	3.4	2.57	101.6
58	8/20/2010 0:31	16.17	51.03	33.54	8.27	7.95	2.9	2.48	103.1
59	8/20/2010 0:46	16.28	51.01	33.53	8.24	7.94	4.0	2.37	103.0
60	8/20/2010 1:01	16.13	51.16	33.63	8.01	7.92	4.8	2.24	99.8
61	8/20/2010 1:16	16.13	51.30	33.74	7.80	7.90	4.8	2.14	97.2
62	8/20/2010 1:31	16.17	50.94	33.48	7.67	7.89	4.5	2.03	95.6
63	8/20/2010 1:46	16.08	51.12	33.60	7.56	7.88	4.4	1.91	94.1
64	8/20/2010 2:01	16.29	51.02	33.53	7.55	7.88	4.7	1.80	94.3
65	8/20/2010 2:16	16.43	51.10	33.59	7.47	7.88	4.2	1.70	93.6
66	8/20/2010 2:31	16.59	51.10	33.60	7.46	7.88	3.9	1.61	93.8
67	8/20/2010 2:46	16.76	51.03	33.55	7.43	7.88	3.8	1.51	93.8
68	8/20/2010 3:01	16.97	51.19	33.67	7.48	7.89	3.7	1.45	94.8
69	8/20/2010 3:16	17.28	50.83	33.41	7.57	7.90	3.6	1.40	96.3
70	8/20/2010 3:31	17.34	51.41	33.83	7.62	7.90	3.3	1.37	97.3
71	8/20/2010 3:46	17.50	51.38	33.82	7.76	7.91	3.2	1.34	99.5
72	8/20/2010 4:01	17.51	51.36	33.80	7.65	7.91	2.7	1.36	98.0
73	8/20/2010 4:16	17.50	51.10	33.61	7.85	7.92	2.7	1.40	100.4
74	8/20/2010 4:31	17.45	51.21	33.69	7.81	7.91	2.8	1.40	99.9
75	8/20/2010 4:46	17.48	50.66	33.29	7.93	7.92	3.1	1.46	101.3
76	8/20/2010 5:01	17.47	51.32	33.77	7.93	7.92	3.5	1.54	101.5
77	8/20/2010 5:16	17.42	51.24	33.71	7.91	7.92	3.9	1.59	101.1
78	8/20/2010 5:31	17.54	51.06	33.58	7.77	7.91	6.0	1.65	99.4
79	8/20/2010 5:46	17.47	50.95	33.50	7.74	7.91	6.0	1.73	98.9
80	8/20/2010 6:01	17.47	51.09	33.60	7.70	7.90	7.1	1.81	98.5
81	8/20/2010 6:16	17.36	51.08	33.60	7.74	7.91	6.3	1.85	98.8
82	8/20/2010 6:31	17.21	51.05	33.57	7.73	7.90	6.0	1.94	98.4
83	8/20/2010 6:46	17.10	51.21	33.69	7.73	7.90	5.5	2.02	98.2
84	8/20/2010 7:01	16.96	51.38	33.81	7.72	7.90	5.4	2.09	97.9
85	8/20/2010 7:16	16.70	51.30	33.75	7.73	7.90	5.6	2.18	97.4
86	8/20/2010 7:31	16.50	50.78	33.36	7.74	7.90	5.1	2.24	97.0
87	8/20/2010 7:46	16.35	51.07	33.58	7.72	7.90	3.8	2.32	96.7
88	8/20/2010 8:01	16.23	50.89	33.44	7.74	7.90	4.1	2.40	96.5
89	8/20/2010 8:16	16.04	51.02	33.53	7.77	7.90	3.6	2.48	96.6
90	8/20/2010 8:31	15.97	51.10	33.59	7.77	7.90	3.8	2.55	96.5
91	8/20/2010 8:46	15.82	50.91	33.45	7.78	7.89	3.4	2.61	96.3
92	8/20/2010 9:01	15.64	51.14	33.61	7.75	7.88	3.1	2.68	95.6
93	8/20/2010 9:16	15.44	51.06	33.55	7.71	7.89	3.4	2.75	94.8
94	8/20/2010 9:31	15.23	50.97	33.48	7.74	7.88	3.3	2.80	94.7
95	8/20/2010 9:46	15.00	51.08	33.55	7.79	7.88	3.4	2.85	94.8
96	8/20/2010 10:01	14.80	51.12	33.57	7.80	7.88	2.6	2.91	94.7
97	8/20/2010 10:16	14.67	51.21	33.64	7.80	7.88	2.6	2.95	94.4
98	8/20/2010 10:31	14.55	50.85	33.37	7.79	7.88	1.9	2.99	94.0
99	8/20/2010 10:46	14.18	51.32	33.70	7.76	7.87	1.9	3.02	93.1
100	8/20/2010 11:01	14.06	51.18	33.60	7.76	7.87	1.3	3.03	92.8
101	8/20/2010 11:16	14.31	51.30	33.70	7.65	7.87	1.5	3.04	92.0
102	8/20/2010 11:31	14.21	51.17	33.60	7.65	7.87	1.4	3.02	91.7
103	8/20/2010 11:46	14.33	51.03	33.50	7.64	7.86	2.3	2.98	91.7
104	8/20/2010 12:01	14.59	51.19	33.62	7.63	7.86	2.1	2.95	92.3
105	8/20/2010 12:16	15.04	51.16	33.61	7.82	7.88	2.1	2.89	95.3

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	
106	8/20/2010 12:31	15.03	50.99	33.49	7.84	7.89	2.9	2.84	95.6
107	8/20/2010 12:46	15.31	51.21	33.65	7.99	7.89	2.4	2.78	98.0
108	8/20/2010 13:01	15.73	51.13	33.60	8.24	7.91	2.4	2.72	101.9
109	8/20/2010 13:16	15.97	51.18	33.65	8.28	7.91	2.3	2.67	102.9
110	8/20/2010 13:31	16.03	51.19	33.66	8.18	7.91	2.1	2.62	101.8
111	8/20/2010 13:46	16.16	50.96	33.49	8.18	7.92	2.0	2.57	102.0
112	8/20/2010 14:01	16.29	51.03	33.54	8.10	7.91	2.1	2.51	101.2
113	8/20/2010 14:16	16.61	51.07	33.58	8.43	7.94	2.1	2.48	106.0
114	8/20/2010 14:31	16.63	51.25	33.71	8.52	7.94	2.4	2.44	107.3
115	8/20/2010 14:46	16.86	51.09	33.60	8.58	7.95	2.3	2.41	108.4
116	8/20/2010 15:01	16.98	51.12	33.62	8.52	7.94	2.6	2.39	107.9
117	8/20/2010 15:16	17.05	51.19	33.67	8.42	7.94	2.1	2.36	106.8
118	8/20/2010 15:31	17.15	50.93	33.48	8.36	7.94	1.9	2.37	106.2
119	8/20/2010 15:46	17.07	50.45	33.13	9.03	7.97	2.9	2.36	114.3
120	8/20/2010 16:01	17.10	51.10	33.61	8.66	7.96	2.8	2.35	110.0
121	8/20/2010 16:16	17.03	50.88	33.44	8.43	7.94	2.3	2.38	106.7
122	8/20/2010 16:31	16.90	50.69	33.30	8.28	7.92	2.6	2.41	104.5
123	8/20/2010 16:46	16.87	51.20	33.67	8.32	7.93	3.2	2.44	105.2
124	8/20/2010 17:01	16.73	50.88	33.44	8.23	7.92	2.7	2.48	103.7
125	8/20/2010 17:16	16.57	51.12	33.61	8.33	7.93	3.5	2.54	104.7
126	8/20/2010 17:31	16.33	50.92	33.46	8.33	7.93	3.2	2.60	104.1
127	8/20/2010 17:46	16.23	51.10	33.59	8.33	7.92	2.9	2.65	104.0
128	8/20/2010 18:01	16.08	51.30	33.74	8.27	7.91	2.7	2.71	103.0
129	8/20/2010 18:16	15.88	51.01	33.52	8.12	7.90	2.7	2.78	100.6
130	8/20/2010 18:31	15.53	51.26	33.70	8.03	7.89	2.4	2.85	98.9
131	8/20/2010 18:46	15.18	51.20	33.65	8.02	7.89	2.6	2.90	98.1
132	8/20/2010 19:01	14.84	51.28	33.70	7.97	7.88	2.2	2.97	96.9
133	8/20/2010 19:16	14.48	51.04	33.51	7.97	7.88	2.3	3.04	96.1
134	8/20/2010 19:31	14.27	51.30	33.69	7.98	7.88	2.6	3.11	95.8
135	8/20/2010 19:46	13.92	50.83	33.34	7.96	7.88	2.4	3.18	94.8
136	8/20/2010 20:01	13.48	50.77	33.28	7.96	7.87	2.6	3.24	93.9
137	8/20/2010 20:16	13.20	50.96	33.41	8.02	7.87	2.6	3.31	94.1
138	8/20/2010 20:31	12.92	51.34	33.68	7.98	7.86	2.4	3.37	93.3
139	8/20/2010 20:46	12.75	51.49	33.77	7.90	7.86	1.9	3.42	92.0
140	8/20/2010 21:01	12.63	51.21	33.56	7.79	7.85	1.6	3.48	90.5
141	8/20/2010 21:16	12.43	51.53	33.79	7.70	7.84	1.3	3.52	89.2
142	8/20/2010 21:31	12.31	51.44	33.72	7.63	7.84	1.5	3.54	88.1
143	8/20/2010 21:46	12.30	50.90	33.33	7.56	7.84	0.9	3.56	87.0
144	8/20/2010 22:01	12.25	51.19	33.54	7.56	7.83	0.7	3.57	87.0
145	8/20/2010 22:16	12.20	51.25	33.58	7.42	7.82	0.4	3.55	85.4
146	8/20/2010 22:31	12.27	51.33	33.64	7.50	7.83	1.9	3.51	86.5
147	8/20/2010 22:46	12.37	51.27	33.60	7.55	7.83	2.3	3.45	87.1
148	8/20/2010 23:01	13.48	51.45	33.77	7.56	7.85	2.0	3.39	89.4
149	8/20/2010 23:16	13.57	51.33	33.69	7.61	7.85	2.6	3.31	90.2
150	8/20/2010 23:31	14.02	51.05	33.50	7.69	7.87	3.0	3.22	91.8
151	8/20/2010 23:46	14.15	51.32	33.70	7.74	7.87	3.1	3.12	92.8
152	8/21/2010 0:01	14.53	51.15	33.59	7.72	7.87	3.1	3.03	93.2
153	8/21/2010 0:16	14.88	51.15	33.61	7.71	7.87	2.8	2.93	93.7
154	8/21/2010 0:31	15.19	50.87	33.41	7.70	7.88	2.9	2.84	94.1
155	8/21/2010 0:46	15.54	51.14	33.61	7.70	7.89	3.1	2.73	94.8
156	8/21/2010 1:01	15.81	50.88	33.43	7.77	7.90	4.0	2.63	96.2
157	8/21/2010 1:16	16.14	51.19	33.66	7.93	7.93	3.6	2.53	98.9
158	8/21/2010 1:31	16.09	51.24	33.70	7.81	7.91	3.8	2.41	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	DO%
			mS/cm		mg/L		NTU	meters	
159	8/21/2010 1:46	16.01	51.01	33.52	7.72	7.91	4.5	2.30	95.9
160	8/21/2010 2:01	15.90	50.90	33.44	7.62	7.89	4.4	2.18	94.4
161	8/21/2010 2:16	15.87	51.42	33.82	7.54	7.89	4.8	2.07	93.6
162	8/21/2010 2:31	16.06	51.35	33.77	7.50	7.89	4.7	1.95	93.4
163	8/21/2010 2:46	16.03	51.45	33.85	7.39	7.88	5.3	1.83	92.1
164	8/21/2010 3:01	16.16	51.31	33.75	7.35	7.88	4.5	1.72	91.7
165	8/21/2010 3:16	16.40	50.89	33.44	7.37	7.89	4.3	1.61	92.3
166	8/21/2010 3:31	16.56	51.29	33.74	7.40	7.89	4.2	1.53	93.0
167	8/21/2010 3:46	16.99	51.06	33.57	7.48	7.91	4.2	1.44	94.7
168	8/21/2010 4:01	17.10	51.35	33.79	7.49	7.91	4.1	1.38	95.3
169	8/21/2010 4:16	17.29	51.05	33.57	7.57	7.92	3.4	1.35	96.4
170	8/21/2010 4:31	17.35	51.06	33.58	7.57	7.92	3.2	1.33	96.6
171	8/21/2010 4:46	17.24	51.29	33.75	7.47	7.91	3.7	1.32	95.2
172	8/21/2010 5:01	17.36	51.23	33.71	7.69	7.93	3.1	1.36	98.1
173	8/21/2010 5:16	17.31	51.51	33.91	7.65	7.93	3.0	1.40	97.7
174	8/21/2010 5:31	17.33	51.38	33.82	7.72	7.93	3.2	1.44	98.5
175	8/21/2010 5:46	17.28	51.35	33.79	7.69	7.93	3.6	1.52	98.0
176	8/21/2010 6:01	17.21	51.47	33.88	7.67	7.92	4.3	1.60	97.7
177	8/21/2010 6:16	17.27	51.24	33.71	7.57	7.92	5.9	1.64	96.5
178	8/21/2010 6:31	17.29	51.09	33.60	7.53	7.92	6.8	1.73	95.9
179	8/21/2010 6:46	17.19	51.15	33.65	7.63	7.92	6.8	1.80	97.0
180	8/21/2010 7:01	17.07	51.09	33.60	7.62	7.92	6.6	1.87	96.7
181	8/21/2010 7:16	16.98	51.18	33.66	7.61	7.92	6.5	1.95	96.4
182	8/21/2010 7:31	16.92	51.09	33.59	7.59	7.92	6.1	2.03	96.1
183	8/21/2010 7:46	16.76	51.12	33.62	7.59	7.91	6.0	2.12	95.7
184	8/21/2010 8:01	16.60	50.98	33.51	7.55	7.90	6.1	2.19	95.0
185	8/21/2010 8:16	16.42	50.85	33.41	7.55	7.90	5.1	2.28	94.5
186	8/21/2010 8:31	16.29	51.44	33.85	7.52	7.89	4.9	2.37	94.1
187	8/21/2010 8:46	16.21	51.39	33.81	7.50	7.89	4.8	2.45	93.7
188	8/21/2010 9:01	15.95	51.07	33.56	7.53	7.89	4.3	2.53	93.5
189	8/21/2010 9:16	15.75	51.24	33.69	7.54	7.88	3.8	2.61	93.3
190	8/21/2010 9:31	15.58	50.93	33.46	7.50	7.87	4.3	2.69	92.4
191	8/21/2010 9:46	15.48	51.20	33.65	7.47	7.87	4.3	2.75	91.9
192	8/21/2010 10:01	15.17	51.31	33.73	7.43	7.86	4.0	2.82	90.9
193	8/21/2010 10:16	14.75	51.35	33.74	7.47	7.86	3.8	2.89	90.7
194	8/21/2010 10:31	14.55	51.06	33.53	7.46	7.85	3.5	2.94	90.1
195	8/21/2010 10:46	14.29	50.93	33.42	7.46	7.84	3.7	3.00	89.5
196	8/21/2010 11:01	14.06	51.32	33.70	7.45	7.84	3.1	3.04	89.1
197	8/21/2010 11:16	13.92	51.39	33.75	7.43	7.84	2.7	3.08	88.7
198	8/21/2010 11:31	13.67	51.48	33.80	7.46	7.84	2.2	3.12	88.6
199	8/21/2010 11:46	13.79	51.28	33.66	7.43	7.84	1.8	3.12	88.4
200	8/21/2010 12:01	13.78	51.10	33.53	7.32	7.83	1.8	3.12	87.0
201	8/21/2010 12:16	13.74	51.42	33.76	7.30	7.83	1.9	3.10	86.8
202	8/21/2010 12:31	13.89	51.25	33.65	7.30	7.83	2.6	3.06	87.0
203	8/21/2010 12:46	14.62	51.23	33.66	7.43	7.85	2.9	3.00	89.9
204	8/21/2010 13:01	15.05	51.27	33.70	7.56	7.87	2.3	2.95	92.2
205	8/21/2010 13:16	15.17	51.42	33.81	7.62	7.87	2.9	2.88	93.3
206	8/21/2010 13:31	15.39	51.25	33.69	7.88	7.89	3.1	2.81	96.8
207	8/21/2010 13:46	15.54	51.10	33.58	8.03	7.90	2.7	2.74	98.9
208	8/21/2010 14:01	15.51	51.05	33.54	8.03	7.90	2.6	2.69	98.8
209	8/21/2010 14:16	15.53	51.18	33.64	8.32	7.91	2.5	2.63	102.5
210	8/21/2010 14:31	15.66	50.91	33.45	8.37	7.91	2.7	2.56	103.3
211	8/21/2010 14:46	15.67	51.10	33.58	8.20	7.91	2.4	2.51	101.2

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	
212	8/21/2010 15:01	15.74	51.31	33.74	8.39	7.92	2.6	2.47	103.8
213	8/21/2010 15:16	16.00	51.18	33.65	8.07	7.91	2.6	2.42	100.3
214	8/21/2010 15:31	16.10	51.40	33.81	7.94	7.91	2.6	2.36	99.0
215	8/21/2010 15:46	16.09	51.46	33.86	8.33	7.93	2.5	2.34	103.9
216	8/21/2010 16:01	16.13	51.03	33.54	8.30	7.93	2.2	2.32	103.3
217	8/21/2010 16:16	16.21	51.13	33.61	8.13	7.93	2.7	2.29	101.4
218	8/21/2010 16:31	16.25	51.33	33.76	7.91	7.92	1.5	2.28	98.9
219	8/21/2010 16:46	16.18	51.31	33.74	8.34	7.93	2.1	2.30	104.1
220	8/21/2010 17:01	16.27	51.32	33.76	8.09	7.92	1.9	2.31	101.2
221	8/21/2010 17:16	16.22	51.28	33.72	8.05	7.92	2.1	2.33	100.6
222	8/21/2010 17:31	16.25	51.25	33.70	7.82	7.90	2.1	2.37	97.8
223	8/21/2010 17:46	16.18	51.09	33.59	7.77	7.90	2.3	2.42	96.9
224	8/21/2010 18:01	16.09	51.08	33.57	7.74	7.89	2.6	2.48	96.3
225	8/21/2010 18:16	15.99	51.25	33.70	7.67	7.88	2.7	2.53	95.4
226	8/21/2010 18:31	15.87	51.23	33.68	7.73	7.88	2.7	2.60	95.9
227	8/21/2010 18:46	15.70	51.28	33.71	7.76	7.88	2.7	2.66	96.0
228	8/21/2010 19:01	15.54	50.94	33.47	7.71	7.88	2.6	2.73	94.9
229	8/21/2010 19:16	15.25	51.15	33.61	7.63	7.86	2.7	2.79	93.4
230	8/21/2010 19:31	15.01	50.71	33.28	7.57	7.87	2.4	2.86	92.1
231	8/21/2010 19:46	14.74	51.35	33.75	7.55	7.86	2.6	2.93	91.6
232	8/21/2010 20:01	14.49	51.09	33.55	7.53	7.85	2.8	3.00	90.8
233	8/21/2010 20:16	14.24	51.32	33.71	7.50	7.85	2.6	3.06	90.1
234	8/21/2010 20:31	13.93	51.08	33.52	7.51	7.85	2.6	3.14	89.5
235	8/21/2010 20:46	13.54	51.39	33.73	7.51	7.84	2.9	3.22	89.0
236	8/21/2010 21:01	13.28	51.15	33.55	7.61	7.84	2.9	3.28	89.6
237	8/21/2010 21:16	13.07	51.22	33.59	7.75	7.85	2.5	3.35	90.8
238	8/21/2010 21:31	12.81	51.28	33.62	8.07	7.86	2.5	3.42	94.1
239	8/21/2010 21:46	12.63	50.96	33.38	8.23	7.87	2.4	3.47	95.5
240	8/21/2010 22:01	12.51	51.49	33.77	8.33	7.87	2.0	3.52	96.6
241	8/21/2010 22:16	12.40	51.27	33.60	8.49	7.88	6.5	3.56	98.1
242	8/21/2010 22:31	12.36	51.05	33.44	8.52	7.88	1.2	3.59	98.3
243	8/21/2010 22:46	12.58	51.31	33.64	8.33	7.87	1.1	3.59	96.7
244	8/21/2010 23:01	12.45	51.21	33.56	8.27	7.87	1.5	3.58	95.6
245	8/21/2010 23:16	12.36	51.41	33.70	8.44	7.88	2.4	3.56	97.6
246	8/21/2010 23:31	12.48	51.37	33.68	8.31	7.87	2.4	3.50	96.2
247	8/21/2010 23:46	12.81	51.07	33.48	8.11	7.87	2.1	3.44	94.4
248	8/22/2010 0:01	13.42	51.14	33.55	7.62	7.85	2.8	3.36	89.9
249	8/22/2010 0:16	13.71	51.33	33.70	7.39	7.84	3.3	3.26	87.8
250	8/22/2010 0:31	14.11	51.24	33.65	7.38	7.85	4.0	3.18	88.3
251	8/22/2010 0:46	14.25	51.29	33.69	7.43	7.85	4.9	3.07	89.2
252	8/22/2010 1:01	14.40	51.19	33.62	7.39	7.85	4.9	2.98	89.0
253	8/22/2010 1:16	15.01	51.19	33.63	7.30	7.86	5.0	2.86	89.0
254	8/22/2010 1:31	15.25	51.31	33.73	7.38	7.86	4.4	2.76	90.4
255	8/22/2010 1:46	15.59	51.13	33.60	7.68	7.90	4.1	2.66	94.7
256	8/22/2010 2:01	15.68	51.34	33.76	7.87	7.91	4.5	2.53	97.3
257	8/22/2010 2:16	15.68	51.24	33.69	7.68	7.89	5.1	2.43	94.9
258	8/22/2010 2:31	15.63	51.10	33.58	7.48	7.88	4.1	2.30	92.2
259	8/22/2010 2:46	15.49	51.10	33.58	7.31	7.86	16.0	2.18	90.0
260	8/22/2010 3:01	15.27	51.19	33.64	7.18	7.84	6.3	2.07	88.0
261	8/22/2010 3:16	15.42	51.20	33.65	7.09	7.85	5.5	1.92	87.2
262	8/22/2010 3:31	15.38	51.12	33.59	6.97	7.83	5.1	1.81	85.6
263	8/22/2010 3:46	15.56	51.06	33.55	7.00	7.84	4.6	1.70	86.2
264	8/22/2010 4:01	15.75	51.37	33.78	7.02	7.85	4.8	1.58	86.9

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	
265	8/22/2010 4:16	15.92	51.33	33.76	7.05	7.85	4.9	1.48	87.6
266	8/22/2010 4:31	16.08	51.23	33.68	7.04	7.86	4.7	1.41	87.7
267	8/22/2010 4:46	16.23	51.42	33.83	7.07	7.86	4.1	1.36	88.4
268	8/22/2010 5:01	16.29	50.96	33.49	7.08	7.87	3.7	1.31	88.4
269	8/22/2010 5:16	16.31	51.29	33.73	7.08	7.87	3.2	1.32	88.6
270	8/22/2010 5:31	16.29	51.32	33.76	7.08	7.87	3.4	1.32	88.6
271	8/22/2010 5:46	16.48	50.88	33.44	7.24	7.89	2.9	1.35	90.8
272	8/22/2010 6:01	16.39	51.24	33.70	7.19	7.88	3.1	1.40	90.1
273	8/22/2010 6:16	16.53	50.99	33.52	7.28	7.89	3.2	1.46	91.4
274	8/22/2010 6:31	16.54	51.17	33.65	7.34	7.90	3.2	1.56	92.2
275	8/22/2010 6:46	16.47	51.38	33.81	7.28	7.89	3.9	1.61	91.5
276	8/22/2010 7:01	16.35	51.11	33.60	7.22	7.88	5.9	1.69	90.4
277	8/22/2010 7:16	16.34	51.02	33.54	7.18	7.88	6.7	1.78	89.8
278	8/22/2010 7:31	16.28	50.83	33.40	7.23	7.88	6.5	1.84	90.3
279	8/22/2010 7:46	16.18	50.69	33.29	7.21	7.88	5.6	1.92	89.8
280	8/22/2010 8:01	16.13	51.37	33.79	7.18	7.87	5.4	2.01	89.6
281	8/22/2010 8:16	16.10	50.92	33.46	7.19	7.88	5.5	2.11	89.5
282	8/22/2010 8:31	15.99	51.32	33.75	7.17	7.87	4.9	2.17	89.1
283	8/22/2010 8:46	15.84	51.07	33.57	7.18	7.86	4.5	2.27	89.0
284	8/22/2010 9:01	15.75	51.28	33.72	7.19	7.86	4.6	2.38	89.0
285	8/22/2010 9:16	15.65	51.12	33.60	7.20	7.86	4.9	2.46	88.8
286	8/22/2010 9:31	15.51	51.07	33.56	7.19	7.86	4.8	2.54	88.5
287	8/22/2010 9:46	15.41	50.83	33.38	7.20	7.86	4.4	2.62	88.3
288	8/22/2010 10:01	15.27	50.92	33.45	7.20	7.85	4.2	2.71	88.1
289	8/22/2010 10:16	15.17	51.07	33.55	7.20	7.85	4.3	2.78	88.0
290	8/22/2010 10:31	14.95	51.20	33.64	7.20	7.85	4.2	2.85	87.6
291	8/22/2010 10:46	14.68	51.34	33.73	7.27	7.84	4.6	2.92	88.1
292	8/22/2010 11:01	14.48	51.06	33.53	7.33	7.84	3.8	2.98	88.4
293	8/22/2010 11:16	14.23	51.15	33.58	7.42	7.84	4.0	3.03	89.1
294	8/22/2010 11:31	13.89	51.30	33.68	7.63	7.85	3.3	3.08	90.9
295	8/22/2010 11:46	13.72	50.90	33.38	7.79	7.86	2.8	3.13	92.4
296	8/22/2010 12:01	13.63	51.37	33.73	7.85	7.86	2.2	3.16	93.1
297	8/22/2010 12:16	13.56	51.39	33.74	7.86	7.87	1.7	3.18	93.2
298	8/22/2010 12:31	13.89	51.36	33.72	7.76	7.86	1.8	3.18	92.6
299	8/22/2010 12:46	13.61	51.04	33.48	7.77	7.86	1.9	3.16	91.9
300	8/22/2010 13:01	13.69	51.12	33.54	7.75	7.86	3.1	3.13	92.0
301	8/22/2010 13:16	13.96	51.17	33.59	7.69	7.86	3.4	3.08	91.8
302	8/22/2010 13:31	14.38	51.01	33.48	7.70	7.86	3.2	3.01	92.6
303	8/22/2010 13:46	14.88	51.17	33.61	7.88	7.88	3.2	2.94	95.8
304	8/22/2010 14:01	15.27	51.16	33.62	7.94	7.89	3.4	2.87	97.3
305	8/22/2010 14:16	15.47	51.07	33.55	8.04	7.89	3.8	2.79	98.9
306	8/22/2010 14:31	15.70	50.92	33.45	8.09	7.90	3.1	2.72	99.9
307	8/22/2010 14:46	15.97	51.33	33.75	8.09	7.91	3.5	2.65	100.6
308	8/22/2010 15:01	16.30	51.21	33.67	8.29	7.93	4.2	2.57	103.7
309	8/22/2010 15:16	16.55	50.89	33.45	8.40	7.94	3.5	2.51	105.4
310	8/22/2010 15:31	16.69	51.29	33.74	8.44	7.95	3.3	2.45	106.4
311	8/22/2010 15:46	16.82	51.00	33.53	8.65	7.96	3.1	2.37	109.2
312	8/22/2010 16:01	16.93	50.80	33.38	8.80	7.97	2.7	2.33	111.3
313	8/22/2010 16:16	16.98	51.32	33.77	9.00	7.98	2.7	2.27	114.1
314	8/22/2010 16:31	17.12	51.31	33.76	9.03	7.98	2.3	2.22	114.8
315	8/22/2010 16:46	17.18	51.04	33.57	9.18	7.99	2.3	2.20	116.7
316	8/22/2010 17:01	17.41	51.00	33.53	9.68	8.03	2.7	2.18	123.6
317	8/22/2010 17:16	17.42	51.18	33.67	9.52	8.02	2.5	2.18	121.7

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	
318	8/22/2010 17:31	17.20	51.36	33.80	9.17	7.99	2.4	2.19	116.8
319	8/22/2010 17:46	17.24	50.99	33.53	9.06	7.99	2.4	2.21	115.3
320	8/22/2010 18:01	17.24	50.98	33.52	8.99	7.98	3.0	2.24	114.4
321	8/22/2010 18:16	17.27	51.03	33.56	8.95	7.98	2.7	2.28	114.0
322	8/22/2010 18:31	17.23	51.20	33.68	8.91	7.98	3.2	2.34	113.4
323	8/22/2010 18:46	17.09	51.28	33.74	8.80	7.96	3.8	2.41	111.8
324	8/22/2010 19:01	17.33	50.96	33.50	8.92	7.97	4.5	2.47	113.7
325	8/22/2010 19:16	17.30	51.09	33.60	8.86	7.97	5.1	2.53	112.9
326	8/22/2010 19:31	16.89	50.91	33.46	8.71	7.95	3.7	2.61	110.1
327	8/22/2010 19:46	16.67	51.13	33.63	8.60	7.95	3.8	2.67	108.3
328	8/22/2010 20:01	16.43	51.12	33.61	8.50	7.94	3.2	2.74	106.5
329	8/22/2010 20:16	16.05	51.01	33.53	8.25	7.91	3.4	2.81	102.5
330	8/22/2010 20:31	15.43	51.03	33.53	7.95	7.89	3.3	2.89	97.7
331	8/22/2010 20:46	15.21	51.06	33.54	7.93	7.88	2.9	2.96	97.0
332	8/22/2010 21:01	15.10	51.26	33.69	7.88	7.88	3.2	3.04	96.3
333	8/22/2010 21:16	14.71	50.95	33.45	7.97	7.88	3.7	3.11	96.5
334	8/22/2010 21:31	14.32	51.33	33.72	8.16	7.89	3.8	3.18	98.1
335	8/22/2010 21:46	14.01	51.17	33.59	8.36	7.90	4.4	3.26	99.9
336	8/22/2010 22:01	13.71	51.17	33.58	8.71	7.92	3.9	3.32	103.3
337	8/22/2010 22:16	13.48	51.15	33.56	9.12	7.94	3.7	3.39	107.8
338	8/22/2010 22:31	13.25	50.99	33.43	9.44	7.95	3.1	3.46	110.9
339	8/22/2010 22:46	13.20	51.10	33.51	9.48	7.96	3.2	3.50	111.3
340	8/22/2010 23:01	13.06	51.01	33.44	9.68	7.97	2.1	3.54	113.3
341	8/22/2010 23:16	12.97	51.34	33.68	9.82	7.98	1.3	3.57	114.9
342	8/22/2010 23:31	13.33	50.92	33.39	9.38	7.95	2.9	3.58	110.3
343	8/22/2010 23:46	13.11	51.10	33.51	9.46	7.96	1.5	3.58	110.9
344	8/23/2010 0:01	13.00	51.43	33.74	9.78	7.98	1.5	3.54	114.6
345	8/23/2010 0:16	13.08	51.27	33.63	9.65	7.97	1.6	3.48	113.1
346	8/23/2010 0:31	13.88	51.21	33.61	8.79	7.93	2.9	3.42	104.8
347	8/23/2010 0:46	13.99	51.27	33.67	8.46	7.91	3.3	3.34	101.1
348	8/23/2010 1:01	14.45	51.40	33.77	7.96	7.89	4.1	3.24	96.0
349	8/23/2010 1:16	14.78	51.17	33.61	8.14	7.90	4.6	3.13	98.8
350	8/23/2010 1:31	14.85	51.36	33.76	8.22	7.91	4.9	3.03	100.0
351	8/23/2010 1:46	15.24	51.38	33.78	8.06	7.90	4.6	2.93	98.8
352	8/23/2010 2:01	15.72	51.25	33.70	8.03	7.91	4.9	2.83	99.3
353	8/23/2010 2:16	15.97	51.32	33.75	8.07	7.92	4.5	2.71	100.3
354	8/23/2010 2:31	16.41	50.43	33.11	8.29	7.96	4.5	2.60	103.5
355	8/23/2010 2:46	16.22	51.22	33.68	8.14	7.94	4.5	2.49	101.7
356	8/23/2010 3:01	16.09	50.78	33.36	8.05	7.92	5.4	2.37	100.1
357	8/23/2010 3:16	15.73	51.11	33.59	7.80	7.90	4.6	2.24	96.4
358	8/23/2010 3:31	15.53	51.32	33.74	7.67	7.88	4.9	2.12	94.6
359	8/23/2010 3:46	15.81	51.47	33.86	7.64	7.89	5.5	1.99	94.8
360	8/23/2010 4:01	15.94	51.40	33.81	7.63	7.90	5.2	1.87	94.8
361	8/23/2010 4:16	16.03	51.08	33.58	7.62	7.89	4.6	1.75	94.7
362	8/23/2010 4:31	16.22	51.02	33.53	7.65	7.90	4.9	1.63	95.5
363	8/23/2010 4:46	16.52	51.24	33.70	7.71	7.91	4.5	1.54	96.9
364	8/23/2010 5:01	16.61	51.27	33.73	7.74	7.92	4.7	1.46	97.4
365	8/23/2010 5:16	16.69	51.38	33.81	7.76	7.92	4.3	1.38	97.8
366	8/23/2010 5:31	16.92	51.31	33.75	7.82	7.93	3.9	1.34	99.1
367	8/23/2010 5:46	16.99	50.74	33.34	7.87	7.94	3.2	1.34	99.6
368	8/23/2010 6:01	16.75	51.14	33.63	7.77	7.92	3.5	1.33	98.0
369	8/23/2010 6:16	17.12	51.17	33.66	8.08	7.96	3.0	1.36	102.7
370	8/23/2010 6:31	17.10	51.41	33.84	8.06	7.95	2.8	1.41	102.5

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	
371	8/23/2010 6:46	17.13	51.26	33.73	8.14	7.96	3.0	1.47	103.5
372	8/23/2010 7:01	17.14	51.31	33.76	8.20	7.96	3.6	1.54	104.2
373	8/23/2010 7:16	17.10	51.29	33.75	8.15	7.96	3.7	1.61	103.6
374	8/23/2010 7:31	17.25	50.72	33.33	7.92	7.94	5.9	1.69	100.7
375	8/23/2010 7:46	17.25	50.95	33.50	7.84	7.94	7.0	1.77	99.8
376	8/23/2010 8:01	17.11	51.08	33.59	7.89	7.94	6.5	1.85	100.2
377	8/23/2010 8:16	16.97	51.04	33.56	7.90	7.93	6.1	1.93	100.1
378	8/23/2010 8:31	16.89	51.20	33.68	7.87	7.93	5.7	2.02	99.5
379	8/23/2010 8:46	16.73	51.35	33.79	7.83	7.92	5.0	2.10	98.8
380	8/23/2010 9:01	16.58	50.87	33.43	7.80	7.92	5.7	2.20	97.9
381	8/23/2010 9:16	16.31	51.20	33.67	7.74	7.91	4.7	2.30	96.8
382	8/23/2010 9:31	16.22	51.19	33.66	7.72	7.90	4.5	2.38	96.3
383	8/23/2010 9:46	16.12	51.36	33.78	7.71	7.90	4.6	2.48	96.2
384	8/23/2010 10:01	15.99	51.18	33.65	7.70	7.90	4.6	2.56	95.8
385	8/23/2010 10:16	15.83	51.31	33.74	7.69	7.89	4.6	2.64	95.4
386	8/23/2010 10:31	15.65	51.00	33.51	7.73	7.89	4.8	2.73	95.3
387	8/23/2010 10:46	15.45	51.10	33.58	7.74	7.89	5.0	2.80	95.2
388	8/23/2010 11:01	15.17	50.99	33.49	7.85	7.89	5.7	2.88	96.0
389	8/23/2010 11:16	14.85	51.32	33.72	7.97	7.89	5.5	2.94	96.8
390	8/23/2010 11:31	14.63	50.98	33.47	8.09	7.89	5.1	3.01	97.8
391	8/23/2010 11:46	14.16	51.10	33.55	8.49	7.91	4.5	3.07	101.6
392	8/23/2010 12:01	13.91	51.31	33.69	8.71	7.92	3.8	3.12	103.9
393	8/23/2010 12:16	13.74	50.86	33.35	8.94	7.94	3.8	3.18	106.1
394	8/23/2010 12:31	13.62	51.08	33.51	9.14	7.95	3.1	3.20	108.3
395	8/23/2010 12:46	13.57	51.03	33.47	9.19	7.96	2.5	3.23	108.7
396	8/23/2010 13:01	13.88	51.11	33.54	9.08	7.95	2.6	3.24	108.2
397	8/23/2010 13:16	13.60	51.22	33.62	9.23	7.96	2.3	3.20	109.3
398	8/23/2010 13:31	13.68	51.27	33.66	9.07	7.95	2.2	3.19	107.6
399	8/23/2010 13:46	13.80	51.32	33.69	9.04	7.95	2.9	3.13	107.6
400	8/23/2010 14:01	14.33	51.14	33.58	8.92	7.94	4.1	3.05	107.2
401	8/23/2010 14:16	14.96	51.26	33.68	8.88	7.94	3.5	2.98	108.2
402	8/23/2010 14:31	15.50	51.24	33.68	8.93	7.95	3.8	2.89	109.9
403	8/23/2010 14:46	15.94	51.29	33.73	8.92	7.96	3.5	2.81	110.8
404	8/23/2010 15:01	16.15	51.11	33.60	8.91	7.96	4.3	2.72	111.0
405	8/23/2010 15:16	16.47	51.09	33.59	9.01	7.97	3.7	2.64	113.0
406	8/23/2010 15:31	16.81	50.72	33.32	9.01	7.97	4.5	2.57	113.6
407	8/23/2010 15:46	17.12	50.98	33.52	9.20	7.99	4.0	2.48	116.8
408	8/23/2010 16:01	17.26	51.30	33.76	9.28	8.00	3.2	2.40	118.4
409	8/23/2010 16:16	17.41	51.19	33.68	9.49	8.01	3.1	2.33	121.3
410	8/23/2010 16:31	17.53	51.01	33.54	9.60	8.02	3.1	2.27	122.9
411	8/23/2010 16:46	17.53	51.22	33.70	9.76	8.03	2.8	2.20	125.0
412	8/23/2010 17:01	17.67	50.84	33.42	9.62	8.02	2.3	2.14	123.4
413	8/23/2010 17:16	17.87	50.95	33.50	10.16	8.06	2.9	2.11	130.8
414	8/23/2010 17:31	18.01	51.26	33.73	10.09	8.06	2.6	2.07	130.5
415	8/23/2010 17:46	18.18	51.13	33.64	10.25	8.07	2.7	2.05	132.8
416	8/23/2010 18:01	18.15	50.99	33.53	10.47	8.08	2.9	2.05	135.6
417	8/23/2010 18:16	17.96	51.30	33.76	10.02	8.05	2.5	2.05	129.5
418	8/23/2010 18:31	18.06	51.24	33.72	10.17	8.07	3.3	2.09	131.6
419	8/23/2010 18:46	18.03	51.13	33.64	9.96	8.05	3.0	2.12	128.7
420	8/23/2010 19:01	18.10	51.40	33.83	9.81	8.04	3.3	2.18	127.2
421	8/23/2010 19:16	17.92	51.09	33.61	9.55	8.02	4.5	2.25	123.2
422	8/23/2010 19:31	18.29	51.11	33.62	9.53	8.03	6.0	2.32	123.8
423	8/23/2010 19:46	17.91	51.22	33.70	9.32	8.00	5.3	2.39	120.3

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	
424	8/23/2010 20:01	17.59	51.00	33.54	9.30	8.00	4.8	2.47	119.2
425	8/23/2010 20:16	17.40	50.81	33.39	9.24	7.99	4.8	2.55	117.8
426	8/23/2010 20:31	17.10	51.23	33.70	9.09	7.98	5.1	2.62	115.5
427	8/23/2010 20:46	16.47	51.30	33.74	8.68	7.95	4.3	2.69	109.0
428	8/23/2010 21:01	16.19	50.91	33.45	8.57	7.94	3.4	2.77	106.9
429	8/23/2010 21:16	16.00	51.25	33.70	8.56	7.94	3.5	2.84	106.4
430	8/23/2010 21:31	15.78	51.39	33.80	8.55	7.93	3.4	2.91	106.0
431	8/23/2010 21:46	15.34	50.98	33.48	8.62	7.93	4.0	3.00	105.7
432	8/23/2010 22:01	14.92	51.27	33.69	8.61	7.93	3.7	3.07	104.8
433	8/23/2010 22:16	14.59	51.10	33.55	8.69	7.93	4.1	3.14	105.0
434	8/23/2010 22:31	14.18	51.17	33.59	8.92	7.94	4.7	3.22	106.9
435	8/23/2010 22:46	13.70	51.39	33.74	8.99	7.93	4.2	3.29	106.8
436	8/23/2010 23:01	13.43	51.10	33.52	9.04	7.93	3.2	3.36	106.7
437	8/23/2010 23:16	13.26	51.20	33.59	9.08	7.94	2.9	3.41	106.8
438	8/23/2010 23:31	13.07	51.22	33.59	9.10	7.94	2.4	3.47	106.7
439	8/23/2010 23:46	12.94	50.80	33.28	9.09	7.94	2.1	3.51	106.0
440	8/24/2010 0:01	12.84	51.09	33.49	9.11	7.94	2.4	3.52	106.2
441	8/24/2010 0:16	13.17	51.20	33.58	8.97	7.93	2.1	3.54	105.4
442	8/24/2010 0:31	12.76	51.48	33.77	9.10	7.94	2.1	3.52	106.1
443	8/24/2010 0:46	12.83	51.48	33.77	9.07	7.93	2.1	3.48	105.8
444	8/24/2010 1:01	13.19	51.05	33.47	8.93	7.93	1.9	3.42	104.8
445	8/24/2010 1:16	14.72	51.32	33.72	8.20	7.90	2.9	3.35	99.5
446	8/24/2010 1:31	14.75	51.34	33.74	8.23	7.90	3.7	3.26	99.9
447	8/24/2010 1:46	14.93	51.28	33.70	8.29	7.92	4.9	3.15	101.0
448	8/24/2010 2:01	15.01	50.62	33.22	8.48	7.93	4.5	3.06	103.1
449	8/24/2010 2:16	15.19	51.21	33.65	8.40	7.92	4.3	2.96	102.7
450	8/24/2010 2:31	15.55	51.11	33.59	8.24	7.92	4.1	2.86	101.5
451	8/24/2010 2:46	16.15	51.32	33.75	8.13	7.93	4.5	2.74	101.4
452	8/24/2010 3:01	16.52	51.46	33.86	8.18	7.95	4.6	2.64	102.9
453	8/24/2010 3:16	16.61	50.75	33.34	8.33	7.95	4.3	2.53	104.6
454	8/24/2010 3:31	16.63	51.38	33.80	8.30	7.95	5.7	2.42	104.5
455	8/24/2010 3:46	16.64	51.36	33.79	8.25	7.95	5.4	2.29	104.0
456	8/24/2010 4:01	16.24	50.90	33.45	8.03	7.93	4.3	2.19	100.2
457	8/24/2010 4:16	16.06	51.23	33.69	7.99	7.91	4.8	2.06	99.4
458	8/24/2010 4:31	16.15	51.25	33.70	7.92	7.91	5.1	1.94	98.8
459	8/24/2010 4:46	16.50	51.52	33.91	7.97	7.93	5.5	1.82	100.2
460	8/24/2010 5:01	16.68	51.37	33.80	7.93	7.93	5.1	1.71	99.9
461	8/24/2010 5:16	16.86	51.37	33.80	7.97	7.93	4.5	1.61	100.8
462	8/24/2010 5:31	17.11	51.17	33.66	8.02	7.94	4.0	1.51	101.9
463	8/24/2010 5:46	17.23	51.05	33.57	8.02	7.95	3.8	1.44	102.0
464	8/24/2010 6:01	17.57	51.42	33.84	8.15	7.96	3.3	1.39	104.6
465	8/24/2010 6:16	17.63	51.00	33.54	8.15	7.97	3.2	1.37	104.5
466	8/24/2010 6:31	17.51	50.97	33.52	8.10	7.96	3.2	1.38	103.6
467	8/24/2010 6:46	17.73	51.48	33.89	8.23	7.98	3.0	1.39	105.9
468	8/24/2010 7:01	17.78	51.22	33.70	8.34	7.98	2.7	1.43	107.3
469	8/24/2010 7:16	17.78	51.36	33.80	8.35	7.99	3.1	1.51	107.5
470	8/24/2010 7:31	17.78	50.67	33.29	8.40	7.99	3.4	1.57	107.9
471	8/24/2010 7:46	17.75	51.12	33.63	8.33	7.98	3.7	1.65	107.1
472	8/24/2010 8:01	17.87	51.03	33.56	7.99	7.96	5.7	1.72	102.9
473	8/24/2010 8:16	17.90	51.13	33.63	7.86	7.96	6.9	1.84	101.3
474	8/24/2010 8:31	17.58	51.19	33.67	8.04	7.96	5.1	1.91	103.1
475	8/24/2010 8:46	17.45	51.08	33.59	8.05	7.96	4.2	1.97	102.9
476	8/24/2010 9:01	17.37	51.26	33.72	8.04	7.95	4.0	2.08	102.7

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	
477	8/24/2010 9:16	17.21	51.02	33.55	8.03	7.95	3.9	2.17	102.1
478	8/24/2010 9:31	16.93	51.02	33.55	8.02	7.94	4.0	2.26	101.5
479	8/24/2010 9:46	16.80	51.10	33.60	8.06	7.94	4.2	2.35	101.7
480	8/24/2010 10:01	16.65	51.30	33.75	8.05	7.93	3.8	2.44	101.5
481	8/24/2010 10:16	16.48	50.97	33.50	8.09	7.93	4.2	2.53	101.4
482	8/24/2010 10:31	16.29	50.94	33.48	8.10	7.93	4.5	2.62	101.2
483	8/24/2010 10:46	16.08	51.35	33.77	8.10	7.92	4.7	2.71	100.9
484	8/24/2010 11:01	15.87	51.04	33.54	8.10	7.92	5.2	2.78	100.4
485	8/24/2010 11:16	15.58	51.03	33.53	8.17	7.92	5.2	2.87	100.7
486	8/24/2010 11:31	15.26	51.09	33.57	8.26	7.92	5.1	2.94	101.2
487	8/24/2010 11:46	14.95	51.32	33.73	8.34	7.92	5.7	3.01	101.6
488	8/24/2010 12:01	14.47	51.10	33.55	8.50	7.92	4.5	3.09	102.4
489	8/24/2010 12:16	14.11	51.13	33.57	8.66	7.93	3.7	3.15	103.7
490	8/24/2010 12:31	13.90	50.92	33.40	8.80	7.94	3.8	3.20	104.8
491	8/24/2010 12:46	13.76	51.03	33.48	8.99	7.96	2.4	3.25	106.8
492	8/24/2010 13:01	13.68	51.20	33.60	9.08	7.96	2.3	3.29	107.7
493	8/24/2010 13:16	13.65	51.06	33.50	9.07	7.96	1.2	3.30	107.5
494	8/24/2010 13:31	13.95	51.25	33.65	8.94	7.95	2.3	3.30	106.7
495	8/24/2010 13:46	13.73	51.44	33.78	8.96	7.95	1.6	3.27	106.6
496	8/24/2010 14:01	13.81	51.32	33.69	8.95	7.95	2.0	3.24	106.6
497	8/24/2010 14:16	14.17	51.22	33.63	8.93	7.95	3.2	3.17	107.1
498	8/24/2010 14:31	14.80	51.19	33.63	9.08	7.97	3.3	3.08	110.2
499	8/24/2010 14:46	15.71	51.00	33.51	9.15	7.97	3.7	3.01	113.0
500	8/24/2010 15:01	16.03	51.08	33.57	9.24	7.98	3.4	2.92	114.9
501	8/24/2010 15:16	16.43	50.98	33.51	9.40	8.00	3.5	2.82	117.7
502	8/24/2010 15:31	16.80	50.86	33.42	9.41	8.01	3.6	2.74	118.7
503	8/24/2010 15:46	17.05	51.02	33.55	9.40	8.01	4.0	2.64	119.2
504	8/24/2010 16:01	17.34	51.08	33.59	9.70	8.02	3.3	2.57	123.8
505	8/24/2010 16:16	17.57	51.32	33.77	9.75	8.03	3.4	2.48	125.1
506	8/24/2010 16:31	17.81	50.72	33.33	9.92	8.04	3.0	2.40	127.4
507	8/24/2010 16:46	18.00	50.88	33.45	10.39	8.07	3.2	2.32	134.1
508	8/24/2010 17:01	18.19	51.00	33.54	10.27	8.07	2.6	2.25	133.1
509	8/24/2010 17:16	18.22	50.95	33.51	10.28	8.08	2.7	2.19	133.3
510	8/24/2010 17:31	18.38	51.26	33.73	10.43	8.09	2.7	2.11	135.8
511	8/24/2010 17:46	18.65	51.33	33.78	10.03	8.07	2.6	2.06	131.3
512	8/24/2010 18:01	18.58	51.28	33.75	10.98	8.13	2.7	2.03	143.5
513	8/24/2010 18:16	18.84	51.28	33.75	10.45	8.10	2.4	1.99	137.2
514	8/24/2010 18:31	18.99	51.04	33.57	10.50	8.10	2.9	1.98	138.1
515	8/24/2010 18:46	18.76	51.14	33.65	10.86	8.12	2.6	1.99	142.3
516	8/24/2010 19:01	18.74	51.17	33.67	10.48	8.09	2.9	2.01	137.4
517	8/24/2010 19:16	18.73	51.30	33.76	10.33	8.08	3.8	2.04	135.4
518	8/24/2010 19:31	18.92	50.84	33.43	9.97	8.06	3.3	2.10	130.8
519	8/24/2010 19:46	18.86	51.25	33.73	9.93	8.06	3.6	2.16	130.5
520	8/24/2010 20:01	18.95	51.17	33.67	9.70	8.05	6.6	2.24	127.6
521	8/24/2010 20:16	19.11	51.10	33.62	9.59	8.04	6.8	2.30	126.5
522	8/24/2010 20:31	18.77	51.11	33.63	9.55	8.03	5.7	2.39	125.2
523	8/24/2010 20:46	18.37	51.21	33.70	9.55	8.03	5.7	2.47	124.3
524	8/24/2010 21:01	17.96	51.03	33.56	9.42	8.01	4.7	2.54	121.5
525	8/24/2010 21:16	17.67	51.09	33.60	9.23	8.00	4.2	2.62	118.5
526	8/24/2010 21:31	16.89	50.79	33.37	8.84	7.96	3.7	2.70	111.7
527	8/24/2010 21:46	16.63	50.72	33.32	8.77	7.96	3.6	2.78	110.1
528	8/24/2010 22:01	16.44	51.16	33.64	8.75	7.96	3.4	2.85	109.7
529	8/24/2010 22:16	16.21	51.03	33.54	8.74	7.96	3.9	2.92	109.0

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	
530	8/24/2010 22:31	15.76	50.73	33.32	8.69	7.95	3.7	3.00	107.4
531	8/24/2010 22:46	15.38	50.89	33.43	8.67	7.94	4.2	3.08	106.3
532	8/24/2010 23:01	15.05	51.33	33.74	8.66	7.94	5.3	3.16	105.8
533	8/24/2010 23:16	14.45	51.08	33.54	8.65	7.93	5.0	3.23	104.2
534	8/24/2010 23:31	14.09	50.15	32.85	8.56	7.92	3.5	3.30	102.0
535	8/24/2010 23:46	13.73	50.18	32.86	8.52	7.91	4.0	3.38	100.7
536	8/25/2010 0:01	13.51	50.06	32.76	8.43	7.90	3.1	3.43	99.2
537	8/25/2010 0:16	13.26	49.56	32.39	8.37	7.89	2.0	3.47	97.7
538	8/25/2010 0:31	13.06	49.94	32.65	8.32	7.89	2.0	3.51	96.9
539	8/25/2010 0:46	13.02	50.07	32.75	8.23	7.89	1.1	3.53	95.9
540	8/25/2010 1:01	13.16	50.13	32.80	8.19	7.89	1.3	3.52	95.7
541	8/25/2010 1:16	13.01	50.25	32.88	8.22	7.89	1.8	3.49	95.8
542	8/25/2010 1:31	13.17	49.84	32.59	8.20	7.89	1.6	3.45	95.7
543	8/25/2010 1:46	14.02	50.05	32.77	8.19	7.90	2.5	3.38	97.3
544	8/25/2010 2:01	14.46	50.09	32.81	8.19	7.91	3.1	3.29	98.3
545	8/25/2010 2:16	14.87	50.11	32.84	8.12	7.90	4.3	3.20	98.2
546	8/25/2010 2:31	15.31	50.32	33.00	8.14	7.91	4.5	3.10	99.5
547	8/25/2010 2:46	15.59	50.20	32.92	8.19	7.92	4.5	3.00	100.6
548	8/25/2010 3:01	15.92	50.03	32.81	8.17	7.92	5.2	2.90	100.9
549	8/25/2010 3:16	16.33	49.82	32.66	8.19	7.94	5.0	2.79	101.9
550	8/25/2010 3:31	16.86	49.99	32.79	8.13	7.95	5.0	2.69	102.2
551	8/25/2010 3:46	17.03	49.55	32.47	8.20	7.95	4.7	2.58	103.2
552	8/25/2010 4:01	17.06	49.44	32.38	8.22	7.95	4.3	2.47	103.5
553	8/25/2010 4:16	16.99	49.66	32.55	8.03	7.94	6.2	2.35	101.0
554	8/25/2010 4:31	16.85	49.89	32.72	8.04	7.93	4.5	2.25	101.1
555	8/25/2010 4:46	16.74	49.68	32.56	7.97	7.93	6.7	2.13	99.9
556	8/25/2010 5:01	16.78	49.58	32.48	7.95	7.93	6.2	2.01	99.7
557	8/25/2010 5:16	16.91	49.94	32.75	7.94	7.93	5.6	1.91	99.9
558	8/25/2010 5:31	17.14	50.38	33.08	7.89	7.93	5.2	1.80	99.9
559	8/25/2010 5:46	17.50	49.48	32.42	7.94	7.94	4.1	1.71	100.9
560	8/25/2010 6:01	17.56	49.53	32.46	7.90	7.94	4.1	1.62	100.5
561	8/25/2010 6:16	17.81	49.74	32.62	8.01	7.95	3.9	1.55	102.5
562	8/25/2010 6:31	18.10	49.79	32.65	8.04	7.96	3.7	1.51	103.5
563	8/25/2010 6:46	18.38	50.11	32.89	8.17	7.98	3.3	1.48	105.9
564	8/25/2010 7:01	18.57	49.67	32.57	8.27	7.99	3.2	1.47	107.3
565	8/25/2010 7:16	18.43	50.00	32.80	8.21	7.98	3.0	1.51	106.4
566	8/25/2010 7:31	18.52	49.67	32.57	8.28	7.99	2.9	1.54	107.4
567	8/25/2010 7:46	18.49	49.80	32.66	8.25	7.99	3.2	1.59	107.0
568	8/25/2010 8:01	18.53	49.46	32.41	8.30	7.99	3.5	1.67	107.5
569	8/25/2010 8:16	18.45	50.07	32.86	8.25	7.99	3.8	1.76	107.1
570	8/25/2010 8:31	18.65	50.02	32.82	7.89	7.97	5.5	1.84	102.7
571	8/25/2010 8:46	18.50	50.06	32.85	7.89	7.97	5.7	1.92	102.5
572	8/25/2010 9:01	18.23	50.01	32.81	8.02	7.97	4.7	2.02	103.6
573	8/25/2010 9:16	18.11	49.79	32.65	8.05	7.96	4.4	2.10	103.6
574	8/25/2010 9:31	17.94	49.73	32.60	8.03	7.96	4.4	2.19	103.0
575	8/25/2010 9:46	17.71	50.03	32.82	8.02	7.95	4.3	2.28	102.6
576	8/25/2010 10:01	17.32	49.62	32.53	8.11	7.95	3.9	2.38	102.7
577	8/25/2010 10:16	17.18	49.53	32.45	8.13	7.94	4.2	2.47	102.7
578	8/25/2010 10:31	16.99	49.82	32.67	8.14	7.94	4.0	2.54	102.6
579	8/25/2010 10:46	16.84	50.06	32.84	8.17	7.94	4.2	2.64	102.8
580	8/25/2010 11:01	16.56	50.16	32.91	8.14	7.94	5.7	2.73	101.8
581	8/25/2010 11:16	16.31	49.73	32.59	8.14	7.93	5.5	2.80	101.2
582	8/25/2010 11:31	16.07	49.87	32.69	8.11	7.92	6.0	2.88	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	
583	8/25/2010 11:46	15.64	49.62	32.50	8.16	7.92	6.3	2.97	100.0
584	8/25/2010 12:01	15.29	49.64	32.50	8.18	7.92	6.0	3.05	99.5
585	8/25/2010 12:16	14.89	49.92	32.70	8.14	7.90	5.3	3.12	98.5
586	8/25/2010 12:31	14.34	49.80	32.60	8.13	7.90	5.0	3.19	97.2
587	8/25/2010 12:46	13.98	49.87	32.64	8.15	7.90	4.0	3.26	96.8
588	8/25/2010 13:01	13.84	49.92	32.67	8.19	7.90	3.2	3.31	97.0
589	8/25/2010 13:16	13.69	49.94	32.68	8.29	7.91	2.1	3.35	97.9
590	8/25/2010 13:31	13.64	49.88	32.64	8.29	7.91	1.3	3.38	97.7
591	8/25/2010 13:46	13.86	50.02	32.74	8.31	7.91	1.8	3.39	98.4
592	8/25/2010 14:01	13.71	49.65	32.47	8.17	7.91	2.0	3.37	96.3
593	8/25/2010 14:16	13.73	49.95	32.69	8.20	7.91	2.3	3.33	96.8
594	8/25/2010 14:31	13.91	49.94	32.69	8.17	7.91	3.8	3.27	96.9
595	8/25/2010 14:46	14.42	49.62	32.47	8.33	7.92	3.8	3.20	99.7
596	8/25/2010 15:01	15.44	49.60	32.48	8.56	7.94	3.9	3.12	104.5
597	8/25/2010 15:16	16.07	50.00	32.78	8.86	7.97	4.6	3.03	109.7
598	8/25/2010 15:31	16.32	49.47	32.40	8.89	7.97	4.3	2.94	110.4
599	8/25/2010 15:46	16.74	49.81	32.66	9.09	7.99	4.8	2.84	114.0
600	8/25/2010 16:01	16.90	49.85	32.68	9.55	8.02	3.6	2.75	120.1
601	8/25/2010 16:16	17.30	49.73	32.61	9.54	8.02	4.1	2.66	120.9
602	8/25/2010 16:31	17.61	49.85	32.69	9.78	8.04	4.4	2.58	124.7
603	8/25/2010 16:46	17.77	49.72	32.60	10.01	8.06	3.2	2.49	127.9
604	8/25/2010 17:01	18.04	49.30	32.29	10.18	8.07	12.9	2.40	130.6
605	8/25/2010 17:16	18.12	49.45	32.41	10.22	8.08	10.4	2.33	131.3
606	8/25/2010 17:31	18.24	49.71	32.59	10.20	8.08	9.0	2.24	131.6
607	8/25/2010 17:46	18.60	49.75	32.63	10.28	8.09	8.9	2.15	133.5
608	8/25/2010 18:01	18.62	49.66	32.56	10.19	8.09	12.1	2.09	132.3
609	8/25/2010 18:16	19.02	49.54	32.47	10.11	8.10	15.4	2.01	132.3
610	8/25/2010 18:31	19.14	49.78	32.65	10.21	8.11	3.4	1.97	134.0
611	8/25/2010 18:46	19.35	49.96	32.78	9.84	8.09	3.5	1.92	129.7
612	8/25/2010 19:01	19.55	49.93	32.76	9.95	8.10	3.1	1.91	131.7
613	8/25/2010 19:16	19.63	50.01	32.81	9.89	8.10	3.0	1.90	131.1
614	8/25/2010 19:31	19.51	50.11	32.89	9.89	8.10	2.9	1.91	130.8
615	8/25/2010 19:46	19.48	50.16	32.92	9.88	8.09	3.1	1.94	130.6
616	8/25/2010 20:01	19.37	49.73	32.61	9.76	8.08	4.3	1.99	128.6
617	8/25/2010 20:16	19.37	49.95	32.77	9.59	8.07	4.2	2.06	126.5
618	8/25/2010 20:31	19.27	49.51	32.45	9.46	8.06	5.7	2.13	124.4
619	8/25/2010 20:46	19.66	49.48	32.43	9.23	8.05	6.8	2.21	122.2
620	8/25/2010 21:01	19.42	49.65	32.56	9.26	8.04	6.3	2.29	122.1
621	8/25/2010 21:16	18.97	49.45	32.41	9.32	8.04	5.3	2.37	121.7
622	8/25/2010 21:31	18.73	49.52	32.46	9.31	8.03	5.4	2.45	121.1
623	8/25/2010 21:46	18.39	49.84	32.69	9.18	8.02	5.3	2.53	118.7
624	8/25/2010 22:01	17.66	49.58	32.50	8.72	7.98	5.3	2.60	111.1
625	8/25/2010 22:16	17.40	49.63	32.53	8.58	7.97	4.3	2.67	108.8
626	8/25/2010 22:31	17.13	49.98	32.78	8.55	7.97	3.6	2.75	108.1
627	8/25/2010 22:46	16.97	49.39	32.35	8.53	7.96	3.9	2.83	107.2
628	8/25/2010 23:01	16.75	49.52	32.44	8.51	7.96	40.6	2.90	106.5
629	8/25/2010 23:16	16.30	49.50	32.42	8.42	7.95	4.2	2.98	104.5
630	8/25/2010 23:31	15.97	49.54	32.44	8.35	7.94	10.8	3.06	103.0
631	8/25/2010 23:46	15.54	49.81	32.63	8.34	7.93	5.2	3.13	102.1
632	8/26/2010 0:01	14.92	49.77	32.59	8.28	7.92	4.8	3.21	100.1
633	8/26/2010 0:16	14.60	49.47	32.37	8.21	7.91	4.2	3.27	98.5
634	8/26/2010 0:31	14.30	49.78	32.58	8.13	7.90	3.7	3.33	97.0
635	8/26/2010 0:46	13.98	49.98	32.72	8.03	7.89	2.6	3.39	95.3

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	
636	8/26/2010 1:01	13.61	49.59	32.42	7.93	7.89	1.8	3.43	93.3
637	8/26/2010 1:16	13.57	49.94	32.68	7.85	7.88	1.8	3.46	92.5
638	8/26/2010 1:31	14.10	49.86	32.64	7.93	7.89	2.0	3.46	94.3
639	8/26/2010 1:46	13.57	49.71	32.51	7.73	7.87	1.9	3.45	90.9
640	8/26/2010 2:01	13.63	49.79	32.57	7.79	7.88	2.6	3.41	91.8
641	8/26/2010 2:16	13.92	49.84	32.61	7.82	7.88	3.1	3.35	92.7
642	8/26/2010 2:31	15.04	49.40	32.33	7.87	7.90	3.2	3.27	95.2
643	8/26/2010 2:46	15.66	49.74	32.58	7.83	7.90	4.4	3.18	96.1
644	8/26/2010 3:01	15.70	49.42	32.35	7.84	7.90	4.8	3.10	96.1
645	8/26/2010 3:16	16.09	49.52	32.43	7.84	7.92	5.1	2.99	96.9
646	8/26/2010 3:31	16.47	49.78	32.63	7.77	7.92	5.4	2.89	96.9
647	8/26/2010 3:46	16.77	49.72	32.59	7.76	7.93	6.5	2.80	97.3
648	8/26/2010 4:01	17.23	49.68	32.56	7.62	7.93	5.6	2.70	96.4
649	8/26/2010 4:16	17.43	49.66	32.56	7.61	7.94	5.2	2.60	96.6
650	8/26/2010 4:31	17.52	49.80	32.65	7.66	7.94	5.1	2.50	97.5
651	8/26/2010 4:46	17.62	49.52	32.45	7.52	7.93	6.2	2.39	95.8
652	8/26/2010 5:01	17.62	49.91	32.74	7.43	7.93	5.5	2.29	94.8
653	8/26/2010 5:16	17.18	49.87	32.71	7.39	7.90	6.9	2.18	93.5
654	8/26/2010 5:31	17.25	49.96	32.77	7.40	7.91	6.0	2.07	93.8
655	8/26/2010 5:46	17.36	49.72	32.60	7.40	7.92	5.6	1.97	93.9
656	8/26/2010 6:01	17.74	49.74	32.61	7.55	7.94	5.6	1.86	96.4
657	8/26/2010 6:16	17.88	49.97	32.78	7.50	7.94	5.2	1.78	96.2
658	8/26/2010 6:31	18.09	50.05	32.85	7.55	7.95	4.9	1.70	97.2
659	8/26/2010 6:46	18.40	49.74	32.62	7.62	7.96	3.5	1.64	98.6
660	8/26/2010 7:01	18.54	50.20	32.95	7.57	7.96	4.1	1.60	98.4
661	8/26/2010 7:16	18.69	49.75	32.63	7.68	7.97	3.4	1.57	99.9
662	8/26/2010 7:31	18.79	49.90	32.73	7.65	7.97	3.1	1.59	99.7
663	8/26/2010 7:46	18.73	49.92	32.75	7.72	7.98	3.2	1.61	100.6
664	8/26/2010 8:01	18.76	50.23	32.98	7.68	7.97	2.9	1.64	100.3
665	8/26/2010 8:16	18.79	49.99	32.80	7.64	7.97	3.8	1.70	99.7
666	8/26/2010 8:31	18.75	49.77	32.64	7.66	7.97	4.1	1.79	99.8
667	8/26/2010 8:46	18.70	49.70	32.59	7.58	7.96	5.0	1.86	98.6
668	8/26/2010 9:01	18.86	49.73	32.61	7.30	7.95	6.7	1.94	95.3
669	8/26/2010 9:16	18.79	49.81	32.67	7.27	7.95	7.1	2.02	94.8
670	8/26/2010 9:31	18.52	49.95	32.77	7.45	7.95	6.0	2.12	96.7
671	8/26/2010 9:46	18.40	49.64	32.54	7.48	7.95	5.9	2.20	96.8
672	8/26/2010 10:01	18.29	49.91	32.74	7.50	7.95	5.3	2.28	97.0
673	8/26/2010 10:16	17.93	49.87	32.71	7.58	7.94	5.0	2.37	97.3
674	8/26/2010 10:31	17.68	49.44	32.39	7.72	7.94	4.7	2.47	98.3
675	8/26/2010 10:46	17.56	49.87	32.71	7.74	7.94	4.5	2.55	98.6
676	8/26/2010 11:01	17.29	50.02	32.81	7.77	7.94	4.6	2.62	98.5
677	8/26/2010 11:16	17.09	49.94	32.75	7.78	7.93	4.5	2.72	98.3
678	8/26/2010 11:31	16.82	49.80	32.65	7.79	7.93	4.8	2.80	97.9
679	8/26/2010 11:46	16.59	49.73	32.59	7.77	7.92	5.7	2.88	97.1
680	8/26/2010 12:01	16.35	49.61	32.50	7.74	7.92	5.6	2.96	96.2
681	8/26/2010 12:16	15.83	49.67	32.54	7.75	7.91	6.8	3.05	95.4
682	8/26/2010 12:31	15.42	49.63	32.50	7.75	7.90	5.3	3.13	94.6
683	8/26/2010 12:46	14.93	49.44	32.35	7.71	7.89	4.2	3.20	93.1
684	8/26/2010 13:01	14.25	49.71	32.53	7.64	7.87	4.4	3.28	91.1
685	8/26/2010 13:16	13.98	49.88	32.64	7.59	7.87	3.2	3.34	90.1
686	8/26/2010 13:31	13.84	50.01	32.74	7.59	7.87	2.8	3.39	89.8
687	8/26/2010 13:46	13.68	49.61	32.44	7.63	7.88	1.9	3.42	89.9
688	8/26/2010 14:01	13.63	49.48	32.34	7.56	7.87	1.6	3.44	89.0

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		
689	8/26/2010 14:16	13.79	49.86	32.63	7.46	7.87	1.3	3.45	88.2
690	8/26/2010 14:31	13.75	49.91	32.66	7.44	7.87	1.6	3.42	87.9
691	8/26/2010 14:46	13.86	49.90	32.66	7.43	7.87	2.1	3.36	88.0
692	8/26/2010 15:01	14.10	49.56	32.41	7.57	7.88	2.5	3.30	89.9
693	8/26/2010 15:16	15.40	49.76	32.60	8.18	7.94	3.2	3.21	99.8
694	8/26/2010 15:31	16.02	49.88	32.70	8.25	7.95	4.0	3.13	102.0
695	8/26/2010 15:46	16.21	49.89	32.70	8.44	7.96	4.0	3.03	104.8
696	8/26/2010 16:01	16.45	49.74	32.60	8.49	7.97	4.5	2.94	105.8
697	8/26/2010 16:16	16.56	49.85	32.68	8.82	7.99	3.4	2.84	110.3
698	8/26/2010 16:31	17.02	49.41	32.37	8.96	8.00	4.3	2.75	112.8
699	8/26/2010 16:46	17.45	49.81	32.66	9.14	8.02	4.6	2.66	116.2
700	8/26/2010 17:01	17.44	49.64	32.54	9.34	8.03	4.3	2.57	118.6
701	8/26/2010 17:16	17.65	49.31	32.30	9.65	8.06	4.0	2.47	122.8
702	8/26/2010 17:31	17.85	49.80	32.66	9.68	8.06	4.0	2.39	124.0
703	8/26/2010 17:46	17.98	49.54	32.47	9.69	8.07	4.0	2.29	124.3
704	8/26/2010 18:01	18.09	49.63	32.54	9.72	8.07	3.8	2.21	125.0
705	8/26/2010 18:16	18.08	49.76	32.63	9.82	8.08	3.5	2.11	126.3
706	8/26/2010 18:31	18.17	49.28	32.28	9.90	8.09	3.5	2.03	127.3
707	8/26/2010 18:46	18.27	49.60	32.52	9.78	8.10	3.4	1.97	126.2
708	8/26/2010 19:01	18.44	49.56	32.49	9.61	8.09	3.7	1.89	124.4
709	8/26/2010 19:16	18.63	49.46	32.41	9.47	8.10	4.3	1.86	122.9
710	8/26/2010 19:31	18.87	49.73	32.61	9.12	8.08	3.6	1.83	119.1
711	8/26/2010 19:46	19.08	49.59	32.51	8.84	8.06	3.8	1.83	115.8
712	8/26/2010 20:01	18.95	49.32	32.31	8.88	8.06	4.2	1.84	115.9
713	8/26/2010 20:16	19.17	49.80	32.66	8.80	8.05	3.6	1.87	115.6
714	8/26/2010 20:31	19.05	49.79	32.66	8.75	8.04	4.0	1.92	114.7
715	8/26/2010 20:46	19.17	49.70	32.59	8.77	8.04	3.9	1.98	115.1
716	8/26/2010 21:01	19.07	50.09	32.87	8.68	8.03	4.8	2.05	113.8
717	8/26/2010 21:16	19.20	50.22	32.97	8.50	8.02	6.7	2.13	111.9
718	8/26/2010 21:31	19.29	50.11	32.89	8.44	8.02	7.3	2.21	111.2
719	8/26/2010 21:46	19.02	50.17	32.94	8.53	8.02	6.6	2.28	111.9
720	8/26/2010 22:01	18.83	50.40	33.10	8.54	8.02	6.4	2.36	111.8
721	8/26/2010 22:16	18.69	49.69	32.58	8.59	8.02	6.1	2.44	111.7
722	8/26/2010 22:31	18.44	49.73	32.61	8.54	8.01	6.0	2.51	110.6
723	8/26/2010 22:46	17.88	49.85	32.70	8.20	7.98	5.1	2.58	105.1
724	8/26/2010 23:01	17.67	50.18	32.93	8.12	7.97	7.2	2.66	103.9
725	8/26/2010 23:16	17.43	49.93	32.75	8.07	7.96	4.9	2.73	102.6
726	8/26/2010 23:31	17.18	50.33	33.04	7.99	7.95	4.3	2.79	101.3
727	8/26/2010 23:46	16.97	49.92	32.74	8.00	7.95	4.0	2.87	100.8
728	8/27/2010 0:01	16.53	49.40	32.35	7.95	7.94	4.5	2.94	99.1
729	8/27/2010 0:16	16.20	49.86	32.68	7.88	7.93	4.6	3.01	97.7
730	8/27/2010 0:31	15.77	49.68	32.54	7.86	7.92	5.1	3.08	96.7
731	8/27/2010 0:46	15.33	49.31	32.27	7.79	7.91	3.9	3.15	94.8
732	8/27/2010 1:01	15.10	49.62	32.49	7.70	7.90	3.4	3.21	93.3
733	8/27/2010 1:16	14.78	49.20	32.17	7.63	7.89	2.8	3.26	91.7
734	8/27/2010 1:31	14.51	49.54	32.41	7.54	7.89	9.8	3.31	90.4
735	8/27/2010 1:46	14.08	49.98	32.72	7.42	7.87	3.4	3.34	88.3
736	8/27/2010 2:01	13.94	49.88	32.64	7.29	7.86	1.2	3.36	86.5
737	8/27/2010 2:16	14.26	50.04	32.77	7.26	7.87	2.8	3.35	86.7
738	8/27/2010 2:31	14.07	49.62	32.46	7.21	7.86	1.5	3.32	85.6
739	8/27/2010 2:46	14.49	49.58	32.45	7.22	7.87	2.3	3.28	86.4
740	8/27/2010 3:01	15.20	49.54	32.43	7.36	7.89	3.4	3.23	89.4
741	8/27/2010 3:16	15.82	49.52	32.43	7.42	7.90	3.3	3.15	91.2

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	
742	8/27/2010 3:31	15.56	49.98	32.76	7.46	7.90	4.3	3.07	91.5
743	8/27/2010 3:46	15.88	49.66	32.53	7.36	7.90	4.3	2.98	90.7
744	8/27/2010 4:01	16.28	49.83	32.66	7.25	7.90	5.3	2.88	90.1
745	8/27/2010 4:16	16.64	49.98	32.78	7.16	7.91	4.7	2.79	89.6
746	8/27/2010 4:31	16.90	49.57	32.48	7.05	7.91	4.3	2.71	88.6
747	8/27/2010 4:46	17.04	49.83	32.67	6.87	7.90	5.1	2.60	86.7
748	8/27/2010 5:01	17.04	50.08	32.86	6.87	7.90	5.6	2.51	86.7
749	8/27/2010 5:16	17.33	49.89	32.72	7.00	7.92	4.6	2.42	88.8
750	8/27/2010 5:31	17.29	49.72	32.60	6.97	7.92	4.8	2.32	88.3
751	8/27/2010 5:46	16.98	49.54	32.46	6.92	7.90	6.0	2.22	87.1
752	8/27/2010 6:01	16.87	49.73	32.60	6.86	7.90	5.1	2.13	86.2
753	8/27/2010 6:16	17.16	49.11	32.15	6.98	7.92	4.5	2.04	88.0
754	8/27/2010 6:31	17.26	49.58	32.50	7.05	7.92	4.6	1.95	89.2
755	8/27/2010 6:46	17.51	49.68	32.57	7.08	7.93	4.3	1.86	90.0
756	8/27/2010 7:01	17.70	49.74	32.61	7.12	7.94	3.8	1.81	90.9
757	8/27/2010 7:16	17.84	49.93	32.75	7.12	7.94	3.7	1.76	91.2
758	8/27/2010 7:31	18.01	49.91	32.74	7.10	7.95	3.5	1.70	91.3
759	8/27/2010 7:46	18.14	49.83	32.68	7.20	7.96	11.4	1.70	92.8
760	8/27/2010 8:01	18.08	49.87	32.71	7.03	7.95	6.8	1.70	90.5
761	8/27/2010 8:16	18.14	49.77	32.63	6.98	7.95	2.6	1.71	89.9
762	8/27/2010 8:31	18.11	49.83	32.68	7.04	7.95	2.4	1.75	90.6
763	8/27/2010 8:46	18.07	49.96	32.78	7.10	7.95	2.4	1.82	91.4
764	8/27/2010 9:01	18.02	50.04	32.84	7.10	7.95	2.7	1.88	91.3
765	8/27/2010 9:16	18.00	50.08	32.86	7.09	7.95	3.1	1.96	91.1
766	8/27/2010 9:31	18.08	49.56	32.48	7.01	7.94	5.3	2.05	90.0
767	8/27/2010 9:46	18.07	49.28	32.28	6.85	7.93	5.1	2.13	87.9
768	8/27/2010 10:01	17.96	49.76	32.63	6.98	7.94	4.3	2.21	89.6
769	8/27/2010 10:16	17.84	49.66	32.56	7.08	7.93	3.8	2.29	90.6
770	8/27/2010 10:31	17.77	49.85	32.70	7.08	7.93	3.9	2.37	90.5
771	8/27/2010 10:46	17.56	49.57	32.49	7.12	7.93	3.9	2.46	90.6
772	8/27/2010 11:01	17.34	50.04	32.83	7.26	7.93	4.2	2.54	92.2
773	8/27/2010 11:16	17.20	50.01	32.81	7.32	7.93	4.9	2.62	92.7
774	8/27/2010 11:31	16.99	49.75	32.61	7.37	7.92	4.6	2.70	92.8
775	8/27/2010 11:46	16.77	49.70	32.57	7.34	7.92	22.7	2.78	92.0
776	8/27/2010 12:01	16.48	49.73	32.59	7.33	7.91	4.0	2.86	91.5
777	8/27/2010 12:16	16.23	50.13	32.88	7.32	7.91	4.7	2.94	91.1
778	8/27/2010 12:31	15.82	49.61	32.49	7.32	7.90	4.8	3.03	90.0
779	8/27/2010 12:46	15.27	49.55	32.44	7.34	7.89	5.1	3.11	89.3
780	8/27/2010 13:01	14.86	49.78	32.60	7.31	7.88	3.4	3.18	88.3
781	8/27/2010 13:16	14.44	49.84	32.63	7.26	7.86	3.9	3.25	87.0
782	8/27/2010 13:31	14.03	49.68	32.50	7.23	7.86	3.4	3.32	85.8
783	8/27/2010 13:46	13.65	49.63	32.45	7.20	7.85	2.3	3.38	84.8
784	8/27/2010 14:01	13.55	49.88	32.63	7.13	7.83	1.2	3.41	83.9
785	8/27/2010 14:16	13.46	49.76	32.54	6.99	7.82	1.0	3.45	82.1
786	8/27/2010 14:31	13.39	49.79	32.56	6.56	7.80	1.6	3.46	76.9
787	8/27/2010 14:46	13.61	49.84	32.61	6.97	7.83	1.2	3.45	82.0
788	8/27/2010 15:01	13.45	49.73	32.52	7.00	7.84	1.7	3.42	82.1
789	8/27/2010 15:16	13.63	49.95	32.68	6.87	7.83	2.5	3.36	81.0
790	8/27/2010 15:31	14.35	49.37	32.29	7.33	7.87	7.6	3.30	87.4
791	8/27/2010 15:46	15.37	49.71	32.56	7.62	7.91	4.5	3.21	93.0
792	8/27/2010 16:01	15.92	49.68	32.55	7.88	7.93	4.9	3.13	97.2
793	8/27/2010 16:16	16.25	49.54	32.45	8.07	7.94	6.3	3.03	100.1
794	8/27/2010 16:31	16.71	49.82	32.66	8.21	7.97	5.8	2.93	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	DO%
			mS/cm		mg/L		NTU	meters	
795	8/27/2010 16:46	17.03	49.55	32.47	8.26	7.98	5.4	2.85	104.0
796	8/27/2010 17:01	17.39	49.87	32.71	8.36	7.99	6.8	2.75	106.2
797	8/27/2010 17:16	17.68	49.73	32.60	8.74	8.02	6.7	2.66	111.6
798	8/27/2010 17:31	17.92	49.51	32.44	8.88	8.04	6.2	2.57	113.8
799	8/27/2010 17:46	17.74	49.67	32.57	9.31	8.06	3.8	2.47	118.9
800	8/27/2010 18:01	17.77	49.85	32.70	9.33	8.07	4.7	2.37	119.4
801	8/27/2010 18:16	17.76	49.47	32.42	9.18	8.05	4.4	2.29	117.2
802	8/27/2010 18:31	17.68	49.82	32.67	9.20	8.06	3.8	2.20	117.4
803	8/27/2010 18:46	17.54	49.82	32.67	9.17	8.06	4.2	2.09	116.7
804	8/27/2010 19:01	17.70	50.06	32.85	9.06	8.06	4.3	2.01	115.8
805	8/27/2010 19:16	17.91	49.92	32.75	8.87	8.05	3.7	1.93	113.8
806	8/27/2010 19:31	18.08	49.82	32.67	8.71	8.05	3.5	1.87	112.1
807	8/27/2010 19:46	18.36	49.70	32.59	8.54	8.04	3.6	1.81	110.4
808	8/27/2010 20:01	18.72	49.85	32.70	8.34	8.04	3.4	1.77	108.7
809	8/27/2010 20:16	19.01	49.66	32.56	8.21	8.04	3.4	1.75	107.4
810	8/27/2010 20:31	19.08	49.86	32.71	8.03	8.03	3.4	1.75	105.3
811	8/27/2010 20:46	19.09	49.78	32.65	8.42	8.05	4.1	1.77	110.4
812	8/27/2010 21:01	19.16	50.29	33.02	8.47	8.05	3.9	1.80	111.4
813	8/27/2010 21:16	19.09	50.24	32.99	8.45	8.05	4.3	1.86	111.0
814	8/27/2010 21:31	19.03	50.19	32.95	8.41	8.04	4.5	1.92	110.3
815	8/27/2010 21:46	19.01	49.87	32.71	8.34	8.03	6.1	2.00	109.2
816	8/27/2010 22:01	19.30	49.78	32.65	8.01	8.01	6.2	2.08	105.5
817	8/27/2010 22:16	19.11	50.56	33.22	8.07	8.02	5.2	2.15	106.2
818	8/27/2010 22:31	18.90	49.66	32.56	8.13	8.01	4.7	2.23	106.1
819	8/27/2010 22:46	18.74	50.02	32.82	8.16	8.01	6.3	2.30	106.4
820	8/27/2010 23:01	18.62	49.76	32.63	8.17	8.01	4.4	2.37	106.2
821	8/27/2010 23:16	18.16	49.82	32.68	8.05	7.99	5.4	2.45	103.7
822	8/27/2010 23:31	17.90	49.99	32.80	7.85	7.98	5.4	2.52	100.7
823	8/27/2010 23:46	17.68	50.08	32.86	7.75	7.97	5.2	2.58	99.1
824	8/28/2010 0:01	17.38	49.95	32.76	7.74	7.96	5.2	2.66	98.3
825	8/28/2010 0:16	17.20	49.74	32.61	7.72	7.95	5.5	2.73	97.7
826	8/28/2010 0:31	16.90	50.11	32.88	7.69	7.95	6.7	2.80	96.8
827	8/28/2010 0:46	16.60	50.10	32.87	7.62	7.94	2.7	2.86	95.4
828	8/28/2010 1:01	16.38	49.72	32.58	7.59	7.93	3.1	2.93	94.5
829	8/28/2010 1:16	16.01	49.81	32.64	7.59	7.92	3.6	3.00	93.9
830	8/28/2010 1:31	15.52	49.58	32.47	7.53	7.91	2.8	3.05	92.0
831	8/28/2010 1:46	15.27	49.71	32.56	7.44	7.90	2.0	3.11	90.6
832	8/28/2010 2:01	15.07	49.57	32.45	7.37	7.89	2.7	3.16	89.3
833	8/28/2010 2:16	14.94	49.51	32.40	7.25	7.89	1.3	3.20	87.6
834	8/28/2010 2:31	14.69	49.40	32.31	7.23	7.88	1.2	3.22	86.9
835	8/28/2010 2:46	15.08	49.67	32.52	7.24	7.88	2.0	3.23	87.8
836	8/28/2010 3:01	14.93	49.59	32.46	7.02	7.87	1.5	3.22	84.8
837	8/28/2010 3:16	14.68	50.27	32.95	6.73	7.85	1.8	3.20	81.2
838	8/28/2010 3:31	14.92	49.87	32.67	7.15	7.88	3.8	3.14	86.4
839	8/28/2010 3:46	15.49	49.59	32.47	7.18	7.90	12.0	3.09	87.8
840	8/28/2010 4:01	15.88	49.81	32.64	7.20	7.90	5.2	3.01	88.8
841	8/28/2010 4:16	16.08	49.43	32.37	7.22	7.91	5.2	2.93	89.2
842	8/28/2010 4:31	16.47	49.73	32.59	7.13	7.91	4.5	2.85	88.9
843	8/28/2010 4:46	16.57	49.63	32.52	6.98	7.90	4.0	2.76	87.2
844	8/28/2010 5:01	16.58	49.90	32.72	6.87	7.89	3.8	2.67	85.9
845	8/28/2010 5:16	16.62	49.99	32.79	6.74	7.88	4.0	2.59	84.4
846	8/28/2010 5:31	16.96	50.12	32.89	6.60	7.89	4.5	2.51	83.2
847	8/28/2010 5:46	17.09	49.70	32.58	6.50	7.88	4.5	2.42	82.0

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	
848	8/28/2010 6:01	16.81	49.97	32.77	6.59	7.88	5.8	2.33	82.8
849	8/28/2010 6:16	17.04	49.80	32.65	6.53	7.88	4.0	2.26	82.3
850	8/28/2010 6:31	17.26	50.00	32.80	6.62	7.90	4.9	2.17	83.9
851	8/28/2010 6:46	17.16	49.80	32.65	6.57	7.89	4.3	2.10	83.1
852	8/28/2010 7:01	17.23	49.55	32.47	6.58	7.89	4.2	2.03	83.2
853	8/28/2010 7:16	17.36	49.94	32.76	6.64	7.90	3.3	1.94	84.3
854	8/28/2010 7:31	17.64	49.67	32.56	6.62	7.91	3.5	1.91	84.4
855	8/28/2010 7:46	17.80	49.67	32.56	6.74	7.93	2.6	1.86	86.2
856	8/28/2010 8:01	17.96	50.05	32.84	6.72	7.93	4.2	1.82	86.4
857	8/28/2010 8:16	18.04	50.19	32.95	6.60	7.93	3.2	1.82	84.9
858	8/28/2010 8:31	18.02	49.72	32.60	6.81	7.94	6.7	1.82	87.5
859	8/28/2010 8:46	18.11	49.96	32.78	6.82	7.94	8.4	1.84	87.8
860	8/28/2010 9:01	18.00	49.85	32.69	6.81	7.94	3.8	1.87	87.4
861	8/28/2010 9:16	18.04	49.71	32.59	6.86	7.94	3.2	1.93	88.2
862	8/28/2010 9:31	18.03	50.35	33.06	6.86	7.94	3.7	2.00	88.3
863	8/28/2010 9:46	18.00	49.99	32.80	6.85	7.94	4.4	2.07	88.1
864	8/28/2010 10:01	17.98	49.88	32.72	6.79	7.93	4.8	2.14	87.3
865	8/28/2010 10:16	17.94	49.76	32.63	6.87	7.94	4.9	2.22	88.1
866	8/28/2010 10:31	17.68	50.13	32.90	6.93	7.93	4.7	2.31	88.6
867	8/28/2010 10:46	17.61	49.90	32.73	6.93	7.93	4.7	2.38	88.4
868	8/28/2010 11:01	17.57	49.91	32.74	6.93	7.93	4.3	2.45	88.4
869	8/28/2010 11:16	17.38	49.93	32.75	6.97	7.92	4.8	2.54	88.5
870	8/28/2010 11:31	17.19	49.66	32.55	7.07	7.92	4.4	2.61	89.4
871	8/28/2010 11:46	16.94	49.37	32.34	7.15	7.92	4.2	2.69	89.8
872	8/28/2010 12:01	16.69	49.62	32.51	7.20	7.92	4.2	2.76	90.1
873	8/28/2010 12:16	16.46	49.67	32.55	7.18	7.91	4.2	2.84	89.5
874	8/28/2010 12:31	16.12	50.34	33.03	7.12	7.90	4.6	2.92	88.4
875	8/28/2010 12:46	15.85	49.77	32.61	7.11	7.89	4.7	3.00	87.6
876	8/28/2010 13:01	15.40	49.71	32.56	7.14	7.88	4.9	3.07	87.1
877	8/28/2010 13:16	14.85	49.84	32.64	7.20	7.87	5.0	3.16	86.9
878	8/28/2010 13:31	14.48	49.51	32.39	7.23	7.87	4.9	3.23	86.5
879	8/28/2010 13:46	14.17	49.96	32.71	7.20	7.86	3.7	3.30	85.8
880	8/28/2010 14:01	13.82	49.91	32.66	7.24	7.86	3.2	3.36	85.7
881	8/28/2010 14:16	13.56	49.86	32.62	7.29	7.86	2.2	3.42	85.8
882	8/28/2010 14:31	13.45	49.69	32.49	7.29	7.86	1.5	3.45	85.5
883	8/28/2010 14:46	13.36	49.80	32.56	7.26	7.86	1.2	3.47	85.0
884	8/28/2010 15:01	13.51	49.86	32.62	7.10	7.86	1.4	3.48	83.4
885	8/28/2010 15:16	13.46	50.11	32.80	6.83	7.83	1.0	3.46	80.3
886	8/28/2010 15:31	13.47	50.09	32.78	7.18	7.85	2.6	3.42	84.4
887	8/28/2010 15:46	13.76	50.01	32.73	7.24	7.86	5.1	3.35	85.6
888	8/28/2010 16:01	14.78	49.45	32.36	7.55	7.90	4.4	3.28	90.9
889	8/28/2010 16:16	15.49	49.79	32.62	7.70	7.92	4.0	3.21	94.2
890	8/28/2010 16:31	15.80	49.40	32.34	7.78	7.93	5.1	3.12	95.5
891	8/28/2010 16:46	16.10	50.01	32.79	7.76	7.94	4.7	3.03	96.1
892	8/28/2010 17:01	16.45	49.81	32.65	7.81	7.95	3.7	2.95	97.4
893	8/28/2010 17:16	16.82	49.53	32.45	7.90	7.96	4.3	2.85	99.1
894	8/28/2010 17:31	17.21	49.66	32.55	8.07	7.98	5.0	2.75	102.0
895	8/28/2010 17:46	17.27	49.53	32.45	8.70	8.02	4.5	2.67	110.0
896	8/28/2010 18:01	17.18	49.62	32.52	8.86	8.03	3.7	2.57	112.0
897	8/28/2010 18:16	17.09	49.81	32.66	9.07	8.04	4.0	2.48	114.5
898	8/28/2010 18:31	17.48	50.24	32.98	8.98	8.04	4.7	2.38	114.4
899	8/28/2010 18:46	17.30	50.22	32.96	9.16	8.06	4.5	2.28	116.3
900	8/28/2010 19:01	17.55	49.74	32.61	8.94	8.05	4.7	2.20	113.8

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		
901	8/28/2010 19:16	17.48	49.52	32.45	8.88	8.04	4.3	2.09	112.8
902	8/28/2010 19:31	17.45	49.74	32.61	8.80	8.05	4.5	2.00	111.9
903	8/28/2010 19:46	17.61	49.79	32.65	8.57	8.04	4.1	1.93	109.2
904	8/28/2010 20:01	17.93	50.09	32.87	8.28	8.03	4.4	1.85	106.3
905	8/28/2010 20:16	18.08	49.94	32.76	8.13	8.03	4.6	1.79	104.7
906	8/28/2010 20:31	18.43	49.94	32.77	7.94	8.02	4.1	1.74	102.9
907	8/28/2010 20:46	18.54	49.96	32.78	7.88	8.02	13.4	1.72	102.3
908	8/28/2010 21:01	18.71	49.59	32.50	7.78	8.01	3.1	1.71	101.2
909	8/28/2010 21:16	18.59	49.44	32.40	7.69	8.01	3.7	1.71	99.7
910	8/28/2010 21:31	18.63	50.53	33.20	7.83	8.01	3.0	1.74	102.2
911	8/28/2010 21:46	18.61	49.91	32.75	7.84	8.01	3.2	1.78	102.0
912	8/28/2010 22:01	18.70	49.78	32.65	7.86	8.01	3.6	1.85	102.3
913	8/28/2010 22:16	18.66	49.92	32.75	7.81	8.01	2.9	1.89	101.7
914	8/28/2010 22:31	18.71	50.68	33.31	7.68	8.00	3.6	1.97	100.4
915	8/28/2010 22:46	18.94	49.88	32.72	7.52	7.98	4.5	2.05	98.4
916	8/28/2010 23:01	18.79	49.84	32.69	7.59	7.99	3.5	2.11	99.0
917	8/28/2010 23:16	18.56	49.45	32.40	7.62	7.99	3.4	2.20	98.8
918	8/28/2010 23:31	18.46	50.25	32.99	7.63	7.98	3.8	2.26	99.1
919	8/28/2010 23:46	18.40	49.88	32.72	7.63	7.98	3.5	2.32	98.8
920	8/29/2010 0:01	18.20	50.04	32.84	7.68	7.98	4.4	2.40	99.1
921	8/29/2010 0:16	17.88	49.73	32.61	7.54	7.97	4.3	2.47	96.6
922	8/29/2010 0:31	17.76	50.35	33.06	7.44	7.96	4.2	2.52	95.3
923	8/29/2010 0:46	17.56	50.38	33.08	7.43	7.95	6.6	2.59	94.9
924	8/29/2010 1:01	17.43	49.76	32.63	7.43	7.95	4.2	2.65	94.4
925	8/29/2010 1:16	17.27	49.67	32.56	7.41	7.95	4.0	2.72	93.8
926	8/29/2010 1:31	17.05	49.66	32.55	7.44	7.94	3.1	2.77	93.7
927	8/29/2010 1:46	16.81	49.61	32.51	7.40	7.93	3.2	2.82	92.8
928	8/29/2010 2:01	16.65	49.70	32.57	7.35	7.93	3.2	2.89	91.9
929	8/29/2010 2:16	16.46	49.63	32.52	7.32	7.92	2.1	2.93	91.2
930	8/29/2010 2:31	16.25	50.03	32.81	7.26	7.92	2.1	2.98	90.2
931	8/29/2010 2:46	16.09	50.03	32.81	7.22	7.91	1.6	3.01	89.5
932	8/29/2010 3:01	15.80	49.94	32.74	7.18	7.91	1.7	3.06	88.4
933	8/29/2010 3:16	15.74	49.78	32.61	6.95	7.89	2.9	3.07	85.4
934	8/29/2010 3:31	16.13	49.99	32.78	7.18	7.91	2.5	3.08	89.0
935	8/29/2010 3:46	15.89	49.84	32.66	6.96	7.89	2.4	3.08	85.8
936	8/29/2010 4:01	15.69	50.09	32.84	6.85	7.89	1.9	3.05	84.2
937	8/29/2010 4:16	15.81	49.90	32.71	7.12	7.90	2.2	3.02	87.7
938	8/29/2010 4:31	16.13	49.78	32.63	7.10	7.91	3.2	2.96	88.0
939	8/29/2010 4:46	16.76	49.80	32.65	6.88	7.91	4.8	2.89	86.3
940	8/29/2010 5:01	16.88	50.12	32.88	6.72	7.89	4.1	2.82	84.6
941	8/29/2010 5:16	16.88	49.60	32.51	6.69	7.89	4.5	2.74	84.0
942	8/29/2010 5:31	16.91	49.97	32.77	6.69	7.89	4.4	2.66	84.2
943	8/29/2010 5:46	16.85	50.06	32.84	6.60	7.88	4.4	2.59	83.0
944	8/29/2010 6:01	16.87	49.98	32.78	6.54	7.88	4.0	2.50	82.2
945	8/29/2010 6:16	17.02	50.04	32.83	6.37	7.87	4.7	2.44	80.4
946	8/29/2010 6:31	17.06	49.94	32.76	6.34	7.87	4.9	2.37	80.1
947	8/29/2010 6:46	17.23	49.92	32.74	6.37	7.88	4.3	2.29	80.7
948	8/29/2010 7:01	17.12	49.97	32.78	6.40	7.88	4.4	2.22	80.9
949	8/29/2010 7:16	17.41	49.42	32.37	6.45	7.89	4.0	2.17	81.7
950	8/29/2010 7:31	17.39	49.67	32.56	6.46	7.89	13.9	2.10	81.9
951	8/29/2010 7:46	17.49	49.93	32.75	6.49	7.90	3.5	2.04	82.6
952	8/29/2010 8:01	17.65	49.74	32.61	6.53	7.91	2.7	2.01	83.3
953	8/29/2010 8:16	17.75	49.43	32.38	6.55	7.91	2.4	1.96	83.6

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	
954	8/29/2010 8:31	17.86	49.90	32.73	6.54	7.92	2.2	1.96	83.8
955	8/29/2010 8:46	17.96	49.65	32.55	6.30	7.91	2.9	1.95	80.8
956	8/29/2010 9:01	17.92	49.95	32.77	6.48	7.91	3.1	1.95	83.2
957	8/29/2010 9:16	18.00	49.75	32.62	6.56	7.92	3.6	1.99	84.2
958	8/29/2010 9:31	17.97	49.78	32.64	6.57	7.92	3.1	2.02	84.3
959	8/29/2010 9:46	18.05	49.88	32.72	6.61	7.93	2.6	2.07	85.0
960	8/29/2010 10:01	18.00	49.99	32.80	6.65	7.93	3.1	2.14	85.5
961	8/29/2010 10:16	17.99	50.02	32.82	6.66	7.92	3.4	2.20	85.6
962	8/29/2010 10:31	17.94	49.97	32.79	6.61	7.92	3.5	2.27	84.9
963	8/29/2010 10:46	17.86	49.90	32.73	6.69	7.92	3.0	2.35	85.8
964	8/29/2010 11:01	17.73	49.73	32.61	6.68	7.92	3.2	2.41	85.3
965	8/29/2010 11:16	17.65	49.91	32.74	6.69	7.91	2.6	2.49	85.4
966	8/29/2010 11:31	17.53	49.40	32.36	6.68	7.91	3.0	2.55	84.9
967	8/29/2010 11:46	17.29	49.89	32.72	6.76	7.91	3.1	2.62	85.7
968	8/29/2010 12:01	17.15	49.39	32.35	6.89	7.91	2.9	2.70	86.9
969	8/29/2010 12:16	17.03	49.81	32.66	6.96	7.91	3.1	2.76	87.8
970	8/29/2010 12:31	16.85	49.57	32.48	7.07	7.92	2.6	2.83	88.7
971	8/29/2010 12:46	16.66	49.53	32.45	7.07	7.91	2.6	2.92	88.4
972	8/29/2010 13:01	16.45	49.50	32.42	7.10	7.91	3.2	2.98	88.4
973	8/29/2010 13:16	16.09	49.77	32.61	7.09	7.90	2.8	3.04	87.7
974	8/29/2010 13:31	15.63	49.80	32.63	7.08	7.89	3.1	3.13	86.9
975	8/29/2010 13:46	15.20	49.59	32.47	7.17	7.89	3.5	3.21	87.2
976	8/29/2010 14:01	14.87	49.96	32.73	7.24	7.89	2.4	3.27	87.6
977	8/29/2010 14:16	14.49	49.61	32.47	7.34	7.89	1.9	3.34	88.0
978	8/29/2010 14:31	14.28	49.77	32.58	7.42	7.89	1.3	3.39	88.5
979	8/29/2010 14:46	14.05	49.91	32.67	7.42	7.89	0.9	3.44	88.2
980	8/29/2010 15:01	13.87	49.96	32.70	7.41	7.89	0.8	3.47	87.8
981	8/29/2010 15:16	13.82	49.74	32.54	7.13	7.87	0.9	3.48	84.3
982	8/29/2010 15:31	13.82	49.94	32.68	7.38	7.89	1.5	3.49	87.3
983	8/29/2010 15:46	13.88	49.78	32.57	7.45	7.89	1.5	3.48	88.2
984	8/29/2010 16:01	14.03	49.68	32.50	7.43	7.90	3.6	3.42	88.2
985	8/29/2010 16:16	14.40	49.53	32.41	7.44	7.90	3.9	3.37	88.9
986	8/29/2010 16:31	15.09	49.80	32.62	7.64	7.92	4.2	3.31	92.7
987	8/29/2010 16:46	15.94	49.40	32.35	7.75	7.95	4.0	3.23	95.5
988	8/29/2010 17:01	16.30	49.70	32.57	7.84	7.96	4.5	3.15	97.4
989	8/29/2010 17:16	16.47	49.95	32.76	7.80	7.96	5.1	3.05	97.3
990	8/29/2010 17:31	16.81	49.57	32.48	7.91	7.97	5.8	2.96	99.2
991	8/29/2010 17:46	17.12	49.70	32.58	7.88	7.98	5.3	2.89	99.5
992	8/29/2010 18:01	17.52	50.09	32.87	7.97	7.99	6.2	2.79	101.5
993	8/29/2010 18:16	17.93	49.64	32.54	8.27	8.02	8.2	2.69	106.0
994	8/29/2010 18:31	17.94	49.53	32.46	8.44	8.04	6.5	2.61	108.2
995	8/29/2010 18:46	17.90	49.96	32.77	8.74	8.05	4.9	2.52	112.1
996	8/29/2010 19:01	17.73	49.63	32.53	8.79	8.05	4.6	2.41	112.3
997	8/29/2010 19:16	17.70	49.97	32.78	8.79	8.06	4.9	2.34	112.3
998	8/29/2010 19:31	17.82	49.47	32.41	8.63	8.05	5.7	2.25	110.3
999	8/29/2010 19:46	17.50	49.47	32.41	8.56	8.04	4.8	2.14	108.7
1000	8/29/2010 20:01	17.57	49.68	32.57	8.26	8.02	4.9	2.06	105.1
1001	8/29/2010 20:16	17.77	49.91	32.74	8.07	8.02	5.4	1.97	103.3
1002	8/29/2010 20:31	17.80	49.62	32.52	7.94	8.01	5.4	1.90	101.6
1003	8/29/2010 20:46	18.21	49.90	32.73	7.70	8.00	5.1	1.83	99.3
1004	8/29/2010 21:01	18.32	49.88	32.72	7.61	8.00	5.0	1.77	98.4
1005	8/29/2010 21:16	18.67	50.10	32.89	7.64	8.01	4.2	1.76	99.5
1006	8/29/2010 21:31	18.71	49.55	32.48	7.47	8.00	3.6	1.71	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	DO%
			mS/cm		mg/L		NTU	meters	
1007	8/29/2010 21:46	18.83	49.78	32.64	7.32	7.99	3.5	1.69	95.5
1008	8/29/2010 22:01	18.86	49.50	32.44	7.52	8.01	3.5	1.73	98.0
1009	8/29/2010 22:16	18.86	50.03	32.83	7.61	8.01	3.7	1.75	99.4
1010	8/29/2010 22:31	18.80	49.80	32.66	7.63	8.01	3.5	1.76	99.6
1011	8/29/2010 22:46	18.86	49.61	32.52	7.70	8.01	4.1	1.83	100.4
1012	8/29/2010 23:01	18.85	49.69	32.58	7.70	8.01	4.3	1.90	100.4
1013	8/29/2010 23:16	18.84	49.76	32.63	7.65	8.01	4.7	1.95	99.9
1014	8/29/2010 23:31	19.01	49.95	32.77	7.40	7.98	6.2	2.02	97.0
1015	8/29/2010 23:46	19.01	49.67	32.57	7.36	7.98	6.7	2.08	96.3
1016	8/30/2010 0:01	18.87	49.68	32.57	7.47	7.98	5.7	2.15	97.4
1017	8/30/2010 0:16	18.71	49.82	32.67	7.53	7.99	5.5	2.22	98.0
1018	8/30/2010 0:31	18.63	49.58	32.50	7.53	7.99	5.3	2.27	97.7
1019	8/30/2010 0:46	18.57	50.10	32.88	7.52	7.99	4.9	2.32	97.8
1020	8/30/2010 1:01	18.39	50.52	33.19	7.58	7.99	5.2	2.39	98.4
1021	8/30/2010 1:16	18.00	50.31	33.03	7.46	7.97	5.9	2.45	96.0
1022	8/30/2010 1:31	17.90	49.81	32.67	7.39	7.96	5.9	2.50	94.7
1023	8/30/2010 1:46	17.73	50.18	32.94	7.37	7.96	6.4	2.56	94.3
1024	8/30/2010 2:01	17.56	50.06	32.85	7.38	7.96	6.7	2.62	94.2
1025	8/30/2010 2:16	17.39	49.95	32.76	7.37	7.95	5.5	2.67	93.6
1026	8/30/2010 2:31	17.33	49.97	32.78	7.37	7.95	4.4	2.72	93.5
1027	8/30/2010 2:46	17.09	49.34	32.32	7.39	7.95	3.2	2.78	93.1
1028	8/30/2010 3:01	16.96	49.73	32.60	7.35	7.94	3.1	2.83	92.5
1029	8/30/2010 3:16	16.84	49.74	32.60	7.29	7.94	2.9	2.86	91.5
1030	8/30/2010 3:31	16.68	49.48	32.41	7.26	7.94	2.4	2.90	90.8
1031	8/30/2010 3:46	16.55	49.84	32.67	7.24	7.93	2.4	2.93	90.5
1032	8/30/2010 4:01	16.42	49.70	32.57	7.19	7.93	2.1	2.95	89.5
1033	8/30/2010 4:16	16.44	49.63	32.52	7.04	7.92	2.5	2.96	87.7
1034	8/30/2010 4:31	16.57	49.71	32.58	6.94	7.92	2.2	2.96	86.6
1035	8/30/2010 4:46	16.37	49.58	32.48	6.96	7.91	2.3	2.94	86.6
1036	8/30/2010 5:01	16.47	49.63	32.52	7.03	7.92	4.1	2.89	87.5
1037	8/30/2010 5:16	16.66	49.89	32.71	6.98	7.92	2.7	2.87	87.4
1038	8/30/2010 5:31	17.03	49.96	32.77	6.75	7.91	4.3	2.82	85.2
1039	8/30/2010 5:46	17.10	49.70	32.58	6.76	7.91	5.0	2.74	85.4
1040	8/30/2010 6:01	17.22	50.08	32.86		7.88	5.9	2.69	79.0
1041	8/30/2010 6:16	17.21	49.97	32.78		7.87	5.2	2.63	77.3
1042	8/30/2010 6:31	17.17	49.24	32.24		7.87	5.4	2.56	77.2
1043	8/30/2010 6:46	17.24	50.05	32.84		7.88	4.7	2.50	78.3
1044	8/30/2010 7:01	17.38	49.98	32.79		7.89	4.5	2.45	78.9
1045	8/30/2010 7:16	17.44	49.68	32.57		7.89	4.3	2.39	79.2
1046	8/30/2010 7:31	17.38	49.78	32.64		7.89	3.8	2.33	79.2
1047	8/30/2010 7:46	17.52	49.88	32.71		7.90	3.7	2.27	81.3
1048	8/30/2010 8:01	17.48	50.00	32.80		7.90	3.6	2.23	80.6
1049	8/30/2010 8:16	17.59	49.42	32.38		7.90	3.6	2.20	81.7
1050	8/30/2010 8:31	17.70	49.61	32.52		7.91	3.4	2.16	82.0
1051	8/30/2010 8:46	17.79	49.55	32.47		7.92	3.2	2.14	82.8
1052	8/30/2010 9:01	17.86	49.68	32.57		7.92	3.0	2.12	82.5
1053	8/30/2010 9:16	17.94	49.96	32.78		7.92	2.8	2.12	82.1
1054	8/30/2010 9:31	17.91	49.57	32.49		7.93	2.8	2.13	84.1
1055	8/30/2010 9:46	17.93	50.08	32.87		7.93	3.2	2.15	83.6
1056	8/30/2010 10:01	17.87	49.54	32.47		7.93	3.2	2.19	84.3
1057	8/30/2010 10:16	17.87	49.83	32.68		7.93	3.8	2.24	84.9
1058	8/30/2010 10:31	17.86	49.68	32.57		7.93	4.3	2.28	85.3
1059	8/30/2010 10:46	17.81	49.87	32.71		7.92	4.8	2.33	84.3

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	
1060	8/30/2010 11:01	17.71	49.86	32.70		7.92	4.8	2.40	83.3
1061	8/30/2010 11:16	17.66	49.66	32.55		7.92	4.9	2.46	83.4
1062	8/30/2010 11:31	17.55	49.57	32.49		7.91	4.4	2.51	83.2
1063	8/30/2010 11:46	17.44	49.81	32.66		7.91	4.4	2.58	83.1
1064	8/30/2010 12:01	17.28	49.65	32.55		7.90	4.5	2.65	83.4
1065	8/30/2010 12:16	17.13	49.95	32.76		7.91	4.6	2.70	84.4
1066	8/30/2010 12:31	16.84	49.75	32.62		7.92	3.8	2.77	87.2
1067	8/30/2010 12:46	16.71	49.58	32.49		7.92	3.3	2.84	88.0
1068	8/30/2010 13:01	16.55	49.67	32.55		7.93	3.4	2.91	88.4
1069	8/30/2010 13:16	16.36	49.61	32.50		7.92	3.8	2.98	88.4
1070	8/30/2010 13:31	15.98	49.89	32.70		7.91	3.7	3.05	87.5
1071	8/30/2010 13:46	15.50	49.77	32.61		7.90	4.1	3.12	86.1
1072	8/30/2010 14:01	15.25	49.77	32.60		7.91	4.3	3.19	86.3
1073	8/30/2010 14:16	15.06	49.85	32.65		7.90	3.7	3.25	86.1
1074	8/30/2010 14:31	14.67	49.82	32.62		7.90	4.3	3.31	86.8
1075	8/30/2010 14:46	14.40	49.77	32.58		7.91	3.5	3.37	87.4
1076	8/30/2010 15:01	14.27	49.96	32.72		7.91	2.4	3.42	87.5
1077	8/30/2010 15:16	14.18	49.66	32.49		7.91	2.2	3.46	87.6
1078	8/30/2010 15:31	14.00	49.61	32.45		7.91	1.5	3.49	86.5
1079	8/30/2010 15:46	13.79	49.69	32.50		7.91	1.6	3.51	84.7
1080	8/30/2010 16:01	14.21	49.62	32.46		7.91	1.8	3.51	85.5
1081	8/30/2010 16:16	13.91	49.57	32.42		7.90	1.8	3.48	85.2
1082	8/30/2010 16:31	14.08	49.61	32.46		7.91	2.4	3.45	85.6
1083	8/30/2010 16:46	14.41	49.83	32.63		7.91	2.4	3.40	85.7
1084	8/30/2010 17:01	15.04	49.79	32.61		7.92	3.1	3.34	87.9
1085	8/30/2010 17:16	15.65	49.82	32.64		7.93	3.4	3.27	89.0
1086	8/30/2010 17:31	15.56	49.54	32.44		7.93	4.7	3.19	88.9
1087	8/30/2010 17:46	15.98	49.70	32.57		7.94	4.1	3.11	90.7
1088	8/30/2010 18:01	16.24	49.85	32.68		7.94	4.0	3.03	91.4
1089	8/30/2010 18:16	16.53	49.74	32.60		7.95	4.6	2.94	92.3
1090	8/30/2010 18:31	16.70	49.34	32.31		7.95	4.2	2.87	91.8
1091	8/30/2010 18:46	17.08	49.69	32.57		7.96	5.0	2.77	93.3
1092	8/30/2010 19:01	17.31	49.57	32.49		7.96	5.1	2.69	93.6
1093	8/30/2010 19:16	17.45	49.94	32.76		7.97	5.4	2.59	93.8
1094	8/30/2010 19:31	17.58	49.72	32.60		7.97	5.6	2.51	95.2
1095	8/30/2010 19:46	17.60	49.64	32.54		7.97	7.1	2.43	94.9
1096	8/30/2010 20:01	17.48	49.64	32.54		7.97	5.7	2.32	95.4
1097	8/30/2010 20:16	17.24	49.62	32.52		7.97	6.8	2.25	95.4
1098	8/30/2010 20:31	17.03	49.78	32.64		7.96	4.1	2.15	94.2
1099	8/30/2010 20:46	16.81	49.87	32.70		7.96	4.2	2.04	92.9
1100	8/30/2010 21:01	16.98	49.88	32.71		7.95	4.8	1.96	90.7
1101	8/30/2010 21:16	17.00	49.70	32.58		7.94	4.0	1.91	88.8
1102	8/30/2010 21:31	17.19	49.52	32.45		7.94	3.8	1.83	87.4
1103	8/30/2010 21:46	17.29	49.77	32.63		7.94	4.2	1.77	86.4
1104	8/30/2010 22:01	17.52	49.58	32.50		7.94	3.8	1.74	85.7
1105	8/30/2010 22:16	17.81	49.71	32.59		7.94	4.0	1.72	86.1
1106	8/30/2010 22:31	17.88	50.38	33.08		7.94	3.3	1.71	85.7
1107	8/30/2010 22:46	17.76	49.99	32.79		7.93	3.1	1.70	84.2
1108	8/30/2010 23:01	17.88	49.77	32.64		7.94	3.1	1.73	86.0
1109	8/30/2010 23:16	17.86	49.72	32.60		7.94	3.2	1.78	86.2
1110	8/30/2010 23:31	17.86	49.68	32.57		7.94	3.2	1.80	86.4
1111	8/30/2010 23:46	17.87	49.79	32.65		7.94	3.8	1.86	86.4
1112	8/31/2010 0:01	17.79	50.03	32.82		7.94	4.1	1.92	85.6

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	
1113	8/31/2010 0:16	17.78	50.04	32.83		7.94	4.6	1.97	85.6
1114	8/31/2010 0:31	17.84	49.80	32.66		7.92	5.4	2.02	85.5
1115	8/31/2010 0:46	17.85	49.99	32.80		7.92	5.4	2.09	85.0
1116	8/31/2010 1:01	17.79	50.04	32.84		7.92	5.1	2.14	85.3
1117	8/31/2010 1:16	17.73	49.71	32.59		7.92	5.0	2.19	85.4
1118	8/31/2010 1:31	17.66	50.13	32.90		7.93	5.0	2.26	86.0
1119	8/31/2010 1:46	17.61	49.77	32.64		7.93	4.9	2.30	85.9
1120	8/31/2010 2:01	17.59	50.20	32.95		7.93	4.8	2.36	86.0
1121	8/31/2010 2:16	17.56	49.69	32.57		7.93	5.3	2.43	86.1
1122	8/31/2010 2:31	17.41	49.89	32.72		7.93	5.3	2.48	86.4
1123	8/31/2010 2:46	17.28	49.51	32.44		7.93	6.2	2.53	86.1
1124	8/31/2010 3:01	17.22	49.48	32.42		7.93	6.2	2.58	85.8
1125	8/31/2010 3:16	17.09	50.12	32.89		7.92	6.0	2.64	85.8
1126	8/31/2010 3:31	17.01	49.64	32.53		7.92	5.3	2.69	85.6
1127	8/31/2010 3:46	16.87	49.50	32.43		7.93	4.6	2.73	85.7
1128	8/31/2010 4:01	16.76	49.78	32.64		7.92	3.7	2.77	85.6
1129	8/31/2010 4:16	16.64	49.77	32.63		7.92	3.2	2.80	85.4
1130	8/31/2010 4:31	16.52	49.88	32.70		7.92	6.3	2.83	84.9
1131	8/31/2010 4:46	16.45	50.03	32.81		7.92	2.1	2.85	84.4
1132	8/31/2010 5:01	16.46	49.82	32.66		7.91	2.2	2.87	83.4
1133	8/31/2010 5:16	16.50	49.87	32.70		7.90	2.3	2.87	80.2
1134	8/31/2010 5:31	16.46	49.68	32.56		7.90	2.1	2.86	80.2
1135	8/31/2010 5:46	16.42	49.80	32.65		7.90	3.4	2.85	81.0
1136	8/31/2010 6:01	16.40	49.45	32.39		7.90	3.4	2.81	81.9
1137	8/31/2010 6:16	16.55	50.05	32.83		7.90	3.7	2.78	81.0
1138	8/31/2010 6:31	16.73	49.83	32.67		7.88	5.2	2.73	78.8
1139	8/31/2010 6:46	16.73	49.77	32.63		7.84	4.3	2.69	73.1
1140	8/31/2010 7:01	16.77	49.85	32.69		7.83	4.3	2.63	72.2
1141	8/31/2010 7:16	16.76	49.84	32.68		7.81	4.3	2.58	70.0
1142	8/31/2010 7:31	16.75	49.65	32.54		7.80	3.5	2.55	67.7
1143	8/31/2010 7:46	16.87	49.59	32.49		7.82	3.9	2.48	70.0
1144	8/31/2010 8:01	16.91	49.78	32.64		7.83	3.3	2.44	70.3
1145	8/31/2010 8:16	17.01	49.91	32.73		7.84	3.4	2.39	72.0
1146	8/31/2010 8:31	16.98	49.72	32.59		7.83	3.1	2.36	72.3
1147	8/31/2010 8:46	17.08	49.60	32.51		7.85	2.9	2.33	72.7
1148	8/31/2010 9:01	17.18	49.70	32.58		7.85	2.4	2.30	73.2
1149	8/31/2010 9:16	17.28	49.87	32.71		7.86	1.8	2.27	74.0
1150	8/31/2010 9:31	17.32	49.93	32.75		7.87	2.4	2.27	75.4
1151	8/31/2010 9:46	17.39	49.74	32.61		7.88	2.2	2.28	75.1
1152	8/31/2010 10:01	17.39	49.69	32.57		7.88	1.8	2.26	76.5
1153	8/31/2010 10:16	17.41	49.48	32.42		7.88	2.6	2.29	77.5
1154	8/31/2010 10:31	17.41	49.29	32.28		7.89	3.1	2.32	77.9
1155	8/31/2010 10:46	17.37	49.84	32.68		7.89	3.2	2.34	77.8
1156	8/31/2010 11:01	17.35	49.33	32.31		7.89	3.8	2.37	77.5
1157	8/31/2010 11:16	17.26	49.99	32.79		7.87	4.2	2.42	76.2
1158	8/31/2010 11:31	17.21	49.73	32.60		7.87	5.1	2.47	75.6
1159	8/31/2010 11:46	17.15	49.88	32.71		7.87	4.2	2.52	76.1
1160	8/31/2010 12:01	17.12	49.68	32.56		7.88	4.5	2.56	76.7
1161	8/31/2010 12:16	17.08	49.65	32.54		7.88	3.8	2.61	78.3
1162	8/31/2010 12:31	17.01	49.76	32.62		7.89	4.0	2.68	79.5
1163	8/31/2010 12:46	16.88	49.52	32.44		7.89	3.9	2.73	80.1
1164	8/31/2010 13:01	16.72	49.92	32.74		7.89	3.5	2.78	80.0
1165	8/31/2010 13:16	16.51	49.68	32.56		7.90	3.7	2.86	82.1

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	
1166	8/31/2010 13:31	16.22	49.51	32.43		7.90	3.5	2.91	82.7
1167	8/31/2010 13:46	15.95	49.67	32.54		7.90	3.1	2.97	83.2
1168	8/31/2010 14:01	15.84	49.68	32.55		7.91	3.0	3.03	83.6
1169	8/31/2010 14:16	15.64	49.68	32.54		7.90	3.0	3.08	83.4
1170	8/31/2010 14:31	15.50	49.63	32.50		7.90	2.7	3.15	83.5
1171	8/31/2010 14:46	15.26	49.27	32.24		7.91	2.9	3.21	84.0
1172	8/31/2010 15:01	15.12	49.46	32.37		7.91	2.8	3.26	84.3
1173	8/31/2010 15:16	14.87	49.35	32.28		7.91	3.1	3.32	84.5
1174	8/31/2010 15:31	14.51	49.62	32.47		7.91	2.8	3.37	84.8
1175	8/31/2010 15:46	14.36	49.49	32.37		7.91	2.0	3.40	85.1
1176	8/31/2010 16:01	14.30	49.43	32.33		7.92	1.5	3.44	85.2
1177	8/31/2010 16:16	14.27	49.50	32.38		7.91	2.0	3.46	84.7
1178	8/31/2010 16:31	14.23	49.66	32.49		7.91	2.2	3.47	82.8
1179	8/31/2010 16:46	14.24	49.73	32.55		7.90	1.0	3.47	82.4
1180	8/31/2010 17:01	14.29	49.59	32.44		7.90	1.2	3.45	82.4
1181	8/31/2010 17:16	14.40	49.40	32.31		7.91	1.8	3.43	83.4
1182	8/31/2010 17:31	14.78	49.32	32.26		7.92	9.2	3.38	84.9
1183	8/31/2010 17:46	15.01	49.24	32.20		7.91	5.1	3.31	84.4
1184	8/31/2010 18:01	15.41	49.44	32.36		7.91	5.6	3.26	84.1
1185	8/31/2010 18:16	15.63	49.38	32.32		7.90	8.3	3.20	83.7
1186	8/31/2010 18:31	15.72	49.58	32.47		7.90	9.9	3.11	83.6
1187	8/31/2010 18:46	15.68	49.63	32.50		7.90	10.5	3.03	83.1
1188	8/31/2010 19:01	15.73	49.12	32.14		7.90	11.0	2.97	83.0
1189	8/31/2010 19:16	15.63	49.60	32.49		7.90	11.6	2.88	82.8
1190	8/31/2010 19:31	16.01	49.76	32.61		7.92	12.3	2.79	84.6
1191	8/31/2010 19:46	15.78	49.47	32.39		7.90	13.1	2.72	84.2
1192	8/31/2010 20:01	16.18	49.56	32.46		7.92	15.0	2.64	85.0
1193	8/31/2010 20:16	16.18	49.52	32.43		7.92	15.7	2.55	84.5
1194	8/31/2010 20:31	16.11	49.43	32.37		7.90	17.3	2.46	82.4
1195	8/31/2010 20:46	15.78	49.79	32.62		7.87	18.1	2.35	80.4
1196	8/31/2010 21:01	16.09	50.15	32.89		7.88	17.6	2.28	81.1
1197	8/31/2010 21:16	16.23	49.73	32.59		7.88	16.0	2.18	81.1
1198	8/31/2010 21:31	16.46	49.78	32.63		7.89	14.9	2.08	80.9
1199	8/31/2010 21:46	16.64	50.06	32.83		7.89	13.1	2.00	80.8
1200	8/31/2010 22:01	16.97	49.73	32.60		7.90	12.8	1.92	81.2
1201	8/31/2010 22:16	17.03	49.58	32.49		7.90	11.0	1.85	81.2
1202	8/31/2010 22:31	17.12	49.77	32.63		7.90	10.7	1.78	80.5
1203	8/31/2010 22:46	17.29	50.10	32.88		7.90	10.7	1.74	81.2
1204	8/31/2010 23:01	17.55	49.73	32.61		7.91	10.7	1.72	82.0
1205	8/31/2010 23:16	17.71	49.93	32.75		7.92	10.6	1.68	82.3
1206	8/31/2010 23:31	17.70	49.95	32.76		7.92	10.0	1.68	82.7
1207	8/31/2010 23:46	17.63	49.89	32.73		7.92	10.6	1.70	82.8
1208	9/1/2010 0:01	17.79	49.82	32.67		7.93	11.4	1.72	84.4
1209	9/1/2010 0:16	17.71	49.52	32.45		7.93	10.6	1.73	83.7
1210	9/1/2010 0:31	17.75	50.06	32.85		7.93	11.1	1.78	83.8
1211	9/1/2010 0:46	17.72	49.91	32.74		7.93	11.4	1.85	83.6
1212	9/1/2010 1:01	17.69	49.68	32.57		7.93	11.1	1.86	83.2
1213	9/1/2010 1:16	17.63	49.93	32.75		7.92	10.9	1.91	82.4
1214	9/1/2010 1:31	17.67	50.00	32.81		7.91	11.1	1.97	82.4
1215	9/1/2010 1:46	17.70	49.53	32.46		7.91	9.8	2.02	81.8
1216	9/1/2010 2:01	17.65	49.85	32.69		7.91	9.6	2.06	81.8
1217	9/1/2010 2:16	17.63	49.84	32.69		7.91	10.0	2.11	82.0
1218	9/1/2010 2:31	17.56	49.69	32.58		7.91	9.0	2.17	81.8

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	
1219	9/1/2010 2:46	17.51	49.76	32.62		7.91	8.5	2.23	81.8
1220	9/1/2010 3:01	17.47	49.54	32.47		7.91	8.5	2.28	81.7
1221	9/1/2010 3:16	17.43	49.52	32.45		7.91	8.4	2.33	81.7
1222	9/1/2010 3:31	17.39	49.66	32.55		7.91	7.8	2.39	81.6
1223	9/1/2010 3:46	17.37	49.44	32.39		7.91	8.4	2.45	81.2
1224	9/1/2010 4:01	17.29	50.29	33.01		7.91	8.5	2.49	81.7
1225	9/1/2010 4:16	17.19	49.97	32.78		7.92	7.4	2.54	82.5
1226	9/1/2010 4:31	17.04	49.77	32.63		7.93	5.6	2.59	83.4
1227	9/1/2010 4:46	16.93	49.98	32.78		7.93	4.6	2.63	84.0
1228	9/1/2010 5:01	16.86	49.74	32.60		7.93	4.2	2.67	83.9
1229	9/1/2010 5:16	16.84	49.51	32.44		7.93	4.0	2.69	83.6
1230	9/1/2010 5:31	16.80	49.62	32.51		7.93	3.8	2.72	83.2
1231	9/1/2010 5:46	16.76	49.70	32.57		7.93	3.4	2.75	83.2
1232	9/1/2010 6:01	16.78	49.97	32.77		7.92	7.1	2.76	82.3
1233	9/1/2010 6:16	16.98	49.78	32.63		7.88	8.5	2.77	74.8
1234	9/1/2010 6:31	16.81	49.44	32.38		7.91	4.2	2.78	80.3
1235	9/1/2010 6:46	16.77	49.69	32.56		7.91	3.2	2.77	79.3
1236	9/1/2010 7:01	16.73	49.61	32.51		7.91	3.8	2.77	79.3
1237	9/1/2010 7:16	16.68	49.41	32.36		7.90	3.5	2.73	78.8
1238	9/1/2010 7:31	16.79	49.31	32.29		7.88	4.8	2.70	76.1
1239	9/1/2010 7:46	16.88	49.82	32.66		7.87	4.6	2.68	74.7
1240	9/1/2010 8:01	16.92	49.33	32.30		7.86	5.7	2.63	73.7
1241	9/1/2010 8:16	16.94	49.84	32.68		7.84	5.9	2.59	71.9
1242	9/1/2010 8:31	16.91	49.86	32.70		7.85	5.3	2.55	72.4
1243	9/1/2010 8:46	16.98	49.90	32.73		7.85	5.1	2.50	73.4
1244	9/1/2010 9:01	17.01	49.76	32.62		7.85	4.2	2.49	73.7
1245	9/1/2010 9:16	17.08	49.77	32.63		7.86	4.0	2.44	73.9
1246	9/1/2010 9:31	17.16	49.61	32.52		7.87	4.0	2.42	75.9
1247	9/1/2010 9:46	17.22	49.19	32.21		7.88	4.4	2.40	76.7
1248	9/1/2010 10:01	17.27	49.68	32.57		7.88	4.5	2.39	77.0
1249	9/1/2010 10:16	17.30	49.43	32.38		7.88	3.4	2.38	75.2
1250	9/1/2010 10:31	17.27	49.69	32.57		7.88	4.2	2.38	77.8
1251	9/1/2010 10:46	17.21	49.87	32.71		7.88	4.6	2.39	76.9
1252	9/1/2010 11:01	17.20	49.57	32.48		7.88	4.7	2.40	76.6
1253	9/1/2010 11:16	17.18	49.71	32.59		7.87	4.8	2.42	75.7
1254	9/1/2010 11:31	17.17	49.66	32.55		7.87	5.1	2.45	75.5
1255	9/1/2010 11:46	17.11	49.55	32.47		7.87	5.2	2.47	74.6
1256	9/1/2010 12:01	17.07	49.58	32.49		7.87	5.3	2.51	74.9
1257	9/1/2010 12:16	17.03	49.77	32.63		7.87	4.8	2.54	75.5
1258	9/1/2010 12:31	16.97	49.85	32.68		7.89	4.8	2.58	77.8
1259	9/1/2010 12:46	16.94	49.61	32.51		7.90	4.4	2.61	79.4
1260	9/1/2010 13:01	16.92	49.30	32.28		7.90	4.6	2.66	79.8
1261	9/1/2010 13:16	16.85	49.77	32.63		7.91	4.3	2.71	79.9
1262	9/1/2010 13:31	16.75	49.82	32.66		7.91	4.5	2.76	80.1
1263	9/1/2010 13:46	16.56	49.48	32.41		7.91	4.5	2.81	80.2
1264	9/1/2010 14:01	16.42	49.51	32.43		7.91	3.7	2.86	80.7
1265	9/1/2010 14:16	16.30	49.41	32.36		7.91	4.1	2.93	81.4
1266	9/1/2010 14:31	16.07	49.55	32.45		7.92	3.5	2.98	82.5
1267	9/1/2010 14:46	15.91	49.37	32.32		7.92	3.4	3.03	83.2
1268	9/1/2010 15:01	15.69	49.39	32.33		7.92	3.4	3.09	82.6
1269	9/1/2010 15:16	15.47	49.10	32.11		7.91	3.3	3.15	82.6
1270	9/1/2010 15:31	15.30	49.61	32.49		7.92	3.2	3.20	82.6
1271	9/1/2010 15:46	15.19	49.52	32.42		7.92	2.9	3.25	82.7

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	
1272	9/1/2010 16:01	15.06	49.40	32.33		7.92	2.4	3.30	82.7
1273	9/1/2010 16:16	14.92	49.59	32.46		7.91	2.3	3.34	82.4
1274	9/1/2010 16:31	14.78	49.32	32.26		7.92	2.3	3.38	82.7
1275	9/1/2010 16:46	14.64	49.54	32.41		7.92	2.0	3.41	82.6
1276	9/1/2010 17:01	14.58	49.54	32.42		7.93	1.5	3.44	83.0
1277	9/1/2010 17:16	14.63	49.64	32.49		7.92	1.3	3.44	82.8
1278	9/1/2010 17:31	14.64	49.42	32.33		7.92	2.1	3.45	82.3
1279	9/1/2010 17:46	14.71	49.83	32.63		7.93	2.3	3.44	83.3
1280	9/1/2010 18:01	14.86	49.81	32.62		7.91	4.3	3.41	81.8
1281	9/1/2010 18:16	15.37	50.00	32.77		7.90	19.5	3.39	80.2
1282	9/1/2010 18:31	15.11	49.64	32.50		7.91	37.0	3.33	81.9
1283	9/1/2010 18:46	14.84	49.71	32.54		7.91	39.3	3.28	82.2
1284	9/1/2010 19:01	14.75	49.37	32.29		7.91	38.3	3.22	81.9
1285	9/1/2010 19:16	15.15	49.02	32.05		7.91	44.8	3.15	81.6
1286	9/1/2010 19:31	15.39	49.69	32.55		7.92	25.6	3.08	82.0
1287	9/1/2010 19:46	14.87	49.69	32.53		7.91	23.4	2.99	81.2
1288	9/1/2010 20:01	15.09	49.82	32.63		7.91	21.4	2.92	81.6
1289	9/1/2010 20:16	15.75	49.37	32.32		7.92	17.5	2.84	81.4
1290	9/1/2010 20:31	16.04	49.38	32.33		7.91	19.3	2.76	81.5
1291	9/1/2010 20:46	16.22	49.58	32.48		7.91	17.5	2.68	80.8
1292	9/1/2010 21:01	16.25	49.88	32.70		7.89	15.7	2.61	79.6
1293	9/1/2010 21:16	16.39	49.33	32.30		7.89	15.0	2.52	78.4
1294	9/1/2010 21:31	16.85	49.71	32.58		7.90	17.5	2.43	79.9
1295	9/1/2010 21:46	16.96	49.87	32.70		7.89	16.6	2.34	79.0
1296	9/1/2010 22:01	16.89	49.87	32.70		7.88	15.1	2.25	77.1
1297	9/1/2010 22:16	17.14	50.04	32.83		7.89	15.1	2.16	78.0
1298	9/1/2010 22:31	17.04	49.43	32.38		7.87	13.6	2.07	75.7
1299	9/1/2010 22:46	17.26	50.19	32.94		7.87	13.1	1.98	76.0
1300	9/1/2010 23:01	17.36	49.52	32.45		7.87	13.6	1.90	74.8
1301	9/1/2010 23:16	17.56	49.66	32.55		7.87	12.6	1.83	74.6
1302	9/1/2010 23:31	17.76	49.97	32.79		7.87	12.0	1.75	75.0
1303	9/1/2010 23:46	17.86	49.49	32.43		7.87	12.6	1.70	74.8
1304	9/2/2010 0:01	18.02	49.85	32.70		7.88	11.7	1.67	75.9
1305	9/2/2010 0:16	18.24	49.86	32.71		7.88	13.6	1.63	76.1
1306	9/2/2010 0:31	18.37	49.76	32.63		7.88	14.2	1.61	76.3
1307	9/2/2010 0:46	18.43	49.87	32.71		7.87	13.7	1.61	74.3
1308	9/2/2010 1:01	18.39	49.87	32.71		7.88	14.0	1.62	76.9
1309	9/2/2010 1:16	18.38	49.74	32.62		7.88	14.6	1.64	76.6
1310	9/2/2010 1:31	18.33	49.52	32.45		7.88	14.2	1.66	76.1
1311	9/2/2010 1:46	18.33	49.93	32.76		7.88	15.0	1.70	76.0
1312	9/2/2010 2:01	18.35	50.04	32.84		7.87	15.6	1.76	76.0
1313	9/2/2010 2:16	18.31	50.35	33.06		7.87	16.0	1.79	75.5
1314	9/2/2010 2:31	18.29	49.43	32.39		7.87	15.4	1.84	75.1
1315	9/2/2010 2:46	18.32	49.58	32.50		7.87	13.0	1.91	75.3
1316	9/2/2010 3:01	18.29	49.33	32.31		7.87	17.9	1.95	75.2
1317	9/2/2010 3:16	18.21	49.86	32.70		7.86	11.7	2.00	74.7
1318	9/2/2010 3:31	18.13	49.85	32.70		7.87	13.0	2.06	75.3
1319	9/2/2010 3:46	18.03	49.72	32.60		7.87	13.2	2.12	75.0
1320	9/2/2010 4:01	17.96	49.61	32.52		7.87	13.7	2.18	74.9
1321	9/2/2010 4:16	17.88	49.93	32.75		7.87	13.4	2.23	74.8
1322	9/2/2010 4:31	17.74	49.45	32.40		7.87	15.0	2.28	75.2
1323	9/2/2010 4:46	17.61	49.59	32.50		7.88	14.5	2.33	75.5
1324	9/2/2010 5:01	17.33	50.05	32.84		7.89	13.4	2.39	77.3

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	
1325	9/2/2010 5:16	17.20	49.26	32.26		7.90	10.6	2.44	77.9
1326	9/2/2010 5:31	17.12	49.64	32.54		7.90	9.0	2.49	78.1
1327	9/2/2010 5:46	17.04	49.71	32.59		7.91	7.9	2.53	78.3
1328	9/2/2010 6:01	16.99	49.48	32.42		7.91	7.8	2.58	78.4
1329	9/2/2010 6:16	16.95	49.46	32.40		7.91	6.8	2.62	78.2
1330	9/2/2010 6:31	16.89	49.75	32.61		7.91	6.7	2.66	78.3
1331	9/2/2010 6:46	16.72	49.38	32.34		7.91	6.0	2.69	78.1
1332	9/2/2010 7:01	16.60	49.50	32.43		7.91	5.2	2.72	77.9
1333	9/2/2010 7:16	16.55	49.67	32.55		7.90	38.1	2.75	77.5
1334	9/2/2010 7:31	16.53	49.46	32.40		7.90	28.1	2.77	76.8
1335	9/2/2010 7:46	16.68	49.37	32.33		7.89	16.1	2.77	75.6
1336	9/2/2010 8:01	16.64	49.69	32.56		7.89	20.8	2.78	73.9
1337	9/2/2010 8:16	16.42	49.26	32.25		7.88	26.1	2.77	73.5
1338	9/2/2010 8:31	16.43	49.83	32.66		7.89	5.6	2.76	73.6
1339	9/2/2010 8:46	16.41	49.37	32.33		7.89	24.8	2.75	75.0
1340	9/2/2010 9:01	16.48	49.48	32.41		7.89	45.6	2.72	74.3
1341	9/2/2010 9:16	16.64	49.43	32.38		7.89	43.4	2.69	74.7
1342	9/2/2010 9:31	16.89	49.59	32.49		7.88	19.0	2.65	74.5
1343	9/2/2010 9:46	17.00	49.70	32.58		7.87	7.4	2.63	73.7
1344	9/2/2010 10:01	17.00	49.35	32.32		7.87	5.0	2.60	73.9
1345	9/2/2010 10:16	17.02	49.48	32.41		7.88	11.6	2.56	73.9
1346	9/2/2010 10:31	17.08	49.41	32.37		7.88	23.8	2.53	74.4
1347	9/2/2010 10:46	17.21	49.02	32.08		7.87	43.5	2.52	75.0
1348	9/2/2010 11:01	17.33	49.57	32.49		7.87	40.0	2.49	75.6
1349	9/2/2010 11:16	17.47	49.67	32.56		7.86	24.4	2.46	75.5
1350	9/2/2010 11:31	17.58	49.55	32.47		7.87	8.8	2.46	76.7
1351	9/2/2010 11:46	17.61	49.60	32.51		7.84	12.5	2.47	74.7
1352	9/2/2010 12:01	17.62	49.85	32.69		7.85	6.5	2.46	75.7
1353	9/2/2010 12:16	17.34	49.76	32.62		7.86	7.2	2.46	74.7
1354	9/2/2010 12:31	17.36	49.59	32.50		7.87	16.7	2.48	75.0
1355	9/2/2010 12:46	17.44	49.60	32.51		7.88	10.9	2.50	77.4
1356	9/2/2010 13:01	17.57	49.41	32.37		7.89	5.9	2.53	77.9
1357	9/2/2010 13:16	17.37	49.28	32.27		7.89	11.4	2.55	76.9
1358	9/2/2010 13:31	17.33	49.77	32.63		7.88	7.0	2.59	77.1
1359	9/2/2010 13:46	17.21	49.21	32.22		7.89	5.9	2.64	77.1
1360	9/2/2010 14:01	17.37	49.56	32.48		7.90	5.9	2.68	79.2
1361	9/2/2010 14:16	17.09	49.47	32.41		7.89	5.6	2.73	76.5
1362	9/2/2010 14:31	16.85	49.67	32.55		7.89	5.1	2.77	75.4
1363	9/2/2010 14:46	16.61	49.44	32.38		7.89	4.9	2.82	75.9
1364	9/2/2010 15:01	16.65	49.46	32.40		7.90	4.8	2.87	78.3
1365	9/2/2010 15:16	16.60	49.37	32.33		7.91	4.3	2.92	80.3
1366	9/2/2010 15:31	15.68	49.61	32.50		7.90	4.0	2.97	78.4
1367	9/2/2010 15:46	15.59	49.56	32.46		7.91	4.2	3.03	80.1
1368	9/2/2010 16:01	15.15	49.55	32.44		7.90	3.8	3.09	79.6
1369	9/2/2010 16:16	14.96	49.33	32.27		7.91	4.2	3.14	80.3
1370	9/2/2010 16:31	15.08	49.35	32.29		7.92	3.2	3.20	81.5
1371	9/2/2010 16:46	15.24	49.21	32.19		7.93	4.9	3.25	83.1
1372	9/2/2010 17:01	14.94	49.23	32.20		7.93	2.6	3.31	83.7
1373	9/2/2010 17:16	13.94	49.86	32.63		7.91	2.9	3.35	80.0
1374	9/2/2010 17:31	13.82	49.19	32.14		7.91	3.1	3.40	79.7
1375	9/2/2010 17:46	14.16	49.42	32.31		7.92	2.2	3.43	80.8
1376	9/2/2010 18:01	14.09	49.26	32.20		7.92	1.9	3.46	80.9
1377	9/2/2010 18:16	13.82	49.53	32.39		7.92	1.1	3.48	79.7

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	
1378	9/2/2010 18:31	14.02	49.55	32.41		7.92	2.1	3.48	80.1
1379	9/2/2010 18:46	13.65	49.45	32.32		7.89	2.3	3.47	75.6
1380	9/2/2010 19:01	13.54	49.77	32.55		7.89	1.6	3.46	76.1
1381	9/2/2010 19:16	14.22	49.44	32.33		7.92	3.7	3.43	80.4
1382	9/2/2010 19:31	14.99	49.84	32.64		7.93	2.9	3.38	82.8
1383	9/2/2010 19:46	15.02	49.48	32.39		7.92	3.6	3.33	81.1
1384	9/2/2010 20:01	15.14	49.78	32.60		7.92	4.3	3.27	81.2
1385	9/2/2010 20:16	15.63	49.47	32.39		7.93	4.2	3.22	83.0
1386	9/2/2010 20:31	16.29	50.26	32.98		7.94	4.9	3.13	85.2
1387	9/2/2010 20:46	17.24	50.03	32.82		7.95	6.8	3.06	87.5
1388	9/2/2010 21:01	17.19	50.14	32.90		7.95	4.8	2.99	86.3
1389	9/2/2010 21:16	17.17	50.07	32.85		7.94	5.1	2.91	85.4
1390	9/2/2010 21:31	17.26	50.21	32.95		7.94	6.0	2.83	84.9
1391	9/2/2010 21:46	17.34	50.50	33.17		7.93	5.7	2.75	84.0
1392	9/2/2010 22:01	17.64	50.07	32.85		7.94	6.5	2.66	85.2
1393	9/2/2010 22:16	17.79	50.18	32.94		7.96	6.7	2.57	88.3
1394	9/2/2010 22:31	17.74	50.17	32.93		7.94	6.0	2.48	86.2
1395	9/2/2010 22:46	17.51	50.19	32.94		7.92	9.1	2.39	82.8
1396	9/2/2010 23:01	17.77	50.32	33.04		7.90	7.7	2.29	80.5
1397	9/2/2010 23:16	17.61	50.30	33.02		7.89	7.4	2.19	79.0
1398	9/2/2010 23:31	17.91	50.03	32.82		7.89	8.6	2.09	79.1
1399	9/2/2010 23:46	18.01	50.09	32.87		7.89	7.8	1.98	78.4
1400	9/3/2010 0:01	18.05	50.14	32.91		7.89	7.5	1.90	77.9
1401	9/3/2010 0:16	18.25	50.22	32.97		7.88	6.6	1.80	77.6
1402	9/3/2010 0:31	18.40	50.08	32.87		7.88	5.8	1.72	77.1
1403	9/3/2010 0:46	18.67	50.23	32.97		7.88	5.7	1.66	77.8
1404	9/3/2010 1:01	18.93	50.37	33.08		7.89	5.1	1.59	78.2
1405	9/3/2010 1:16	19.28	50.32	33.05		7.89	8.8	1.55	79.6
1406	9/3/2010 1:31	19.30	50.18	32.94		7.89	5.0	1.53	79.3
1407	9/3/2010 1:46	19.44	50.04	32.83		7.90	4.3	1.51	79.7
1408	9/3/2010 2:01	19.43	50.54	33.20		7.89	4.2	1.52	78.8
1409	9/3/2010 2:16	19.43	50.41	33.11		7.90	4.8	1.52	80.2
1410	9/3/2010 2:31	19.43	50.74	33.36		7.90	4.7	1.55	81.0
1411	9/3/2010 2:46	19.35	50.44	33.13		7.89	4.9	1.60	79.6
1412	9/3/2010 3:01	19.28	50.64	33.28		7.89	4.9	1.62	80.1
1413	9/3/2010 3:16	19.26	50.50	33.17		7.89	5.6	1.68	80.3
1414	9/3/2010 3:31	19.21	50.40	33.11		7.89	5.1	1.74	79.7
1415	9/3/2010 3:46	19.37	50.28	33.01		7.88	6.1	1.79	79.2
1416	9/3/2010 4:01	19.23	50.34	33.06		7.88	6.8	1.84	78.7
1417	9/3/2010 4:16	19.25	50.54	33.20		7.88	6.3	1.90	77.9
1418	9/3/2010 4:31	19.26	50.29	33.02		7.87	6.4	1.96	77.3
1419	9/3/2010 4:46	19.21	50.23	32.97		7.88	6.1	2.03	78.6
1420	9/3/2010 5:01	18.99	50.47	33.16		7.88	6.2	2.09	77.6
1421	9/3/2010 5:16	18.80	50.38	33.09		7.88	6.6	2.15	77.4
1422	9/3/2010 5:31	18.66	50.45	33.14		7.87	7.0	2.22	77.0
1423	9/3/2010 5:46	18.36	50.37	33.08		7.87	7.9	2.29	76.6
1424	9/3/2010 6:01	18.12	50.52	33.19		7.88	8.1	2.35	76.9
1425	9/3/2010 6:16	17.89	50.55	33.21		7.88	7.3	2.41	76.8
1426	9/3/2010 6:31	17.71	50.30	33.03		7.89	5.9	2.48	77.2
1427	9/3/2010 6:46	17.58	49.78	32.65		7.89	4.4	2.54	77.6
1428	9/3/2010 7:01	17.50	50.32	33.03		7.90	4.3	2.60	77.7
1429	9/3/2010 7:16	17.42	50.04	32.83		7.90	4.1	2.64	77.8
1430	9/3/2010 7:31	17.24	50.37	33.07		7.90	4.5	2.70	77.5

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	
1431	9/3/2010 7:46	17.09	50.25	32.98		7.89	4.2	2.75	76.9
1432	9/3/2010 8:01	16.94	50.22	32.96		7.89	3.7	2.78	76.3
1433	9/3/2010 8:16	16.84	50.31	33.03		7.89	3.7	2.81	75.9
1434	9/3/2010 8:31	16.72	50.21	32.95		7.88	3.2	2.85	75.5
1435	9/3/2010 8:46	16.55	50.25	32.98		7.89	2.9	2.87	75.5
1436	9/3/2010 9:01	16.39	50.15	32.90		7.88	2.1	2.87	74.8
1437	9/3/2010 9:16	16.47	50.16	32.91		7.88	2.4	2.90	73.6
1438	9/3/2010 9:31	16.48	50.12	32.88		7.87	2.6	2.89	73.0
1439	9/3/2010 9:46	16.39	50.00	32.79		7.87	3.0	2.88	73.1
1440	9/3/2010 10:01	16.49	50.13	32.88		7.88	3.4	2.87	73.7
1441	9/3/2010 10:16	16.65	49.75	32.61		7.88	3.8	2.83	73.9
1442	9/3/2010 10:31	16.91	50.08	32.86		7.89	3.4	2.80	75.1
1443	9/3/2010 10:46	17.13	49.92	32.74		7.89	3.3	2.76	75.9
1444	9/3/2010 11:01	17.25	50.19	32.94		7.89	3.7	2.72	76.7
1445	9/3/2010 11:16	17.40	50.36	33.07		7.89	4.5	2.68	77.4
1446	9/3/2010 11:31	17.58	50.07	32.85		7.90	3.7	2.63	79.4
1447	9/3/2010 11:46	17.71	50.36	33.06		7.90	3.5	2.59	80.2
1448	9/3/2010 12:01	17.91	50.11	32.88		7.91	3.3	2.56	82.3
1449	9/3/2010 12:16	18.18	50.04	32.84		7.92	3.4	2.54	85.3
1450	9/3/2010 12:31	18.31	50.45	33.14		7.92	3.7	2.50	84.9
1451	9/3/2010 12:46	18.50	49.78	32.65		7.93	4.3	2.49	85.9
1452	9/3/2010 13:01	18.50	50.01	32.82		7.92	3.7	2.48	83.7
1453	9/3/2010 13:16	18.51	50.26	33.00		7.94	3.8	2.48	87.3
1454	9/3/2010 13:31	18.29	49.99	32.80		7.93	3.8	2.49	87.0
1455	9/3/2010 13:46	18.20	50.07	32.86		7.91	3.8	2.49	83.0
1456	9/3/2010 14:01	18.08	50.03	32.83		7.91	3.8	2.52	82.3
1457	9/3/2010 14:16	18.04	50.60	33.24		7.90	4.0	2.54	80.2
1458	9/3/2010 14:31	18.10	50.32	33.04		7.91	4.0	2.57	80.6
1459	9/3/2010 14:46	18.03	50.01	32.81		7.90	3.8	2.60	79.5
1460	9/3/2010 15:01	17.86	50.40	33.10		7.90	4.5	2.65	78.8
1461	9/3/2010 15:16	17.80	50.16	32.92		7.90	4.1	2.69	79.0
1462	9/3/2010 15:31	17.66	50.21	32.96		7.89	4.0	2.73	77.4
1463	9/3/2010 15:46	17.41	50.36	33.07		7.88	4.0	2.78	75.9
1464	9/3/2010 16:01	17.02	49.88	32.71		7.88	4.2	2.84	74.8
1465	9/3/2010 16:16	16.94	49.63	32.53		7.89	3.4	2.88	76.4
1466	9/3/2010 16:31	16.48	49.66	32.54		7.88	3.3	2.94	76.2
1467	9/3/2010 16:46	15.93	50.10	32.85		7.89	4.0	3.00	76.8
1468	9/3/2010 17:01	15.55	50.23	32.94		7.90	3.2	3.07	77.6
1469	9/3/2010 17:16	15.38	49.98	32.75		7.90	3.1	3.12	77.9
1470	9/3/2010 17:31	15.23	49.87	32.67		7.91	3.1	3.19	78.4
1471	9/3/2010 17:46	15.05	50.21	32.92		7.91	3.2	3.25	79.1
1472	9/3/2010 18:01	14.71	50.00	32.76		7.91	3.1	3.31	79.2
1473	9/3/2010 18:16	14.30	50.17	32.87		7.90	3.0	3.36	78.3
1474	9/3/2010 18:31	13.93	50.24	32.91		7.90	3.5	3.42	77.4
1475	9/3/2010 18:46	13.80	50.17	32.85		7.89	2.9	3.46	77.1
1476	9/3/2010 19:01	13.65	50.11	32.80		7.89	2.6	3.49	76.8
1477	9/3/2010 19:16	13.55	49.83	32.60		7.89	2.3	3.53	76.1
1478	9/3/2010 19:31	13.41	50.44	33.04		7.89	2.6	3.54	76.0
1479	9/3/2010 19:46	13.41	50.38	32.99		7.88	1.2	3.56	75.0
1480	9/3/2010 20:01	13.49	50.25	32.90		7.87	1.5	3.55	74.1
1481	9/3/2010 20:16	13.46	50.28	32.92		7.87	2.1	3.53	74.5
1482	9/3/2010 20:31	13.53	50.35	32.98		7.88	3.2	3.49	75.3
1483	9/3/2010 20:46	14.54	50.00	32.75		7.90	2.7	3.44	77.2

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	
1484	9/3/2010 21:01	15.38	49.96	32.74		7.88	2.7	3.39	75.3
1485	9/3/2010 21:16	15.32	50.11	32.85		7.92	4.3	3.31	80.0
1486	9/3/2010 21:31	16.00	50.40	33.07		7.94	4.7	3.24	82.9
1487	9/3/2010 21:46	16.06	50.05	32.82		7.93	6.9	3.16	81.5
1488	9/3/2010 22:01	16.20	50.20	32.93		7.92	4.5	3.07	80.7
1489	9/3/2010 22:16	16.66	50.07	32.85		7.92	4.2	2.99	80.8
1490	9/3/2010 22:31	16.78	50.10	32.87		7.92	4.2	2.90	80.3
1491	9/3/2010 22:46	17.20	50.12	32.89		7.92	5.1	2.80	80.2
1492	9/3/2010 23:01	17.45	49.73	32.60		7.92	6.8	2.71	80.8
1493	9/3/2010 23:16	17.32	50.25	32.98		7.92	4.8	2.60	81.5
1494	9/3/2010 23:31	17.28	50.06	32.84		7.90	5.9	2.50	78.9
1495	9/3/2010 23:46	17.18	49.88	32.71		7.89	30.1	2.39	77.4
1496	9/4/2010 0:01	17.31	49.84	32.68		7.90	7.9	2.28	78.4
1497	9/4/2010 0:16	17.45	50.15	32.91		7.90	7.4	2.16	78.9
1498	9/4/2010 0:31	17.60	50.29	33.01		7.90	6.6	2.05	78.6
1499	9/4/2010 0:46	17.87	50.44	33.13		7.90	6.9	1.93	78.7
1500	9/4/2010 1:01	17.98	50.18	32.94		7.90	5.9	1.82	78.0
1501	9/4/2010 1:16	18.25	50.07	32.86		7.89	5.3	1.72	77.9
1502	9/4/2010 1:31	18.51	50.50	33.17		7.89	5.8	1.61	77.8
1503	9/4/2010 1:46	18.78	50.24	32.98		7.89	5.3	1.54	78.4
1504	9/4/2010 2:01	19.07	50.18	32.94		7.91	4.9	1.47	79.5
1505	9/4/2010 2:16	19.27	50.11	32.89		7.91	22.2	1.40	79.9
1506	9/4/2010 2:31	19.40	50.51	33.18		7.91	4.6	1.38	80.5
1507	9/4/2010 2:46	19.56	50.54	33.21		7.92	4.7	1.36	81.9
1508	9/4/2010 3:01	19.51	50.21	32.96		7.92	4.2	1.36	80.0
1509	9/4/2010 3:16	19.57	50.35	33.06		7.92	3.8	1.38	81.9
1510	9/4/2010 3:31	19.56	50.59	33.24		7.92	3.7	1.40	82.1
1511	9/4/2010 3:46	19.51	50.12	32.90		7.92	3.4	1.45	82.1
1512	9/4/2010 4:01	19.54	50.21	32.97		7.93	3.7	1.50	82.8
1513	9/4/2010 4:16	19.52	50.44	33.13		7.93	3.8	1.57	82.8
1514	9/4/2010 4:31	19.50	50.31	33.04		7.92	10.6	1.62	81.9
1515	9/4/2010 4:46	19.59	50.07	32.86		7.90	4.5	1.69	80.6
1516	9/4/2010 5:01	19.50	50.33	33.05		7.90	4.9	1.76	79.9
1517	9/4/2010 5:16	19.44	50.28	33.01		7.89	5.1	1.82	78.8
1518	9/4/2010 5:31	19.34	50.56	33.22		7.90	5.0	1.90	79.2
1519	9/4/2010 5:46	19.15	50.26	33.00		7.90	5.1	1.97	78.9
1520	9/4/2010 6:01	19.03	50.34	33.06		7.90	4.8	2.05	78.5
1521	9/4/2010 6:16	18.86	50.31	33.03		7.90	5.2	2.13	78.2
1522	9/4/2010 6:31	18.74	50.14	32.91		7.89	6.6	2.21	77.5
1523	9/4/2010 6:46	18.28	50.25	32.99		7.89	6.3	2.28	76.8
1524	9/4/2010 7:01	18.03	50.46	33.14		7.89	5.6	2.37	76.1
1525	9/4/2010 7:16	17.89	50.00	32.80		7.89	4.3	2.44	75.8
1526	9/4/2010 7:31	17.75	50.34	33.05		7.89	4.5	2.51	75.8
1527	9/4/2010 7:46	17.66	50.13	32.90		7.89	4.5	2.59	75.5
1528	9/4/2010 8:01	17.45	50.14	32.91		7.89	3.8	2.65	75.2
1529	9/4/2010 8:16	17.13	49.93	32.75		7.88	4.5	2.72	74.2
1530	9/4/2010 8:31	17.03	49.86	32.69		7.88	3.9	2.77	73.7
1531	9/4/2010 8:46	16.84	50.15	32.90		7.87	4.1	2.82	73.3
1532	9/4/2010 9:01	16.56	50.36	33.05		7.88	3.9	2.87	73.4
1533	9/4/2010 9:16	16.37	50.26	32.98		7.88	4.0	2.92	73.4
1534	9/4/2010 9:31	16.22	49.93	32.74		7.88	2.8	2.97	73.2
1535	9/4/2010 9:46	16.15	49.91	32.72		7.87	2.6	2.99	72.6
1536	9/4/2010 10:01	16.03	49.91	32.72		7.86	1.8	3.02	70.5

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	
1537	9/4/2010 10:16	15.90	50.29	32.99		7.85	2.1	3.03	67.7
1538	9/4/2010 10:31	16.03	50.05	32.82		7.87	2.6	3.03	71.7
1539	9/4/2010 10:46	15.81	50.21	32.93		7.86	3.8	3.00	71.1
1540	9/4/2010 11:01	15.98	50.06	32.83		7.86	4.4	2.97	71.5
1541	9/4/2010 11:16	16.14	50.20	32.93		7.86	3.8	2.94	71.5
1542	9/4/2010 11:31	16.51	49.96	32.77		7.86	3.8	2.88	72.3
1543	9/4/2010 11:46	16.88	50.23	32.97		7.86	4.5	2.80	73.0
1544	9/4/2010 12:01	16.96	50.19	32.94		7.88	3.7	2.75	74.8
1545	9/4/2010 12:16	17.10	50.28	33.01		7.89	4.4	2.70	76.1
1546	9/4/2010 12:31	17.21	50.15	32.91		7.90	3.1	2.64	77.7
1547	9/4/2010 12:46	17.31	49.85	32.69		7.90	3.5	2.58	78.1
1548	9/4/2010 13:01	17.37	50.02	32.82		7.92	3.2	2.53	81.1
1549	9/4/2010 13:16	17.47	49.86	32.70		7.94	3.1	2.50	83.4
1550	9/4/2010 13:31	17.66	50.18	32.94		7.93	3.2	2.45	82.1
1551	9/4/2010 13:46	17.84	50.16	32.92		7.92	3.1	2.41	81.2
1552	9/4/2010 14:01	17.97	50.31	33.03		7.93	3.5	2.39	81.9
1553	9/4/2010 14:16	18.08	50.43	33.12		7.92	2.9	2.37	80.8
1554	9/4/2010 14:31	18.21	50.38	33.09		7.91	2.9	2.35	79.5
1555	9/4/2010 14:46	18.29	50.46	33.14		7.91	3.0	2.35	79.6
1556	9/4/2010 15:01	18.29	50.16	32.93		7.93	4.7	2.35	82.7
1557	9/4/2010 15:16	18.29	50.24	32.99		7.92	3.9	2.39	80.1
1558	9/4/2010 15:31	18.16	50.26	33.00		7.91	3.8	2.40	78.6
1559	9/4/2010 15:46	18.14	50.51	33.18		7.89	3.7	2.43	76.3
1560	9/4/2010 16:01	18.02	50.50	33.17		7.89	4.5	2.49	75.7
1561	9/4/2010 16:16	17.86	50.07	32.86		7.89	5.4	2.54	75.1
1562	9/4/2010 16:31	17.73	49.93	32.75		7.89	4.5	2.60	75.0
1563	9/4/2010 16:46	17.63	50.18	32.93		7.89	6.5	2.65	75.2
1564	9/4/2010 17:01	17.45	50.18	32.93		7.88	4.7	2.72	74.8
1565	9/4/2010 17:16	17.11	49.94	32.75		7.88	5.1	2.79	74.0
1566	9/4/2010 17:31	16.63	50.15	32.90		7.88	4.8	2.85	73.8
1567	9/4/2010 17:46	16.20	50.06	32.83		7.88	4.9	2.92	73.7
1568	9/4/2010 18:01	15.97	50.15	32.89		7.89	4.6	2.98	75.1
1569	9/4/2010 18:16	15.45	50.12	32.86		7.89	4.0	3.05	75.2
1570	9/4/2010 18:31	15.23	50.38	33.05		7.89	4.1	3.12	74.9
1571	9/4/2010 18:46	14.95	49.92	32.70		7.89	4.1	3.19	74.7
1572	9/4/2010 19:01	14.58	50.01	32.76		7.89	4.3	3.26	75.6
1573	9/4/2010 19:16	14.18	50.10	32.81		7.89	4.8	3.32	75.2
1574	9/4/2010 19:31	13.94	49.65	32.48		7.91	4.8	3.39	78.7
1575	9/4/2010 19:46	13.67	50.11	32.80		7.91	5.1	3.45	79.3
1576	9/4/2010 20:01	13.49	50.04	32.75		7.91	4.1	3.50	79.4
1577	9/4/2010 20:16	13.21	50.12	32.79		7.91	3.7	3.55	79.8
1578	9/4/2010 20:31	13.12	50.17	32.83		7.91	2.2	3.59	79.3
1579	9/4/2010 20:46	13.02	50.33	32.94		7.91	2.0	3.62	78.6
1580	9/4/2010 21:01	12.99	50.13	32.80		7.91	1.9	3.63	78.0
1581	9/4/2010 21:16	13.14	50.00	32.70		7.90	2.6	3.62	76.8
1582	9/4/2010 21:31	13.08	49.90	32.63		7.90	2.6	3.61	77.2
1583	9/4/2010 21:46	13.21	49.98	32.69		7.90	3.7	3.56	77.2
1584	9/4/2010 22:01	13.84	50.12	32.81		7.89	3.7	3.49	75.9
1585	9/4/2010 22:16	14.54	50.09	32.82		7.87	4.7	3.41	73.2
1586	9/4/2010 22:31	14.90	50.20	32.91		7.89	4.8	3.32	73.8
1587	9/4/2010 22:46	15.08	50.31	32.99		7.90	4.8	3.24	76.3
1588	9/4/2010 23:01	15.50	50.05	32.81		7.91	5.4	3.13	76.2
1589	9/4/2010 23:16	15.86	49.81	32.64		7.90	4.5	3.03	75.6

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	
1590	9/4/2010 23:31	15.96	49.88	32.69		7.90	4.3	2.93	74.9
1591	9/4/2010 23:46	16.49	50.23	32.96		7.90	5.2	2.82	74.6
1592	9/5/2010 0:01	16.89	50.15	32.90		7.91	5.3	2.72	75.8
1593	9/5/2010 0:16	17.22	49.50	32.43		7.92	6.5	2.60	76.8
1594	9/5/2010 0:31	17.26	50.18	32.93		7.92	6.0	2.49	76.8
1595	9/5/2010 0:46	17.18	49.98	32.79		7.92	7.6	2.37	78.1
1596	9/5/2010 1:01	16.93	49.90	32.72		7.90	8.1	2.24	75.0
1597	9/5/2010 1:16	16.72	49.95	32.76		7.89	8.6	2.12	73.0
1598	9/5/2010 1:31	16.87	49.79	32.64		7.88	7.4	1.98	72.4
1599	9/5/2010 1:46	16.97	50.03	32.82		7.88	8.0	1.85	72.1
1600	9/5/2010 2:01	17.01	50.06	32.84		7.88	7.1	1.73	71.8
1601	9/5/2010 2:16	17.24	50.23	32.97		7.88	6.7	1.60	71.1
1602	9/5/2010 2:31	17.37	50.29	33.01		7.88	6.6	1.49	71.2
1603	9/5/2010 2:46	17.58	50.12	32.89		7.88	6.3	1.38	71.7
1604	9/5/2010 3:01	17.74	50.27	33.00		7.88	6.0	1.30	71.8
1605	9/5/2010 3:16	17.75	50.22	32.96		7.88	5.5	1.23	71.2
1606	9/5/2010 3:31	17.81	50.22	32.97		7.88	5.3	1.19	71.6
1607	9/5/2010 3:46	17.74	50.30	33.02		7.88	4.8	1.18	71.0
1608	9/5/2010 4:01	17.80	50.32	33.04		7.88	4.7	1.17	70.8
1609	9/5/2010 4:16	17.87	50.55	33.21		7.89	4.1	1.22	71.5
1610	9/5/2010 4:31	17.96	50.42	33.12		7.90	4.0	1.28	72.7
1611	9/5/2010 4:46	18.06	50.06	32.85		7.91	4.4	1.34	74.0
1612	9/5/2010 5:01	18.10	50.53	33.19		7.92	4.7	1.41	74.8
1613	9/5/2010 5:16	18.05	50.58	33.23		7.91	4.8	1.49	74.2
1614	9/5/2010 5:31	17.99	50.36	33.07		7.89	6.1	1.56	73.4
1615	9/5/2010 5:46	17.98	50.22	32.97		7.88	7.2	1.63	72.6
1616	9/5/2010 6:01	17.98	50.31	33.04		7.88	7.1	1.71	72.3
1617	9/5/2010 6:16	17.89	49.89	32.72		7.89	6.7	1.79	73.4
1618	9/5/2010 6:31	17.78	50.07	32.86		7.89	5.7	1.87	73.1
1619	9/5/2010 6:46	17.70	50.50	33.17		7.88	5.6	1.97	72.4
1620	9/5/2010 7:01	17.66	50.06	32.85		7.88	5.9	2.06	72.2
1621	9/5/2010 7:16	17.49	50.27	33.00		7.88	6.5	2.14	71.3
1622	9/5/2010 7:31	17.28	50.20	32.95		7.88	6.3	2.25	71.0
1623	9/5/2010 7:46	17.15	50.34	33.05		7.88	6.4	2.35	70.7
1624	9/5/2010 8:01	16.99	50.28	33.00		7.87	6.2	2.42	70.4
1625	9/5/2010 8:16	16.84	50.20	32.94		7.88	5.6	2.51	70.5
1626	9/5/2010 8:31	16.67	50.05	32.83		7.87	6.0	2.60	70.1
1627	9/5/2010 8:46	16.53	50.35	33.05		7.87	6.3	2.68	69.6
1628	9/5/2010 9:01	16.31	50.04	32.82		7.86	6.1	2.75	69.3
1629	9/5/2010 9:16	15.92	50.15	32.89		7.86	7.2	2.83	69.5
1630	9/5/2010 9:31	15.68	50.17	32.90		7.86	6.3	2.89	69.7
1631	9/5/2010 9:46	15.29	50.26	32.96		7.86	5.7	2.96	70.3
1632	9/5/2010 10:01	14.88	50.05	32.79		7.86	4.7	3.01	70.8
1633	9/5/2010 10:16	14.53	49.94	32.70		7.86	5.3	3.05	71.5
1634	9/5/2010 10:31	14.31	50.19	32.89		7.86	3.0	3.10	71.3
1635	9/5/2010 10:46	14.13	50.01	32.75		7.87	2.9	3.13	71.9
1636	9/5/2010 11:01	14.33	50.03	32.76		7.86	3.1	3.15	70.3
1637	9/5/2010 11:16	14.29	50.14	32.84		7.86	3.3	3.14	70.9
1638	9/5/2010 11:31	14.09	49.94	32.69		7.86	5.2	3.11	71.6
1639	9/5/2010 11:46	14.22	49.82	32.61		7.86	5.0	3.07	71.4
1640	9/5/2010 12:01	14.61	49.85	32.64		7.87	6.1	3.01	71.7
1641	9/5/2010 12:16	14.72	49.91	32.69		7.87	6.8	2.94	72.0
1642	9/5/2010 12:31	15.27	50.08	32.83		7.89	5.5	2.87	74.0

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	
1643	9/5/2010 12:46	15.71	50.13	32.88		7.90	6.0	2.79	75.2
1644	9/5/2010 13:01	16.01	50.20	32.93		7.91	8.3	2.71	76.8
1645	9/5/2010 13:16	16.20	50.06	32.83		7.92	5.9	2.64	78.2
1646	9/5/2010 13:31	16.29	49.76	32.61		7.94	6.2	2.56	82.6
1647	9/5/2010 13:46	16.63	49.97	32.77		7.94	6.4	2.51	81.7
1648	9/5/2010 14:01	16.72	49.99	32.78		7.96	7.5	2.43	85.5
1649	9/5/2010 14:16	17.01	50.17	32.92		7.95	7.4	2.37	82.3
1650	9/5/2010 14:31	17.24	49.96	32.77		7.95	8.5	2.31	81.9
1651	9/5/2010 14:46	17.38	50.01	32.81		7.94	9.2	2.25	80.2
1652	9/5/2010 15:01	17.49	49.76	32.63		7.93	7.8	2.21	78.1
1653	9/5/2010 15:16	17.57	50.19	32.94		7.92	7.1	2.16	77.5
1654	9/5/2010 15:31	17.61	50.05	32.84		7.91	7.6	2.13	76.1
1655	9/5/2010 15:46	17.65	49.93	32.75		7.90	6.8	2.12	74.8
1656	9/5/2010 16:01	17.71	50.06	32.84		7.93	7.7	2.13	77.7
1657	9/5/2010 16:16	17.75	50.16	32.92		7.93	10.4	2.14	78.4
1658	9/5/2010 16:31	17.66	49.87	32.71		7.93	9.3	2.17	79.0
1659	9/5/2010 16:46	17.62	50.10	32.88		7.94	8.9	2.21	79.7
1660	9/5/2010 17:01	17.59	50.04	32.83		7.94	9.5	2.28	80.6
1661	9/5/2010 17:16	17.66	50.04	32.83		7.94	9.3	2.34	81.0
1662	9/5/2010 17:31	17.70	50.20	32.95		7.94	8.3	2.41	80.7
1663	9/5/2010 17:46	17.69	50.01	32.81		7.94	8.1	2.48	80.5
1664	9/5/2010 18:01	17.85	49.99	32.80		7.93	8.3	2.56	80.5
1665	9/5/2010 18:16	17.60	50.11	32.89		7.93	9.3	2.63	80.5
1666	9/5/2010 18:31	17.47	50.17	32.93		7.93	7.6	2.69	79.7
1667	9/5/2010 18:46	16.95	50.17	32.92		7.91	16.2	2.78	77.4
1668	9/5/2010 19:01	16.37	50.12	32.88		7.90	7.6	2.86	76.4
1669	9/5/2010 19:16	15.73	50.06	32.82		7.89	7.5	2.93	74.6
1670	9/5/2010 19:31	15.52	50.11	32.85		7.89	6.2	3.01	73.6
1671	9/5/2010 19:46	15.26	50.28	32.97		7.88	6.8	3.10	73.5
1672	9/5/2010 20:01	14.43	49.87	32.65		7.88	8.0	3.18	73.1
1673	9/5/2010 20:16	13.98	49.87	32.64		7.88	8.7	3.26	73.7
1674	9/5/2010 20:31	13.67	49.88	32.64		7.88	8.1	3.34	74.6
1675	9/5/2010 20:46	13.28	50.25	32.89		7.88	8.2	3.42	74.2
1676	9/5/2010 21:01	12.95	50.14	32.80		7.86	8.0	3.50	73.0
1677	9/5/2010 21:16	12.67	50.03	32.71		7.86	7.3	3.55	73.0
1678	9/5/2010 21:31	12.60	49.59	32.39		7.86	6.2	3.60	73.1
1679	9/5/2010 21:46	12.51	50.23	32.85		7.87	3.6	3.64	73.8
1680	9/5/2010 22:01	12.44	50.26	32.87		7.87	2.6	3.66	74.0
1681	9/5/2010 22:16	12.49	49.96	32.65		7.86	3.1	3.66	72.6
1682	9/5/2010 22:31	12.52	50.05	32.71		7.86	3.2	3.64	72.3
1683	9/5/2010 22:46	12.56	49.90	32.61		7.86	4.8	3.61	73.2
1684	9/5/2010 23:01	13.19	49.70	32.48		7.85	6.9	3.56	70.5
1685	9/5/2010 23:16	13.25	50.12	32.80		7.85	10.9	3.46	71.0
1686	9/5/2010 23:31	13.31	49.91	32.64		7.85	8.0	3.37	71.0
1687	9/5/2010 23:46	13.26	49.96	32.68		7.84	9.0	3.27	70.8
1688	9/6/2010 0:01	13.51	49.89	32.64		7.85	5.9	3.17	70.7
1689	9/6/2010 0:16	14.45	49.92	32.69		7.85	10.4	3.04	70.4
1690	9/6/2010 0:31	14.97	49.79	32.61		7.86	13.6	2.93	69.9
1691	9/6/2010 0:46	15.34	49.97	32.75		7.87	14.8	2.81	70.6
1692	9/6/2010 1:01	15.84	50.16	32.90		7.85	13.6	2.69	68.3
1693	9/6/2010 1:16	16.17	50.17	32.91		7.85	18.9	2.57	68.0
1694	9/6/2010 1:31	16.29	50.11	32.87		7.86	20.2	2.45	69.4
1695	9/6/2010 1:46	16.10	49.98	32.77		7.86	16.5	2.30	69.1

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	
1696	9/6/2010 2:01	15.94	50.22	32.94		7.84	14.7	2.17	68.0
1697	9/6/2010 2:16	16.02	50.10	32.86		7.86	16.2	2.02	68.0
1698	9/6/2010 2:31	15.96	50.11	32.87		7.85	15.8	1.89	67.5
1699	9/6/2010 2:46	16.04	50.23	32.95		7.84	16.6	1.74	67.3
1700	9/6/2010 3:01	16.38	49.97	32.77		7.85	16.7	1.59	67.4
1701	9/6/2010 3:16	16.48	49.91	32.73		7.85	16.4	1.46	67.2
1702	9/6/2010 3:31	16.59	50.45	33.13		7.84	12.5	1.35	66.4
1703	9/6/2010 3:46	16.67	50.15	32.90		7.85	10.3	1.25	63.6
1704	9/6/2010 4:01	16.77	49.97	32.77		7.82	10.1	1.14	63.8
1705	9/6/2010 4:16	16.78	50.25	32.98		7.84	9.5	1.11	63.5
1706	9/6/2010 4:31	16.69	49.81	32.66		7.84	11.0	1.08	65.1
1707	9/6/2010 4:46	16.82	50.13	32.89		7.86	13.2	1.06	67.7
1708	9/6/2010 5:01	16.84	50.33	33.04		7.86	12.3	1.12	68.0
1709	9/6/2010 5:16	16.87	49.64	32.53		7.86	12.8	1.18	68.0
1710	9/6/2010 5:31	16.95	50.23	32.96		7.87	14.0	1.25	68.0
1711	9/6/2010 5:46	16.88	50.20	32.94		7.87	12.7	1.33	67.9
1712	9/6/2010 6:01	16.87	50.30	33.02		7.86	12.6	1.40	67.5
1713	9/6/2010 6:16	16.84	50.39	33.08		7.86	12.8	1.50	67.2
1714	9/6/2010 6:31	16.80	50.30	33.01		7.86	13.1	1.59	67.0
1715	9/6/2010 6:46	16.75	50.28	33.00		7.86	12.9	1.67	67.0
1716	9/6/2010 7:01	16.66	50.10	32.86		7.86	12.1	1.76	67.4
1717	9/6/2010 7:16	16.60	50.20	32.94		7.86	12.3	1.86	67.5
1718	9/6/2010 7:31	16.60	50.08	32.85		7.86	12.8	1.96	67.5
1719	9/6/2010 7:46	16.61	49.90	32.72		7.86	13.6	2.07	67.6
1720	9/6/2010 8:01	16.53	50.29	33.01		7.86	13.4	2.16	67.3
1721	9/6/2010 8:16	16.26	49.96	32.76		7.86	12.1	2.28	67.8
1722	9/6/2010 8:31	16.15	50.02	32.80		7.87	12.6	2.39	67.7
1723	9/6/2010 8:46	15.91	50.20	32.93		7.86	13.8	2.48	67.4
1724	9/6/2010 9:01	15.71	49.85	32.67		7.86	13.6	2.58	67.7
1725	9/6/2010 9:16	15.58	49.85	32.66		7.86	14.3	2.68	67.9
1726	9/6/2010 9:31	15.43	50.20	32.91		7.86	15.7	2.76	68.2
1727	9/6/2010 9:46	14.91	50.04	32.79		7.86	17.9	2.85	68.9
1728	9/6/2010 10:01	14.39	50.12	32.84		7.86	16.5	2.93	69.8
1729	9/6/2010 10:16	13.85	49.97	32.71		7.87	14.9	3.01	71.7
1730	9/6/2010 10:31	13.48	49.86	32.61		7.88	13.6	3.08	73.1
1731	9/6/2010 10:46	13.29	49.83	32.59		7.89	12.1	3.15	73.5
1732	9/6/2010 11:01	13.20	49.84	32.59		7.89	10.7	3.21	73.5
1733	9/6/2010 11:16	12.96	50.16	32.81		7.88	7.6	3.25	73.1
1734	9/6/2010 11:31	12.85	49.73	32.50		7.87	6.3	3.29	72.1
1735	9/6/2010 11:46	12.93	49.71	32.49		7.87	4.9	3.31	72.1
1736	9/6/2010 12:01	12.94	49.93	32.65		7.86	3.8	3.28	70.2
1737	9/6/2010 12:16	12.81	49.76	32.52		7.86	7.0	3.24	70.7
1738	9/6/2010 12:31	13.05	49.57	32.39		7.87	10.2	3.18	71.5
1739	9/6/2010 12:46	13.54	49.88	32.63		7.89	10.6	3.10	74.1
1740	9/6/2010 13:01	13.83	49.95	32.70		7.90	12.0	3.02	75.2
1741	9/6/2010 13:16	14.15	49.52	32.39		7.90	12.8	2.92	76.4
1742	9/6/2010 13:31	14.39	49.82	32.62		7.90	14.0	2.83	76.1
1743	9/6/2010 13:46	14.68	49.41	32.32		7.91	13.4	2.73	76.7
1744	9/6/2010 14:01	14.99	50.05	32.80		7.91	14.8	2.64	77.0
1745	9/6/2010 14:16	15.18	49.80	32.62		7.93	18.4	2.55	78.9
1746	9/6/2010 14:31	15.53	49.62	32.50		7.92	17.4	2.46	78.1
1747	9/6/2010 14:46	15.79	49.89	32.70		7.92	25.8	2.36	77.6
1748	9/6/2010 15:01	16.03	49.82	32.65		7.91	29.4	2.27	76.2

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	
1749	9/6/2010 15:16	16.16	49.84	32.67		7.90	31.4	2.18	75.5
1750	9/6/2010 15:31	16.26	50.13	32.88		7.89	30.5	2.10	75.0
1751	9/6/2010 15:46	16.41	50.13	32.89		7.89	25.3	2.03	74.5
1752	9/6/2010 16:01	16.49	49.82	32.66		7.89	19.7	1.95	74.0
1753	9/6/2010 16:16	16.59	49.79	32.64		7.90	14.2	1.92	73.4
1754	9/6/2010 16:31	16.66	49.88	32.71		7.88	11.1	1.87	72.3
1755	9/6/2010 16:46	16.68	49.79	32.64		7.86	8.7	1.86	68.8
1756	9/6/2010 17:01	16.59	49.89	32.71		7.92	14.9	1.88	77.3
1757	9/6/2010 17:16	16.62	49.88	32.71		7.92	14.8	1.89	75.6
1758	9/6/2010 17:31	16.64	49.67	32.55		7.91	14.8	1.93	76.7
1759	9/6/2010 17:46	17.11	49.59	32.50		7.90	15.6	2.00	75.0
1760	9/6/2010 18:01	17.27	49.79	32.64		7.89	22.2	2.07	74.5
1761	9/6/2010 18:16	17.18	49.98	32.78		7.89	17.5	2.15	74.5
1762	9/6/2010 18:31	17.46	49.80	32.65		7.90	17.5	2.24	76.5
1763	9/6/2010 18:46	17.13	50.00	32.80		7.90	21.1	2.34	75.8
1764	9/6/2010 19:01	16.84	50.03	32.82		7.90	19.1	2.42	76.4
1765	9/6/2010 19:16	16.72	49.26	32.26		7.90	17.1	2.50	75.9
1766	9/6/2010 19:31	16.26	49.75	32.60		7.89	28.1	2.59	73.9
1767	9/6/2010 19:46	15.76	49.88	32.69		7.89	26.6	2.68	73.1
1768	9/6/2010 20:01	15.58	49.52	32.42		7.89	19.3	2.77	73.0
1769	9/6/2010 20:16	15.30	49.61	32.48		7.89	17.1	2.86	72.8
1770	9/6/2010 20:31	14.83	49.79	32.60		7.88	20.1	2.95	72.8
1771	9/6/2010 20:46	14.55	49.46	32.35		7.88	17.8	3.04	72.9
1772	9/6/2010 21:01	14.08	49.60	32.45		7.88	21.2	3.14	73.3
1773	9/6/2010 21:16	13.63	49.87	32.63		7.86	17.3	3.24	72.0
1774	9/6/2010 21:31	13.22	49.76	32.53		7.85	15.3	3.33	71.3
1775	9/6/2010 21:46	12.66	49.76	32.51		7.84	11.7	3.42	70.4
1776	9/6/2010 22:01	12.42	49.54	32.34		7.84	14.4	3.51	70.4
1777	9/6/2010 22:16	12.24	49.69	32.44		7.84	10.9	3.58	70.4
1778	9/6/2010 22:31	12.14	49.69	32.43		7.83	6.7	3.64	70.1
1779	9/6/2010 22:46	12.13	50.14	32.76		7.83	5.7	3.69	69.6
1780	9/6/2010 23:01	12.03	50.04	32.69		7.83	3.3	3.72	68.7
1781	9/6/2010 23:16	12.67	49.65	32.43		7.84	3.5	3.73	68.8
1782	9/6/2010 23:31	12.22	49.74	32.48		7.82	3.2	3.71	68.3
1783	9/6/2010 23:46	12.17	49.77	32.50		7.82	6.3	3.67	68.5
1784	9/7/2010 0:01	12.36	49.93	32.62		7.83	8.7	3.60	69.2
1785	9/7/2010 0:16	12.55	49.87	32.59		7.82	11.6	3.51	69.0
1786	9/7/2010 0:31	12.55	49.74	32.49		7.82	7.6	3.41	68.2
1787	9/7/2010 0:46	13.10	49.55	32.37		7.83	11.5	3.28	68.7
1788	9/7/2010 1:01	13.60	50.01	32.73		7.84	18.1	3.16	69.3
1789	9/7/2010 1:16	14.08	49.68	32.50		7.84	17.0	3.03	69.0
1790	9/7/2010 1:31	14.56	49.57	32.44		7.85	20.5	2.90	69.1
1791	9/7/2010 1:46	14.81	49.50	32.39		7.85	20.3	2.77	68.9
1792	9/7/2010 2:01	15.32	49.65	32.51		7.84	18.0	2.64	67.8
1793	9/7/2010 2:16	15.60	49.45	32.38		7.85	19.3	2.51	68.3
1794	9/7/2010 2:31	15.43	49.71	32.56		7.85	22.0	2.36	68.6
1795	9/7/2010 2:46	15.13	49.68	32.53		7.85	16.0	2.22	68.5
1796	9/7/2010 3:01	15.07	49.64	32.50		7.84	15.5	2.08	67.6
1797	9/7/2010 3:16	15.20	49.65	32.51		7.84	16.8	1.92	67.1
1798	9/7/2010 3:31	15.51	49.77	32.61		7.84	16.5	1.78	67.4
1799	9/7/2010 3:46	15.63	49.70	32.56		7.84	17.2	1.63	66.7
1800	9/7/2010 4:01	15.80	49.94	32.73		7.83	15.4	1.48	66.3
1801	9/7/2010 4:16	15.95	49.89	32.70		7.84	14.7	1.34	66.8

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	
1802	9/7/2010 4:31	16.11	49.61	32.50		7.84	12.9	1.23	66.8
1803	9/7/2010 4:46	16.30	49.64	32.52		7.84	10.6	1.15	66.3
1804	9/7/2010 5:01	16.32	49.73	32.59		7.84	9.4	1.07	65.6
1805	9/7/2010 5:16	16.34	49.79	32.63		7.84	8.9	1.01	65.3
1806	9/7/2010 5:31	16.31	49.38	32.34		7.84	9.3	1.04	65.8
1807	9/7/2010 5:46	16.34	49.47	32.40		7.84	9.3	1.08	66.3
1808	9/7/2010 6:01	16.53	49.71	32.58		7.85	9.9	1.15	66.3
1809	9/7/2010 6:16	16.66	49.56	32.47		7.85	11.5	1.26	66.1
1810	9/7/2010 6:31	16.64	49.99	32.78		7.85	11.9	1.35	66.3
1811	9/7/2010 6:46	16.64	49.68	32.56		7.84	11.7	1.44	65.8
1812	9/7/2010 7:01	16.68	50.02	32.81		7.84	12.7	1.54	65.8
1813	9/7/2010 7:16	16.68	49.66	32.54		7.84	12.4	1.61	65.4
1814	9/7/2010 7:31	16.40	49.85	32.68		7.84	12.8	1.73	65.6
1815	9/7/2010 7:46	16.32	49.83	32.66		7.84	10.5	1.84	65.7
1816	9/7/2010 8:01	16.32	49.70	32.57		7.84	10.9	1.92	65.9
1817	9/7/2010 8:16	16.30	49.56	32.47		7.84	10.6	2.03	65.7
1818	9/7/2010 8:31	16.27	49.58	32.48		7.84	11.7	2.16	65.7
1819	9/7/2010 8:46	16.09	49.80	32.64		7.84	12.8	2.27	66.2
1820	9/7/2010 9:01	15.92	50.01	32.79		7.85	12.9	2.38	66.6
1821	9/7/2010 9:16	15.70	49.95	32.74		7.84	15.0	2.49	66.5
1822	9/7/2010 9:31	15.52	49.74	32.59		7.84	17.2	2.60	66.7
1823	9/7/2010 9:46	15.38	49.68	32.54		7.84	17.3	2.71	67.2
1824	9/7/2010 10:01	14.96	49.69	32.53		7.84	22.0	2.81	67.3
1825	9/7/2010 10:16	14.46	49.97	32.73		7.83	20.3	2.91	67.4
1826	9/7/2010 10:31	13.81	49.58	32.42		7.83	19.6	3.01	67.7
1827	9/7/2010 10:46	13.45	49.98	32.70		7.83	20.0	3.09	67.9
1828	9/7/2010 11:01	13.07	49.39	32.26		7.83	17.8	3.18	68.0
1829	9/7/2010 11:16	12.65	49.96	32.66		7.83	19.3	3.27	67.2
1830	9/7/2010 11:31	12.11	49.29	32.15		7.80	16.6	3.34	64.4
1831	9/7/2010 11:46	11.61	49.67	32.40		7.78	12.1	3.41	61.6
1832	9/7/2010 12:01	11.32	49.91	32.55		7.76	6.8	3.46	60.2
1833	9/7/2010 12:16	11.24	49.33	32.13		7.70	4.2	3.48	58.8
1834	9/7/2010 12:31	11.89	49.84	32.53		7.79	5.5	3.48	62.5
1835	9/7/2010 12:46	11.42	49.72	32.42		7.76	4.9	3.46	59.5
1836	9/7/2010 13:01	11.48	49.63	32.36		7.76	8.1	3.40	59.4
1837	9/7/2010 13:16	12.13	49.37	32.20		7.79	12.0	3.32	62.8
1838	9/7/2010 13:31	13.48	49.48	32.34		7.85	13.7	3.23	70.8
1839	9/7/2010 13:46	13.77	49.45	32.33		7.87	11.8	3.12	73.6
1840	9/7/2010 14:01	14.37	49.33	32.26		7.88	12.5	2.98	74.6
1841	9/7/2010 14:16	14.73	49.53	32.41		7.88	11.2	2.89	73.8
1842	9/7/2010 14:31	15.20	49.60	32.48		7.89	9.9	2.77	74.9
1843	9/7/2010 14:46	15.63	49.72	32.57		7.89	10.7	2.66	75.0
1844	9/7/2010 15:01	15.85	49.85	32.67		7.89	11.6	2.54	75.6
1845	9/7/2010 15:16	16.26	49.53	32.44		7.91	17.4	2.43	77.1
1846	9/7/2010 15:31	16.16	49.58	32.48		7.89	9.9	2.33	75.5
1847	9/7/2010 15:46	16.08	49.61	32.50		7.89	8.5	2.22	74.5
1848	9/7/2010 16:01	16.23	49.40	32.35		7.91	10.4	2.10	76.5
1849	9/7/2010 16:16	16.20	49.49	32.41		7.92	9.2	2.01	77.2
1850	9/7/2010 16:31	16.17	49.59	32.49		7.90	10.2	1.90	76.3
1851	9/7/2010 16:46	16.28	49.59	32.49		7.91	7.9	1.79	76.8
1852	9/7/2010 17:01	16.37	49.86	32.69		7.90	7.1	1.73	75.4
1853	9/7/2010 17:16	16.49	49.66	32.54		7.90	7.1	1.68	75.7
1854	9/7/2010 17:31	16.61	49.66	32.54		7.90	6.5	1.64	75.1

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	
1855	9/7/2010 17:46	16.64	49.60	32.50		7.91	7.5	1.63	76.6
1856	9/7/2010 18:01	16.53	49.49	32.42		7.90	7.1	1.65	76.0
1857	9/7/2010 18:16	16.89	49.50	32.43		7.89	9.9	1.70	74.1
1858	9/7/2010 18:31	17.14	49.55	32.47		7.88	10.0	1.76	73.5
1859	9/7/2010 18:46	17.05	49.55	32.47		7.88	19.7	1.84	73.2
1860	9/7/2010 19:01	17.32	49.55	32.47		7.87	29.5	1.94	73.7
1861	9/7/2010 19:16	17.24	49.40	32.36		7.87	20.6	2.04	73.3
1862	9/7/2010 19:31	16.87	49.71	32.58		7.87	10.2	2.14	73.1
1863	9/7/2010 19:46	16.72	49.62	32.52		7.87	9.1	2.23	72.9
1864	9/7/2010 20:01	16.58	49.51	32.43		7.87	9.9	2.33	72.7
1865	9/7/2010 20:16	16.06	49.62	32.50		7.86	11.1	2.43	71.0
1866	9/7/2010 20:31	15.74	49.63	32.51		7.86	10.6	2.53	69.9
1867	9/7/2010 20:46	15.61	49.34	32.30		7.86	13.1	2.63	69.6
1868	9/7/2010 21:01	15.24	49.83	32.64		7.86	12.8	2.73	69.3
1869	9/7/2010 21:16	14.94	49.51	32.41		7.85	18.4	2.83	69.1
1870	9/7/2010 21:31	14.71	49.78	32.59		7.85	15.3	2.93	68.6
1871	9/7/2010 21:46	14.12	49.54	32.40		7.84	17.7	3.03	67.9
1872	9/7/2010 22:01	13.48	49.42	32.30		7.82	15.9	3.14	66.4
1873	9/7/2010 22:16	12.79	49.60	32.40		7.80	15.4	3.24	64.2
1874	9/7/2010 22:31	12.37	49.71	32.46		7.80	15.4	3.35	63.4
1875	9/7/2010 22:46	12.05	49.83	32.53		7.80	12.2	3.44	63.4
1876	9/7/2010 23:01	11.87	49.93	32.60		7.79	9.6	3.54	62.5
1877	9/7/2010 23:16	11.55	49.63	32.37		7.80	10.4	3.62	61.2
1878	9/7/2010 23:31	11.42	49.47	32.24		7.80	8.7	3.69	60.2
1879	9/7/2010 23:46	11.14	49.85	32.50		7.77	4.3	3.73	58.4
1880	9/8/2010 0:01	11.01	49.58	32.30		7.77	4.6	3.78	57.3
1881	9/8/2010 0:16	11.34	49.62	32.35		7.77	3.8	3.78	59.5
1882	9/8/2010 0:31	11.31	49.47	32.24		7.77	3.4	3.75	57.5
1883	9/8/2010 0:46	11.49	49.50	32.27		7.75	7.9	3.69	57.7
1884	9/8/2010 1:01	11.58	49.43	32.22		7.75	7.8	3.62	58.5
1885	9/8/2010 1:16	12.60	49.80	32.54		7.78	8.9	3.52	61.6
1886	9/8/2010 1:31	12.43	49.75	32.49		7.78	6.5	3.39	61.5
1887	9/8/2010 1:46	12.93	49.28	32.17		7.79	16.5	3.27	62.9
1888	9/8/2010 2:01	13.05	49.27	32.17		7.79	15.1	3.15	63.1
1889	9/8/2010 2:16	13.09	49.60	32.41		7.79	17.0	3.02	63.6
1890	9/8/2010 2:31	13.69	49.14	32.10		7.80	12.6	2.88	64.0
1891	9/8/2010 2:46	14.13	49.42	32.31		7.80	14.5	2.74	64.8
1892	9/8/2010 3:01	14.68	49.30	32.24		7.81	16.0	2.62	64.4
1893	9/8/2010 3:16	15.07	49.45	32.36		7.80	19.2	2.47	64.3
1894	9/8/2010 3:31	14.96	49.37	32.30		7.80	14.3	2.33	64.6
1895	9/8/2010 3:46	14.68	49.49	32.39		7.80	20.0	2.19	64.3
1896	9/8/2010 4:01	14.77	49.30	32.25		7.80	13.9	2.04	63.9
1897	9/8/2010 4:16	14.77	49.28	32.23		7.80	16.8	1.90	63.8
1898	9/8/2010 4:31	15.15	49.08	32.09		7.80	10.1	1.74	64.1
1899	9/8/2010 4:46	15.13	49.51	32.41		7.80	9.6	1.60	63.9
1900	9/8/2010 5:01	15.41	49.28	32.25		7.80	12.3	1.48	64.7
1901	9/8/2010 5:16	15.67	49.30	32.27		7.82	10.4	1.35	65.2
1902	9/8/2010 5:31	15.83	49.44	32.37		7.81	9.3	1.24	65.1
1903	9/8/2010 5:46	16.01	49.20	32.20		7.81	8.4	1.17	64.5
1904	9/8/2010 6:01	16.07	49.27	32.25		7.81	8.9	1.12	63.9
1905	9/8/2010 6:16	15.70	49.37	32.32		7.78	16.7	1.11	62.4
1906	9/8/2010 6:31	15.98	49.50	32.41		7.81	9.0	1.16	64.8
1907	9/8/2010 6:46	16.28	49.28	32.26		7.82	8.4	1.21	64.6

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	
1908	9/8/2010 7:01	16.69	49.15	32.17		7.83	9.9	1.32	65.2
1909	9/8/2010 7:16	16.78	49.58	32.49		7.83	12.0	1.42	65.4
1910	9/8/2010 7:31	16.73	49.42	32.37		7.81	12.1	1.52	64.7
1911	9/8/2010 7:46	16.75	49.44	32.39		7.80	22.2	1.62	64.2
1912	9/8/2010 8:01	16.50	49.54	32.45		7.81	27.7	1.74	64.6
1913	9/8/2010 8:16	16.26	49.31	32.28		7.80	16.2	1.85	64.2
1914	9/8/2010 8:31	16.19	49.74	32.60		7.80	12.1	1.95	63.9
1915	9/8/2010 8:46	16.09	49.24	32.23		7.81	12.3	2.07	64.0
1916	9/8/2010 9:01	15.87	49.71	32.57		7.81	13.9	2.18	64.2
1917	9/8/2010 9:16	15.71	49.51	32.42		7.81	15.1	2.31	64.3
1918	9/8/2010 9:31	15.58	49.71	32.57		7.81	15.2	2.42	64.4
1919	9/8/2010 9:46	15.23	49.71	32.56		7.80	21.1	2.54	64.1
1920	9/8/2010 10:01	15.05	49.34	32.28		7.81	38.1	2.65	64.2
1921	9/8/2010 10:16	14.92	49.56	32.44		7.80	22.3	2.76	64.1
1922	9/8/2010 10:31	14.36	49.75	32.56		7.79	17.6	2.87	63.3
1923	9/8/2010 10:46	13.73	49.58	32.42		7.78	16.6	2.98	62.4
1924	9/8/2010 11:01	13.10	49.28	32.18		7.77	19.4	3.09	60.9
1925	9/8/2010 11:16	12.58	49.68	32.45		7.76	22.5	3.20	59.5
1926	9/8/2010 11:31	12.23	49.40	32.23		7.75	19.0	3.29	58.1
1927	9/8/2010 11:46	11.68	49.50	32.28		7.74	22.0	3.39	55.7
1928	9/8/2010 12:01	11.16	49.73	32.42		7.72	12.6	3.49	53.1
1929	9/8/2010 12:16	10.77	49.50	32.23		7.70	13.2	3.56	50.9
1930	9/8/2010 12:31	10.55	49.93	32.53		7.67	11.0	3.62	49.6
1931	9/8/2010 12:46	10.51	49.71	32.36		7.69	9.9	3.66	49.0
1932	9/8/2010 13:01	11.02	49.16	32.00		7.70	8.2	3.68	50.8
1933	9/8/2010 13:16	10.94	49.65	32.34		7.69	5.9	3.66	49.8
1934	9/8/2010 13:31	10.61	49.59	32.28		7.68	8.4	3.61	48.5
1935	9/8/2010 13:46	10.81	49.63	32.32		7.69	14.8	3.55	49.8
1936	9/8/2010 14:01	12.32	49.66	32.42		7.76	15.6	3.44	59.1
1937	9/8/2010 14:16	12.65	49.37	32.23		7.78	11.3	3.32	63.0
1938	9/8/2010 14:31	13.24	49.47	32.32		7.79	11.9	3.20	63.7
1939	9/8/2010 14:46	13.37	49.20	32.13		7.79	14.3	3.07	63.3
1940	9/8/2010 15:01	13.65	49.30	32.21		7.80	14.1	2.94	65.4
1941	9/8/2010 15:16	14.22	49.03	32.03		7.82	13.1	2.82	67.8
1942	9/8/2010 15:31	15.01	49.26	32.22		7.85	13.7	2.69	71.6
1943	9/8/2010 15:46	15.28	49.24	32.22		7.85	13.7	2.57	71.6
1944	9/8/2010 16:01	15.66	49.42	32.36		7.86	14.9	2.43	72.6
1945	9/8/2010 16:16	15.62	49.43	32.36		7.86	14.8	2.30	73.2
1946	9/8/2010 16:31	15.35	49.33	32.28		7.86	11.8	2.18	73.0
1947	9/8/2010 16:46	15.41	49.42	32.35		7.87	14.0	2.04	74.1
1948	9/8/2010 17:01	15.70	49.53	32.43		7.90	13.3	1.92	76.8
1949	9/8/2010 17:16	15.70	49.03	32.07		7.90	12.6	1.78	76.7
1950	9/8/2010 17:31	15.90	49.24	32.22		7.88	11.5	1.68	74.3
1951	9/8/2010 17:46	16.02	48.97	32.03		7.90	13.6	1.56	75.9
1952	9/8/2010 18:01	16.21	49.38	32.33		7.90	12.4	1.48	76.3
1953	9/8/2010 18:16	16.27	49.44	32.38		7.88	9.8	1.43	73.9
1954	9/8/2010 18:31	16.28	49.26	32.25		7.90	8.1	1.40	75.9
1955	9/8/2010 18:46	16.21	49.35	32.31		7.93	11.1	1.41	79.0
1956	9/8/2010 19:01	16.86	49.55	32.47		7.90	9.2	1.45	76.2
1957	9/8/2010 19:16	16.78	49.52	32.45		7.88	10.2	1.52	74.3
1958	9/8/2010 19:31	17.20	49.41	32.37		7.89	11.2	1.61	75.5
1959	9/8/2010 19:46	17.04	49.52	32.45		7.88	14.9	1.71	74.4
1960	9/8/2010 20:01	17.32	49.31	32.30		7.85	11.4	1.82	73.3

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	
1961	9/8/2010 20:16	16.99	49.41	32.37		7.85	12.5	1.93	73.0
1962	9/8/2010 20:31	16.65	49.46	32.40		7.86	10.3	2.04	72.8
1963	9/8/2010 20:46	16.52	49.35	32.32		7.86	13.7	2.15	72.7
1964	9/8/2010 21:01	16.20	49.54	32.45		7.85	13.4	2.25	71.1
1965	9/8/2010 21:16	15.92	49.63	32.51		7.83	15.0	2.37	69.2
1966	9/8/2010 21:31	15.73	49.39	32.33		7.83	13.9	2.47	68.2
1967	9/8/2010 21:46	15.44	49.45	32.37		7.82	15.0	2.58	67.2
1968	9/8/2010 22:01	15.08	49.51	32.41		7.81	12.9	2.69	66.4
1969	9/8/2010 22:16	14.85	49.48	32.38		7.81	15.1	2.78	65.8
1970	9/8/2010 22:31	14.65	49.31	32.25		7.80	26.4	2.89	65.2
1971	9/8/2010 22:46	14.03	49.53	32.39		7.79	75.3	2.99	63.9
1972	9/8/2010 23:01	13.45	49.62	32.44		7.77	16.5	3.09	62.2
1973	9/8/2010 23:16	12.75	49.57	32.38		7.75	15.3	3.20	59.4
1974	9/8/2010 23:31	12.38	49.91	32.61		7.74	14.6	3.30	58.4
1975	9/8/2010 23:46	12.13	49.64	32.40		7.74	11.0	3.40	57.7
1976	9/9/2010 0:01	11.56	49.48	32.26		7.74	25.8	3.49	55.9
1977	9/9/2010 0:16	11.29	49.64	32.36		7.74	21.0	3.57	54.4
1978	9/9/2010 0:31	11.06	49.59	32.31		7.71	6.7	3.64	53.9
1979	9/9/2010 0:46	10.93	49.77	32.43		7.73	6.2	3.69	53.6
1980	9/9/2010 1:01	10.87	49.59	32.30		7.72	3.5	3.72	52.3
1981	9/9/2010 1:16	11.41	49.90	32.55		7.71	4.3	3.72	53.7
1982	9/9/2010 1:31	10.91	49.79	32.45		7.70	4.1	3.69	52.7
1983	9/9/2010 1:46	10.99	49.58	32.30		7.72	5.4	3.64	52.7
1984	9/9/2010 2:01	11.34	49.48	32.25		7.71	8.1	3.54	53.6
1985	9/9/2010 2:16	12.33	49.67	32.43		7.72	13.1	3.44	56.1
1986	9/9/2010 2:31	12.25	49.46	32.28		7.72	9.6	3.32	55.9
1987	9/9/2010 2:46	12.79	49.65	32.43		7.74	17.2	3.19	57.9
1988	9/9/2010 3:01	12.90	49.52	32.35		7.74	15.0	3.06	58.2
1989	9/9/2010 3:16	13.37	49.20	32.13		7.74	12.8	2.92	59.1
1990	9/9/2010 3:31	13.87	49.31	32.23		7.75	13.0	2.81	60.4
1991	9/9/2010 3:46	14.39	49.43	32.33		7.76	15.6	2.66	61.1
1992	9/9/2010 4:01	14.87	49.55	32.43		7.76	17.6	2.53	61.5
1993	9/9/2010 4:16	14.99	49.26	32.22		7.77	14.0	2.40	61.8
1994	9/9/2010 4:31	14.61	49.53	32.41		7.76	11.8	2.25	60.5
1995	9/9/2010 4:46	14.52	49.54	32.42		7.75	13.9	2.11	60.2
1996	9/9/2010 5:01	14.55	49.45	32.35		7.75	11.4	1.97	61.2
1997	9/9/2010 5:16	14.90	49.39	32.32		7.77	12.4	1.84	62.3
1998	9/9/2010 5:31	15.05	49.29	32.25		7.77	11.7	1.69	63.0
1999	9/9/2010 5:46	15.24	49.36	32.30		7.77	9.8	1.58	63.1
2000	9/9/2010 6:01	15.39	49.24	32.22		7.77	8.1	1.46	63.4
2001	9/9/2010 6:16	15.77	49.32	32.28		7.79	9.2	1.37	64.2
2002	9/9/2010 6:31	15.78	49.38	32.33		7.78	8.2	1.32	64.0
2003	9/9/2010 6:46	16.09	49.05	32.09		7.80	8.1	1.28	64.9
2004	9/9/2010 7:01	15.97	49.47	32.39		7.78	7.2	1.30	63.1
2005	9/9/2010 7:16	16.41	49.71	32.58		7.82	8.3	1.33	65.9
2006	9/9/2010 7:31	16.28	49.55	32.46		7.81	15.6	1.40	65.9
2007	9/9/2010 7:46	16.58	49.24	32.24		7.82	9.9	1.51	66.9
2008	9/9/2010 8:01	16.45	49.38	32.34		7.82	10.3	1.60	66.5
2009	9/9/2010 8:16	16.42	49.20	32.21		7.79	15.9	1.70	65.2
2010	9/9/2010 8:31	16.33	49.30	32.28		7.80	12.3	1.83	65.1
2011	9/9/2010 8:46	16.10	49.58	32.48		7.79	14.6	1.93	64.8
2012	9/9/2010 9:01	15.96	49.57	32.47		7.79	8.3	2.03	64.5
2013	9/9/2010 9:16	15.86	49.22	32.21		7.79	11.8	2.16	64.3

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%
2014	9/9/2010 9:31	15.57	49.50	32.41		7.79	12.8	2.28	63.8
2015	9/9/2010 9:46	15.41	49.44	32.37		7.79	12.5	2.39	63.8
2016	9/9/2010 10:01	15.17	49.37	32.31		7.78	15.1	2.51	63.5
2017	9/9/2010 10:16	14.85	49.51	32.40		7.77	15.1	2.63	62.8
2018	9/9/2010 10:31	14.64	49.61	32.47		7.77	15.5	2.74	62.3
2019	9/9/2010 10:46	14.47	49.64	32.49		7.76	14.8	2.85	61.9
2020	9/9/2010 11:01	13.85	49.14	32.10		7.75	16.8	2.96	60.6
	Mean	16.17	50.16	32.89	7.99	7.91	6.4	2.55	87.7
	Minimum	10.51	48.97	32.00	6.30	7.67	0.4	1.01	48.5
	Maximum	19.66	51.54	33.91	10.98	8.13	75.3	3.78	143.5

DO data from 8-30-10 on discarded: DO probe out of calibration

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	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
0	9/9/2010 11:16	13.41	51.71	33.97	7.04	7.79		3.11	83.3
1	9/9/2010 11:31	12.73	51.75	33.97	6.99	7.81		3.23	81.5
2	9/9/2010 11:46	12.34	51.76	33.96	6.92	7.82	11.5	3.33	80.0
3	9/9/2010 12:01	12.04	51.77	33.95	6.83	7.82	10.7	3.44	78.5
4	9/9/2010 12:16	11.83	51.79	33.95	6.80	7.82	10.3	3.54	77.9
5	9/9/2010 12:31	11.48	51.80	33.94	6.99	7.83	9.3	3.64	79.4
6	9/9/2010 12:46	11.22	51.81	33.93	7.26	7.85	7.1	3.73	82.1
7	9/9/2010 13:01	11.14	51.82	33.93	7.43	7.87	4.9	3.80	83.8
8	9/9/2010 13:16	11.04	51.81	33.92	7.56	7.88	3.3	3.85	85.1
9	9/9/2010 13:31	10.99	51.78	33.90	7.62	7.89	2.1	3.89	85.7
10	9/9/2010 13:46	11.51	51.76	33.91	7.38	7.88	3.4	3.88	83.8
11	9/9/2010 14:01	11.15	51.81	33.93	7.53	7.89	3.7	3.86	84.9
12	9/9/2010 14:16	11.14	51.80	33.92	7.52	7.89	4.2	3.79	84.8
13	9/9/2010 14:31	11.68	51.76	33.92	7.42	7.89	8.1	3.69	84.7
14	9/9/2010 14:46	12.60	51.52	33.79	7.75	7.93	6.3	3.58	90.1
15	9/9/2010 15:01	13.01	51.69	33.93	7.83	7.94	6.0	3.46	91.8
16	9/9/2010 15:16	13.37	51.71	33.97	7.83	7.94	7.6	3.32	92.6
17	9/9/2010 15:31	13.48	51.69	33.96	7.51	7.94	9.5	3.18	88.9
18	9/9/2010 15:46	13.58	51.54	33.85	7.81	7.94	6.5	3.05	92.7
19	9/9/2010 16:01	14.14	51.48	33.82	7.95	7.96	6.8	2.91	95.3
20	9/9/2010 16:16	14.70	51.66	33.97	7.98	7.96	8.0	2.78	96.8
21	9/9/2010 16:31	15.46	51.64	33.98	8.30	8.01	7.1	2.63	102.3
22	9/9/2010 16:46	15.52	51.66	33.99	8.08	7.99	8.9	2.49	99.8
23	9/9/2010 17:01	15.44	51.65	33.98	8.24	8.00	7.8	2.34	101.5
24	9/9/2010 17:16	15.40	51.65	33.98	8.50	8.00	7.2	2.21	104.7
25	9/9/2010 17:31	15.63	51.62	33.96	8.83	8.03	7.3	2.05	109.1
26	9/9/2010 17:46	15.96	51.65	34.00	8.53	8.01	9.7	1.91	106.2
27	9/9/2010 18:01	16.24	51.66	34.00	8.20	7.99	8.2	1.79	102.6
28	9/9/2010 18:16	16.31	51.49	33.88	8.29	8.00	8.2	1.65	103.9
29	9/9/2010 18:31	16.47	51.67	34.02	8.18	7.99	8.0	1.53	102.9
30	9/9/2010 18:46	16.69	51.59	33.96	8.20	7.99	7.8	1.42	103.5
31	9/9/2010 19:01	16.88	51.67	34.02	8.25	8.00	7.1	1.36	104.6
32	9/9/2010 19:16	17.03	51.66	34.02	8.25	8.00	6.5	1.32	104.8
33	9/9/2010 19:31	17.33	51.62	33.99	8.38	8.01	5.6	1.31	107.2
34	9/9/2010 19:46	17.52	51.63	34.00	8.50	8.02	6.0	1.35	109.1
35	9/9/2010 20:01	17.69	51.54	33.94	8.61	8.02	5.6	1.43	110.7
36	9/9/2010 20:16	17.80	51.72	34.07	8.85	8.04	6.0	1.52	114.3
37	9/9/2010 20:31	17.64	51.73	34.07	8.63	8.01	5.7	1.62	111.1
38	9/9/2010 20:46	18.09	51.41	33.84	8.24	7.97	8.8	1.73	106.7
39	9/9/2010 21:01	17.73	51.52	33.92	8.24	7.97	7.9	1.83	106.1
40	9/9/2010 21:16	17.29	51.60	33.97	8.18	7.96	7.3	1.95	104.4
41	9/9/2010 21:31	17.12	51.61	33.98	8.12	7.96	7.1	2.05	103.3
42	9/9/2010 21:46	16.97	51.61	33.98	8.11	7.96	6.7	2.15	102.9
43	9/9/2010 22:01	16.45	51.47	33.87	7.88	7.93	7.6	2.27	98.9
44	9/9/2010 22:16	16.19	51.63	33.98	7.73	7.92	7.3	2.39	96.6
45	9/9/2010 22:31	16.08	51.63	33.98	7.66	7.91	8.0	2.49	95.6
46	9/9/2010 22:46	15.82	51.65	33.99	7.60	7.90	8.9	2.60	94.4
47	9/9/2010 23:01	15.46	51.46	33.85	7.55	7.90	8.9	2.70	93.0
48	9/9/2010 23:16	15.25	51.64	33.97	7.49	7.90	9.9	2.81	92.0
49	9/9/2010 23:31	15.03	51.62	33.95	7.46	7.89	11.4	2.91	91.2
50	9/9/2010 23:46	14.37	51.61	33.92	7.55	7.88	11.9	3.01	91.0
51	9/10/2010 0:01	13.80	51.59	33.89	7.56	7.87	10.3	3.11	90.1
52	9/10/2010 0:16	13.31	51.66	33.92	7.61	7.88	10.3	3.20	89.7

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	
53	9/10/2010 0:31	12.94	51.40	33.72	7.75	7.88	8.6	3.30	90.7
54	9/10/2010 0:46	12.59	51.68	33.91	7.96	7.90	7.9	3.39	92.5
55	9/10/2010 1:01	12.17	51.69	33.90	8.00	7.91	7.6	3.47	92.2
56	9/10/2010 1:16	11.80	51.72	33.90	7.99	7.90	5.6	3.55	91.4
57	9/10/2010 1:31	11.60	51.72	33.89	8.02	7.91	4.7	3.61	91.3
58	9/10/2010 1:46	11.47	51.73	33.89	8.06	7.92	3.7	3.65	91.5
59	9/10/2010 2:01	11.46	51.74	33.89	8.04	7.92	2.5	3.67	91.3
60	9/10/2010 2:16	11.82	51.74	33.92	7.82	7.91	3.5	3.66	89.4
61	9/10/2010 2:31	11.46	51.71	33.88	8.04	7.92	3.7	3.62	91.2
62	9/10/2010 2:46	11.66	51.71	33.88	7.92	7.92	4.3	3.55	90.2
63	9/10/2010 3:01	12.28	51.68	33.89	7.71	7.91	7.3	3.46	89.1
64	9/10/2010 3:16	12.91	51.68	33.93	7.48	7.89	7.4	3.34	87.6
65	9/10/2010 3:31	12.98	51.69	33.93	7.53	7.90	8.0	3.22	88.3
66	9/10/2010 3:46	13.43	51.67	33.94	7.48	7.90	8.9	3.09	88.5
67	9/10/2010 4:01	13.86	51.66	33.95	7.37	7.89	8.2	2.97	88.0
68	9/10/2010 4:16	14.59	51.66	33.96	7.11	7.88	8.5	2.85	86.1
69	9/10/2010 4:31	14.83	51.66	33.97	7.10	7.88	7.3	2.73	86.4
70	9/10/2010 4:46	15.17	51.65	33.98	7.07	7.88	7.0	2.61	86.6
71	9/10/2010 5:01	15.39	51.66	33.99	7.04	7.88	7.9	2.48	86.6
72	9/10/2010 5:16	15.59	51.67	34.00	6.91	7.87	7.0	2.36	85.3
73	9/10/2010 5:31	15.37	51.66	33.98	7.05	7.87	7.9	2.23	86.7
74	9/10/2010 5:46	15.22	51.66	33.99	7.01	7.87	7.0	2.10	86.0
75	9/10/2010 6:01	15.34	51.66	33.98	7.01	7.87	7.1	1.98	86.2
76	9/10/2010 6:16	15.54	51.67	34.00	7.06	7.88	6.3	1.86	87.2
77	9/10/2010 6:31	15.68	51.67	34.00	7.02	7.87	5.9	1.76	86.9
78	9/10/2010 6:46	15.73	51.67	34.01	6.95	7.87	5.6	1.66	86.1
79	9/10/2010 7:01	16.07	51.68	34.02	7.05	7.89	5.7	1.59	87.9
80	9/10/2010 7:16	16.46	51.69	34.03	7.13	7.90	5.0	1.55	89.6
81	9/10/2010 7:31	16.62	51.70	34.04	7.21	7.91	5.2	1.53	90.9
82	9/10/2010 7:46	16.49	51.83	34.14	7.11	7.90	4.8	1.54	89.5
83	9/10/2010 8:01	16.76	51.72	34.06	7.28	7.92	4.3	1.58	92.1
84	9/10/2010 8:16	16.72	51.71	34.05	7.29	7.92	4.9	1.67	92.1
85	9/10/2010 8:31	16.73	51.71	34.05	7.27	7.91	5.4	1.74	91.9
86	9/10/2010 8:46	16.62	51.67	34.02	7.24	7.90	5.7	1.84	91.3
87	9/10/2010 9:01	16.67	51.50	33.89	7.06	7.88	9.2	1.96	89.0
88	9/10/2010 9:16	16.38	51.59	33.95	7.10	7.88	7.8	2.07	89.1
89	9/10/2010 9:31	16.14	51.61	33.97	7.07	7.87	7.3	2.18	88.4
90	9/10/2010 9:46	16.07	51.62	33.97	7.06	7.87	6.0	2.28	88.1
91	9/10/2010 10:01	15.67	51.64	33.98	7.06	7.87	6.4	2.40	87.4
92	9/10/2010 10:16	15.47	51.65	33.98	7.11	7.87	6.7	2.51	87.7
93	9/10/2010 10:31	15.27	51.66	33.99	7.15	7.87	7.2	2.61	87.8
94	9/10/2010 10:46	14.99	51.67	33.98	7.16	7.86	8.9	2.72	87.4
95	9/10/2010 11:01	14.66	51.67	33.98	7.18	7.86	9.2	2.83	87.1
96	9/10/2010 11:16	14.51	51.67	33.97	7.22	7.86	10.4	2.94	87.3
97	9/10/2010 11:31	14.12	51.65	33.95	7.31	7.86	11.1	3.04	87.7
98	9/10/2010 11:46	13.44	51.68	33.95	7.50	7.86	10.1	3.15	88.8
99	9/10/2010 12:01	12.85	51.70	33.94	7.67	7.87	9.8	3.27	89.7
100	9/10/2010 12:16	12.50	51.72	33.93	7.84	7.88	11.1	3.37	91.0
101	9/10/2010 12:31	12.11	51.72	33.92	7.98	7.89	8.7	3.49	91.8
102	9/10/2010 12:46	11.75	51.74	33.91	7.88	7.89	8.6	3.60	90.0
103	9/10/2010 13:01	11.27	51.80	33.93	7.75	7.88	7.3	3.70	87.6
104	9/10/2010 13:16	11.14	51.80	33.92	7.66	7.88	5.3	3.79	86.4
105	9/10/2010 13:31	11.01	51.81	33.92	7.71	7.89	4.5	3.86	86.7

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	
106	9/10/2010 13:46	10.91	51.84	33.94	7.79	7.90	3.6	3.93	87.5
107	9/10/2010 14:01	11.00	51.82	33.93	7.82	7.91	1.8	3.96	87.9
108	9/10/2010 14:16	11.53	51.76	33.92	8.04	7.93	2.7	3.97	91.4
109	9/10/2010 14:31	11.13	51.87	33.97	7.73	7.90	2.0	3.96	87.1
110	9/10/2010 14:46	11.19	51.79	33.91	7.70	7.90	3.4	3.90	86.9
111	9/10/2010 15:01	11.23	51.79	33.92	7.85	7.91	5.0	3.82	88.7
112	9/10/2010 15:16	12.08	51.73	33.92	8.45	7.96	5.0	3.72	97.2
113	9/10/2010 15:31	12.33	51.75	33.95	8.67	7.97	6.2	3.59	100.3
114	9/10/2010 15:46	13.20	51.71	33.96	8.81	7.98	7.6	3.46	103.7
115	9/10/2010 16:01	13.17	51.69	33.94	8.69	7.97	7.2	3.32	102.3
116	9/10/2010 16:16	13.13	51.68	33.93	8.73	7.98	5.7	3.19	102.6
117	9/10/2010 16:31	13.38	51.66	33.93	8.82	7.98	5.9	3.06	104.3
118	9/10/2010 16:46	14.03	51.67	33.96	9.08	8.00	6.0	2.91	108.8
119	9/10/2010 17:01	14.66	51.66	33.97	8.91	8.00	5.6	2.78	108.1
120	9/10/2010 17:16	15.04	51.68	33.99	8.81	7.99	7.4	2.64	107.7
121	9/10/2010 17:31	15.29	51.66	33.98	8.91	8.00	8.0	2.48	109.4
122	9/10/2010 17:46	15.17	51.66	33.98	8.98	7.99	9.0	2.34	110.1
123	9/10/2010 18:01	15.61	51.66	33.99	8.83	7.99	10.2	2.19	109.2
124	9/10/2010 18:16	15.60	51.66	33.99	9.12	8.02	8.5	2.04	112.8
125	9/10/2010 18:31	15.91	51.66	34.00	8.96	8.00	8.9	1.90	111.5
126	9/10/2010 18:46	16.00	51.67	34.01	8.89	8.01	7.9	1.76	110.8
127	9/10/2010 19:01	16.15	51.67	34.01	8.67	7.99	7.5	1.61	108.3
128	9/10/2010 19:16	16.30	51.67	34.02	8.48	7.98	7.4	1.48	106.3
129	9/10/2010 19:31	16.57	51.69	34.03	8.39	7.97	8.5	1.38	105.8
130	9/10/2010 19:46	16.79	51.69	34.04	8.30	7.97	8.1	1.29	105.0
131	9/10/2010 20:01	16.86	51.68	34.03	8.29	7.97	9.2	1.24	105.0
132	9/10/2010 20:16	17.37	51.73	34.07	8.44	7.99	5.9	1.25	108.0
133	9/10/2010 20:31	17.37	51.73	34.08	8.59	8.00	5.7	1.27	110.0
134	9/10/2010 20:46	17.44	51.72	34.07	8.51	7.99	5.4	1.34	109.1
135	9/10/2010 21:01	17.54	51.74	34.08	8.61	8.00	5.1	1.44	110.6
136	9/10/2010 21:16	17.48	51.74	34.08	8.61	7.99	5.4	1.53	110.5
137	9/10/2010 21:31	17.67	51.56	33.95	8.32	7.96	7.2	1.63	107.1
138	9/10/2010 21:46	17.76	51.48	33.89	8.15	7.94	7.9	1.73	105.0
139	9/10/2010 22:01	17.42	51.59	33.97	8.28	7.95	7.4	1.83	106.0
140	9/10/2010 22:16	17.12	51.63	34.00	8.29	7.95	6.3	1.93	105.5
141	9/10/2010 22:31	16.98	51.65	34.01	8.31	7.95	5.7	2.03	105.6
142	9/10/2010 22:46	16.80	51.66	34.02	8.32	7.95	6.0	2.14	105.3
143	9/10/2010 23:01	16.32	51.67	34.01	8.17	7.93	6.7	2.24	102.4
144	9/10/2010 23:16	16.16	51.67	34.01	8.09	7.92	6.4	2.34	101.1
145	9/10/2010 23:31	16.07	51.68	34.02	8.08	7.92	6.3	2.45	100.8
146	9/10/2010 23:46	15.87	51.68	34.02	8.04	7.91	7.3	2.56	99.9
147	9/11/2010 0:01	15.54	51.68	34.01	8.03	7.91	7.3	2.65	99.2
148	9/11/2010 0:16	15.39	51.67	34.00	7.99	7.91	7.8	2.75	98.4
149	9/11/2010 0:31	15.20	51.66	33.98	7.99	7.90	8.5	2.85	98.0
150	9/11/2010 0:46	14.75	51.64	33.96	8.02	7.90	9.2	2.94	97.4
151	9/11/2010 1:01	14.19	51.67	33.97	8.02	7.89	8.0	3.03	96.4
152	9/11/2010 1:16	13.53	51.70	33.96	8.00	7.89	8.6	3.12	94.8
153	9/11/2010 1:31	13.16	51.71	33.95	8.05	7.89	7.8	3.20	94.7
154	9/11/2010 1:46	12.86	51.72	33.95	8.10	7.90	6.5	3.28	94.7
155	9/11/2010 2:01	12.47	51.74	33.95	8.05	7.90	7.0	3.36	93.4
156	9/11/2010 2:16	12.16	51.72	33.92	7.77	7.88	5.9	3.42	89.6
157	9/11/2010 2:31	11.78	51.79	33.95	7.52	7.86	4.1	3.47	85.9
158	9/11/2010 2:46	11.56	51.81	33.95	7.34	7.85	2.6	3.50	83.6

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	
159	9/11/2010 3:01	12.22	51.78	33.96	7.54	7.87	3.1	3.50	87.0
160	9/11/2010 3:16	11.55	51.82	33.96	7.17	7.84	2.6	3.48	81.5
161	9/11/2010 3:31	11.77	51.79	33.95	7.24	7.85	3.7	3.44	82.8
162	9/11/2010 3:46	12.21	51.76	33.95	7.38	7.87	4.6	3.36	85.2
163	9/11/2010 4:01	13.43	51.72	33.97	7.58	7.88	5.4	3.26	89.7
164	9/11/2010 4:16	13.34	51.72	33.97	7.66	7.88	7.0	3.16	90.5
165	9/11/2010 4:31	13.70	51.72	33.98	7.60	7.88	5.5	3.06	90.4
166	9/11/2010 4:46	14.05	51.71	33.99	7.58	7.88	6.1	2.94	90.9
167	9/11/2010 5:01	14.45	51.70	33.99	7.51	7.88	6.1	2.83	90.7
168	9/11/2010 5:16	15.12	51.70	34.01	7.21	7.86	5.8	2.73	88.3
169	9/11/2010 5:31	15.35	51.70	34.01	7.28	7.87	5.9	2.62	89.6
170	9/11/2010 5:46	15.61	51.71	34.03	7.02	7.85	5.5	2.50	86.8
171	9/11/2010 6:01	15.68	51.72	34.04	6.98	7.84	5.8	2.39	86.4
172	9/11/2010 6:16	15.65	51.72	34.04	7.01	7.85	5.7	2.31	86.7
173	9/11/2010 6:31	15.56	51.71	34.03	7.09	7.85	5.9	2.19	87.6
174	9/11/2010 6:46	15.52	51.71	34.03	7.22	7.86	6.5	2.08	89.1
175	9/11/2010 7:01	15.44	51.71	34.03	7.12	7.85	5.7	1.99	87.8
176	9/11/2010 7:16	15.54	51.71	34.03	7.17	7.86	5.6	1.91	88.6
177	9/11/2010 7:31	15.70	51.71	34.03	7.22	7.86	5.3	1.83	89.5
178	9/11/2010 7:46	15.98	51.73	34.05	7.29	7.88	4.2	1.77	90.8
179	9/11/2010 8:01	16.22	51.76	34.08	7.29	7.89	4.0	1.75	91.2
180	9/11/2010 8:16	16.34	51.74	34.06	7.35	7.89	3.5	1.75	92.2
181	9/11/2010 8:31	16.14	51.77	34.09	7.33	7.88	3.5	1.75	91.7
182	9/11/2010 8:46	16.35	51.75	34.07	7.43	7.90	3.4	1.82	93.2
183	9/11/2010 9:01	16.31	51.73	34.06	7.34	7.89	4.4	1.87	92.1
184	9/11/2010 9:16	16.25	51.72	34.05	7.39	7.89	4.2	1.95	92.6
185	9/11/2010 9:31	16.15	51.67	34.01	7.37	7.88	5.0	2.04	92.1
186	9/11/2010 9:46	16.19	51.60	33.96	7.27	7.87	6.1	2.14	90.9
187	9/11/2010 10:01	15.94	51.65	33.99	7.29	7.87	6.8	2.24	90.7
188	9/11/2010 10:16	15.80	51.66	34.00	7.28	7.86	5.4	2.33	90.4
189	9/11/2010 10:31	15.73	51.68	34.01	7.31	7.86	5.1	2.44	90.6
190	9/11/2010 10:46	15.40	51.69	34.01	7.38	7.87	5.2	2.53	90.9
191	9/11/2010 11:01	15.13	51.69	34.01	7.48	7.87	5.7	2.64	91.7
192	9/11/2010 11:16	14.98	51.70	34.01	7.53	7.87	5.8	2.73	91.9
193	9/11/2010 11:31	14.78	51.70	34.01	7.57	7.87	6.3	2.83	92.0
194	9/11/2010 11:46	14.41	51.71	34.00	7.58	7.87	7.1	2.94	91.5
195	9/11/2010 12:01	14.16	51.70	33.99	7.61	7.87	8.3	3.03	91.4
196	9/11/2010 12:16	13.65	51.72	33.98	7.60	7.86	9.1	3.13	90.3
197	9/11/2010 12:31	13.07	51.72	33.96	7.54	7.86	8.7	3.24	88.6
198	9/11/2010 12:46	12.41	51.77	33.96	7.47	7.85	7.9	3.35	86.5
199	9/11/2010 13:01	12.02	51.79	33.96	7.42	7.84	6.8	3.45	85.2
200	9/11/2010 13:16	11.60	51.82	33.96	7.37	7.84	6.5	3.56	83.9
201	9/11/2010 13:31	11.41	51.84	33.96	7.32	7.84	5.7	3.65	83.1
202	9/11/2010 13:46	11.20	51.86	33.97	7.26	7.84	4.9	3.74	82.1
203	9/11/2010 14:01	11.02	51.88	33.97	7.29	7.84	4.3	3.82	82.0
204	9/11/2010 14:16	10.97	51.88	33.97	7.33	7.84	3.1	3.88	82.4
205	9/11/2010 14:31	10.92	51.91	33.99	7.32	7.85	2.7	3.93	82.2
206	9/11/2010 14:46	10.88	51.87	33.96	7.27	7.85	2.0	3.95	81.5
207	9/11/2010 15:01	11.34	51.85	33.97	7.34	7.86	2.0	3.95	83.2
208	9/11/2010 15:16	10.93	51.88	33.96	7.25	7.84	2.8	3.92	81.5
209	9/11/2010 15:31	11.03	51.89	33.98	7.25	7.85	2.9	3.86	81.6
210	9/11/2010 15:46	11.24	51.87	33.98	7.38	7.86	3.5	3.77	83.4
211	9/11/2010 16:01	12.28	51.80	33.98	8.44	7.94	5.6	3.66	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	
212	9/11/2010 16:16	12.57	51.80	33.99	8.42	7.95	4.7	3.55	97.9
213	9/11/2010 16:31	12.82	51.76	33.98	8.36	7.94	7.1	3.42	97.7
214	9/11/2010 16:46	12.74	51.76	33.97	8.10	7.92	6.9	3.28	94.5
215	9/11/2010 17:01	12.94	51.76	33.98	8.25	7.93	5.7	3.15	96.6
216	9/11/2010 17:16	13.17	51.76	33.99	8.44	7.95	4.8	3.02	99.4
217	9/11/2010 17:31	13.74	51.74	34.00	8.31	7.94	6.8	2.90	99.0
218	9/11/2010 17:46	14.26	51.72	34.01	8.46	7.96	6.3	2.76	101.9
219	9/11/2010 18:01	14.62	51.72	34.01	8.58	7.95	6.5	2.62	104.0
220	9/11/2010 18:16	14.96	51.71	34.02	8.74	7.97	6.2	2.48	106.7
221	9/11/2010 18:31	14.80	51.72	34.02	8.64	7.96	6.8	2.34	105.2
222	9/11/2010 18:46	14.96	51.71	34.01	8.67	7.96	7.8	2.19	105.8
223	9/11/2010 19:01	15.15	51.72	34.03	8.65	7.97	9.2	2.05	106.0
224	9/11/2010 19:16	15.39	51.73	34.04	8.59	7.97	8.6	1.91	105.7
225	9/11/2010 19:31	15.54	51.72	34.04	8.55	7.96	8.2	1.77	105.6
226	9/11/2010 19:46	15.67	51.72	34.04	8.41	7.96	7.4	1.63	104.1
227	9/11/2010 20:01	15.93	51.72	34.04	8.28	7.95	7.6	1.51	103.1
228	9/11/2010 20:16	16.13	51.73	34.06	8.22	7.94	7.3	1.40	102.7
229	9/11/2010 20:31	16.33	51.74	34.06	8.15	7.94	6.6	1.32	102.3
230	9/11/2010 20:46	16.50	51.72	34.06	8.14	7.94	6.1	1.26	102.4
231	9/11/2010 21:01	16.68	51.71	34.05	8.24	7.95	6.1	1.24	104.0
232	9/11/2010 21:16	16.34	51.74	34.06	8.16	7.94	5.4	1.26	102.4
233	9/11/2010 21:31	17.07	51.78	34.11	8.56	7.98	4.6	1.31	109.0
234	9/11/2010 21:46	16.89	51.76	34.09	8.44	7.96	4.6	1.38	107.0
235	9/11/2010 22:01	16.97	51.76	34.09	8.53	7.97	4.8	1.47	108.3
236	9/11/2010 22:16	16.89	51.76	34.09	8.51	7.97	5.0	1.55	107.9
237	9/11/2010 22:31	17.01	51.59	33.96	8.20	7.93	7.0	1.65	104.2
238	9/11/2010 22:46	16.97	51.57	33.95	8.15	7.93	7.6	1.74	103.4
239	9/11/2010 23:01	16.73	51.65	34.01	8.27	7.94	6.8	1.82	104.5
240	9/11/2010 23:16	16.56	51.66	34.01	8.25	7.93	6.2	1.92	104.0
241	9/11/2010 23:31	16.44	51.68	34.02	8.25	7.93	5.5	2.01	103.7
242	9/11/2010 23:46	16.35	51.69	34.03	8.25	7.93	6.0	2.11	103.6
243	9/12/2010 0:01	15.99	51.69	34.02	8.20	7.92	6.2	2.21	102.1
244	9/12/2010 0:16	15.80	51.70	34.02	8.18	7.92	6.0	2.31	101.5
245	9/12/2010 0:31	15.67	51.70	34.02	8.17	7.92	5.8	2.41	101.1
246	9/12/2010 0:46	15.45	51.71	34.03	8.12	7.91	6.0	2.50	100.1
247	9/12/2010 1:01	15.23	51.71	34.02	8.09	7.91	5.7	2.60	99.3
248	9/12/2010 1:16	14.99	51.71	34.02	8.06	7.90	5.9	2.69	98.5
249	9/12/2010 1:31	14.86	51.70	34.00	8.02	7.90	6.1	2.78	97.7
250	9/12/2010 1:46	14.64	51.69	33.99	7.99	7.90	6.8	2.86	96.8
251	9/12/2010 2:01	14.13	51.70	33.98	7.95	7.89	7.0	2.94	95.5
252	9/12/2010 2:16	13.63	51.73	33.99	7.88	7.88	6.9	3.02	93.6
253	9/12/2010 2:31	13.26	51.75	33.99	7.81	7.87	6.1	3.09	92.1
254	9/12/2010 2:46	12.96	51.76	33.98	7.79	7.87	5.6	3.15	91.3
255	9/12/2010 3:01	12.77	51.76	33.97	7.77	7.87	5.4	3.21	90.7
256	9/12/2010 3:16	12.65	51.75	33.97	7.73	7.87	4.8	3.27	90.0
257	9/12/2010 3:31	12.50	51.72	33.94	7.68	7.87	3.9	3.30	89.2
258	9/12/2010 3:46	12.43	51.76	33.96	7.62	7.87	2.4	3.32	88.3
259	9/12/2010 4:01	12.78	51.76	33.98	7.56	7.87	2.2	3.33	88.3
260	9/12/2010 4:16	12.40	51.76	33.96	7.48	7.86	2.0	3.30	86.7
261	9/12/2010 4:31	12.46	51.75	33.96	7.55	7.86	6.2	3.25	87.6
262	9/12/2010 4:46	12.87	51.71	33.95	7.53	7.86	3.8	3.19	88.1
263	9/12/2010 5:01	13.38	51.71	33.96	7.49	7.86	4.7	3.12	88.5
264	9/12/2010 5:16	13.52	51.72	33.98	7.48	7.86	4.9	3.03	88.6

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	
265	9/12/2010 5:31	13.73	51.72	33.98	7.44	7.86	4.9	2.93	88.6
266	9/12/2010 5:46	13.99	51.71	33.99	7.39	7.86	4.7	2.83	88.4
267	9/12/2010 6:01	14.22	51.73	34.01	7.31	7.85	4.2	2.75	87.9
268	9/12/2010 6:16	14.61	51.69	33.99	7.19	7.85	4.2	2.65	87.1
269	9/12/2010 6:31	14.87	51.72	34.02	7.09	7.84	4.3	2.56	86.4
270	9/12/2010 6:46	14.91	51.76	34.05	7.08	7.84	5.1	2.48	86.4
271	9/12/2010 7:01	14.93	51.88	34.14	7.08	7.84	4.2	2.39	86.4
272	9/12/2010 7:16	14.95	51.81	34.09	7.11	7.84	4.1	2.31	86.8
273	9/12/2010 7:31	14.86	51.80	34.08	7.11	7.84	4.2	2.23	86.7
274	9/12/2010 7:46	14.82	51.70	34.00	7.16	7.84	3.8	2.16	87.1
275	9/12/2010 8:01	14.91	51.84	34.11	7.24	7.85	3.5	2.09	88.4
276	9/12/2010 8:16	14.89	51.80	34.08	7.33	7.86	3.3	2.04	89.4
277	9/12/2010 8:31	15.12	51.72	34.02	7.47	7.88	3.2	1.99	91.4
278	9/12/2010 8:46	15.30	51.72	34.03	7.55	7.89	3.0	1.97	92.8
279	9/12/2010 9:01	15.50	51.69	34.02	7.57	7.89	3.1	1.97	93.3
280	9/12/2010 9:16	15.53	51.72	34.04	7.57	7.89	3.0	1.99	93.4
281	9/12/2010 9:31	15.51	51.71	34.03	7.57	7.89	3.4	2.02	93.5
282	9/12/2010 9:46	15.55	51.71	34.03	7.57	7.89	3.6	2.08	93.5
283	9/12/2010 10:01	15.59	51.70	34.02	7.61	7.89	3.7	2.15	94.0
284	9/12/2010 10:16	15.51	51.70	34.02	7.60	7.88	4.6	2.24	93.9
285	9/12/2010 10:31	15.50	51.65	33.98	7.54	7.88	5.3	2.32	93.1
286	9/12/2010 10:46	15.34	51.69	34.01	7.56	7.87	4.7	2.41	92.9
287	9/12/2010 11:01	15.16	51.70	34.01	7.54	7.87	4.3	2.49	92.4
288	9/12/2010 11:16	14.98	51.69	34.00	7.53	7.87	4.3	2.57	92.0
289	9/12/2010 11:31	14.73	51.69	33.99	7.58	7.87	4.3	2.66	92.1
290	9/12/2010 11:46	14.52	51.67	33.97	7.67	7.87	4.3	2.74	92.8
291	9/12/2010 12:01	14.39	51.70	33.99	7.67	7.87	4.4	2.83	92.6
292	9/12/2010 12:16	14.27	51.70	33.98	7.73	7.88	4.8	2.91	93.0
293	9/12/2010 12:31	13.93	51.71	33.98	7.70	7.87	5.2	3.01	92.1
294	9/12/2010 12:46	13.54	51.70	33.96	7.68	7.87	6.2	3.09	91.0
295	9/12/2010 13:01	13.32	51.72	33.97	7.65	7.86	6.5	3.19	90.3
296	9/12/2010 13:16	12.63	51.76	33.97	7.59	7.85	7.1	3.28	88.3
297	9/12/2010 13:31	12.26	51.78	33.97	7.59	7.85	6.2	3.38	87.7
298	9/12/2010 13:46	11.76	51.80	33.96	7.62	7.85	5.8	3.47	87.0
299	9/12/2010 14:01	11.52	51.84	33.97	7.68	7.86	4.8	3.56	87.3
300	9/12/2010 14:16	11.25	51.85	33.96	7.84	7.88	4.6	3.65	88.7
301	9/12/2010 14:31	11.13	51.86	33.96	7.93	7.88	3.6	3.73	89.4
302	9/12/2010 14:46	11.06	51.85	33.95	7.99	7.89	3.1	3.78	89.9
303	9/12/2010 15:01	11.08	51.86	33.96	8.01	7.90	2.2	3.83	90.3
304	9/12/2010 15:16	10.99	51.84	33.94	7.94	7.89	1.8	3.87	89.3
305	9/12/2010 15:31	11.40	51.59	33.78	8.11	7.91	1.7	3.88	91.9
306	9/12/2010 15:46	11.35	51.85	33.97	7.90	7.89	2.1	3.86	89.5
307	9/12/2010 16:01	11.08	51.87	33.97	7.93	7.89	1.6	3.83	89.3
308	9/12/2010 16:16	11.06	51.88	33.98	7.95	7.89	2.4	3.77	89.5
309	9/12/2010 16:31	12.21	51.77	33.95	8.45	7.95	3.0	3.69	97.4
310	9/12/2010 16:46	12.64	51.77	33.97	8.88	7.97	3.5	3.60	103.4
311	9/12/2010 17:01	12.86	51.76	33.98	9.12	7.99	2.8	3.49	106.7
312	9/12/2010 17:16	13.38	51.75	33.99	9.11	7.99	4.8	3.37	107.6
313	9/12/2010 17:31	13.43	51.71	33.97	8.88	7.97	5.7	3.26	105.1
314	9/12/2010 17:46	13.52	51.72	33.98	8.86	7.97	4.7	3.13	105.0
315	9/12/2010 18:01	13.76	51.72	33.98	8.79	7.96	5.4	3.02	104.8
316	9/12/2010 18:16	14.03	51.71	33.99	9.04	7.99	4.9	2.90	108.3
317	9/12/2010 18:31	14.44	51.70	33.99	8.85	7.97	5.5	2.77	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	DO%
			mS/cm		mg/L		NTU	meters	
318	9/12/2010 18:46	14.81	51.67	33.98	8.93	7.98	5.2	2.66	108.6
319	9/12/2010 19:01	15.09	51.64	33.97	9.22	8.01	4.9	2.52	112.8
320	9/12/2010 19:16	15.15	51.66	33.98	9.21	7.99	5.6	2.38	112.8
321	9/12/2010 19:31	15.01	51.73	34.03	9.06	7.99	5.6	2.26	110.7
322	9/12/2010 19:46	15.07	51.73	34.04	8.87	7.98	6.5	2.11	108.5
323	9/12/2010 20:01	15.31	51.73	34.04	8.80	7.97	6.4	1.98	108.1
324	9/12/2010 20:16	15.49	51.73	34.04	8.67	7.96	7.6	1.85	107.0
325	9/12/2010 20:31	15.71	51.73	34.05	8.62	7.96	6.8	1.71	106.8
326	9/12/2010 20:46	15.99	51.74	34.06	8.59	7.96	7.5	1.60	107.1
327	9/12/2010 21:01	16.02	51.74	34.06	8.51	7.96	6.6	1.49	106.1
328	9/12/2010 21:16	16.26	51.75	34.07	8.54	7.96	7.9	1.41	107.0
329	9/12/2010 21:31	16.42	51.75	34.08	8.53	7.96	8.1	1.35	107.2
330	9/12/2010 21:46	16.89	51.77	34.10	8.77	7.99	5.2	1.32	111.2
331	9/12/2010 22:01	16.67	51.85	34.15	8.65	7.98	4.5	1.33	109.2
332	9/12/2010 22:16	17.05	51.67	34.02	9.01	8.00	4.8	1.34	114.5
333	9/12/2010 22:31	16.93	51.77	34.10	9.02	8.00	4.5	1.39	114.5
334	9/12/2010 22:46	16.95	51.76	34.09	9.09	8.01	4.2	1.46	115.4
335	9/12/2010 23:01	16.95	51.76	34.09	9.18	8.01	4.2	1.54	116.6
336	9/12/2010 23:16	16.93	51.20	33.68	9.08	7.99	4.6	1.61	115.0
337	9/12/2010 23:31	17.07	51.49	33.89	8.49	7.94	6.8	1.69	108.0
338	9/12/2010 23:46	16.98	51.56	33.95	8.50	7.95	6.9	1.78	108.0
339	9/13/2010 0:01	16.74	51.65	34.01	8.65	7.96	6.4	1.86	109.4
340	9/13/2010 0:16	16.58	51.67	34.02	8.62	7.95	5.3	1.93	108.6
341	9/13/2010 0:31	16.49	51.68	34.02	8.61	7.95	5.7	2.02	108.4
342	9/13/2010 0:46	16.39	51.69	34.03	8.63	7.95	5.1	2.12	108.3
343	9/13/2010 1:01	16.17	51.70	34.03	8.60	7.95	5.4	2.20	107.5
344	9/13/2010 1:16	15.97	51.70	34.03	8.52	7.94	5.6	2.29	106.1
345	9/13/2010 1:31	15.77	51.71	34.03	8.48	7.94	5.1	2.38	105.3
346	9/13/2010 1:46	15.69	51.71	34.03	8.47	7.93	4.8	2.47	104.9
347	9/13/2010 2:01	15.48	51.72	34.04	8.44	7.93	4.4	2.55	104.1
348	9/13/2010 2:16	15.27	51.72	34.03	8.40	7.92	4.3	2.63	103.2
349	9/13/2010 2:31	15.15	51.73	34.03	8.35	7.92	4.5	2.71	102.3
350	9/13/2010 2:46	14.96	51.48	33.85	8.32	7.92	4.5	2.78	101.4
351	9/13/2010 3:01	14.74	51.69	33.99	8.27	7.91	4.6	2.85	100.5
352	9/13/2010 3:16	14.45	51.71	34.00	8.23	7.91	4.6	2.91	99.4
353	9/13/2010 3:31	14.09	51.73	34.00	8.18	7.90	4.2	2.98	98.1
354	9/13/2010 3:46	13.87	51.70	33.97	8.13	7.90	3.9	3.03	97.1
355	9/13/2010 4:01	13.50	51.75	34.00	8.12	7.89	4.0	3.08	96.2
356	9/13/2010 4:16	13.45	51.74	33.99	8.08	7.89	3.1	3.13	95.7
357	9/13/2010 4:31	13.27	51.82	34.04	8.05	7.89	2.6	3.16	95.0
358	9/13/2010 4:46	13.21	51.75	33.98	7.95	7.89	2.3	3.18	93.7
359	9/13/2010 5:01	13.47	51.76	34.01	7.89	7.89	2.4	3.18	93.4
360	9/13/2010 5:16	13.26	51.78	34.01	7.87	7.88	2.0	3.16	92.8
361	9/13/2010 5:31	13.22	51.75	33.98	7.91	7.88	2.3	3.13	93.2
362	9/13/2010 5:46	13.83	51.76	34.02	7.84	7.89	3.2	3.08	93.5
363	9/13/2010 6:01	13.98	51.74	34.01	7.91	7.89	3.4	3.02	94.6
364	9/13/2010 6:16	14.12	51.75	34.02	7.88	7.89	3.2	2.94	94.6
365	9/13/2010 6:31	14.39	51.74	34.02	7.70	7.88	4.3	2.86	92.9
366	9/13/2010 6:46	14.64	51.74	34.03	7.64	7.88	3.8	2.79	92.7
367	9/13/2010 7:01	14.79	51.74	34.03	7.55	7.87	3.7	2.71	91.8
368	9/13/2010 7:16	14.73	51.74	34.03	7.45	7.86	3.3	2.64	90.5
369	9/13/2010 7:31	15.05	51.75	34.05	7.39	7.86	3.7	2.58	90.3
370	9/13/2010 7:46	15.17	51.76	34.06	7.30	7.85	3.5	2.51	89.5

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	
371	9/13/2010 8:01	15.28	51.76	34.06	7.42	7.86	3.1	2.44	91.1
372	9/13/2010 8:16	15.36	51.75	34.05	7.46	7.87	2.9	2.39	91.8
373	9/13/2010 8:31	15.31	51.76	34.06	7.44	7.86	2.8	2.34	91.5
374	9/13/2010 8:46	15.41	51.76	34.06	7.55	7.87	3.1	2.30	93.1
375	9/13/2010 9:01	15.44	51.75	34.06	7.61	7.88	2.5	2.26	93.8
376	9/13/2010 9:16	15.53	51.75	34.06	7.78	7.89	2.4	2.23	96.0
377	9/13/2010 9:31	15.69	51.75	34.06	7.82	7.90	2.3	2.23	96.9
378	9/13/2010 9:46	15.66	51.76	34.07	7.76	7.89	2.7	2.22	96.0
379	9/13/2010 10:01	15.76	51.76	34.07	7.92	7.91	2.4	2.23	98.2
380	9/13/2010 10:16	15.70	51.76	34.07	7.93	7.90	3.2	2.26	98.2
381	9/13/2010 10:31	15.71	51.75	34.06	7.98	7.91	3.1	2.31	98.8
382	9/13/2010 10:46	15.65	51.74	34.06	8.01	7.91	3.6	2.36	99.1
383	9/13/2010 11:01	15.56	51.74	34.05	7.98	7.90	3.7	2.41	98.6
384	9/13/2010 11:16	15.49	51.74	34.05	7.94	7.90	3.5	2.48	98.0
385	9/13/2010 11:31	15.39	51.74	34.05	7.93	7.89	4.0	2.55	97.6
386	9/13/2010 11:46	15.20	51.74	34.04	7.93	7.89	3.8	2.62	97.3
387	9/13/2010 12:01	15.06	51.74	34.04	7.90	7.89	3.2	2.69	96.7
388	9/13/2010 12:16	14.73	51.73	34.02	7.87	7.88	3.8	2.76	95.7
389	9/13/2010 12:31	14.67	51.73	34.02	8.00	7.89	3.5	2.83	97.1
390	9/13/2010 12:46	14.36	51.74	34.02	8.11	7.90	3.2	2.91	97.9
391	9/13/2010 13:01	14.31	51.74	34.02	8.09	7.90	3.5	2.98	97.5
392	9/13/2010 13:16	13.95	51.75	34.02	8.15	7.90	3.6	3.06	97.5
393	9/13/2010 13:31	13.61	51.76	34.01	8.14	7.89	3.6	3.14	96.8
394	9/13/2010 13:46	13.29	51.77	34.01	8.11	7.89	3.8	3.23	95.7
395	9/13/2010 14:01	12.90	51.79	34.01	8.07	7.88	5.0	3.31	94.4
396	9/13/2010 14:16	12.37	51.82	34.00	8.09	7.88	5.4	3.39	93.7
397	9/13/2010 14:31	11.99	51.83	33.99	8.15	7.89	4.7	3.47	93.6
398	9/13/2010 14:46	11.65	51.85	33.99	8.19	7.89	3.7	3.54	93.4
399	9/13/2010 15:01	11.40	51.87	33.98	8.28	7.89	3.4	3.60	94.0
400	9/13/2010 15:16	11.24	51.88	33.98	8.26	7.89	3.2	3.66	93.4
401	9/13/2010 15:31	11.21	51.89	33.99	8.31	7.90	2.3	3.71	93.9
402	9/13/2010 15:46	11.18	51.83	33.95	8.38	7.90	2.1	3.75	94.6
403	9/13/2010 16:01	11.07	51.88	33.98	8.47	7.91	0.6	3.76	95.3
404	9/13/2010 16:16	11.38	51.86	33.98	8.38	7.91	1.5	3.77	95.0
405	9/13/2010 16:31	11.26	51.87	33.98	8.36	7.91	1.7	3.76	94.6
406	9/13/2010 16:46	11.17	51.88	33.98	8.47	7.91	1.8	3.73	95.6
407	9/13/2010 17:01	11.19	51.87	33.98	8.48	7.91	1.8	3.69	95.8
408	9/13/2010 17:16	11.74	51.83	33.97	8.62	7.93	3.1	3.61	98.5
409	9/13/2010 17:31	12.50	51.81	34.00	9.11	7.97	2.2	3.54	105.8
410	9/13/2010 17:46	12.60	51.81	34.00	9.22	7.97	2.6	3.45	107.3
411	9/13/2010 18:01	13.25	51.79	34.02	9.23	7.99	2.9	3.35	108.8
412	9/13/2010 18:16	13.52	51.78	34.02	9.08	7.97	7.4	3.24	107.6
413	9/13/2010 18:31	13.75	51.77	34.02	9.04	7.97	4.5	3.14	107.7
414	9/13/2010 18:46	13.90	51.78	34.03	9.18	7.98	4.0	3.04	109.7
415	9/13/2010 19:01	14.17	51.76	34.03	9.10	7.99	4.2	2.93	109.4
416	9/13/2010 19:16	14.58	51.76	34.04	9.23	8.00	3.8	2.82	111.9
417	9/13/2010 19:31	14.87	51.75	34.04	9.07	7.98	5.1	2.71	110.6
418	9/13/2010 19:46	15.29	51.76	34.06	9.31	8.00	6.2	2.59	114.4
419	9/13/2010 20:01	15.38	51.76	34.06	9.26	8.00	5.9	2.49	114.0
420	9/13/2010 20:16	15.18	51.76	34.06	9.05	7.99	6.1	2.36	110.9
421	9/13/2010 20:31	15.09	51.77	34.06	8.88	7.97	5.2	2.25	108.7
422	9/13/2010 20:46	15.02	51.77	34.06	8.72	7.95	5.1	2.13	106.6
423	9/13/2010 21:01	15.22	51.77	34.06	8.64	7.95	6.0	2.00	106.1

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	
424	9/13/2010 21:16	15.38	51.77	34.07	8.58	7.95	5.5	1.89	105.7
425	9/13/2010 21:31	15.47	51.76	34.06	8.49	7.94	5.1	1.78	104.7
426	9/13/2010 21:46	15.66	51.76	34.07	8.45	7.94	5.1	1.67	104.7
427	9/13/2010 22:01	15.94	51.77	34.08	8.47	7.95	5.2	1.59	105.5
428	9/13/2010 22:16	16.27	51.79	34.10	8.56	7.96	4.5	1.53	107.3
429	9/13/2010 22:31	16.55	51.78	34.10	8.59	7.98	4.3	1.47	108.2
430	9/13/2010 22:46	16.66	51.80	34.11	8.62	7.98	3.7	1.45	108.9
431	9/13/2010 23:01	16.74	51.80	34.12	8.70	7.99	3.8	1.46	110.1
432	9/13/2010 23:16	16.82	51.77	34.09	9.00	8.01	3.7	1.48	114.0
433	9/13/2010 23:31	16.78	51.81	34.12	9.03	8.00	3.2	1.51	114.4
434	9/13/2010 23:46	16.75	51.80	34.12	9.08	8.01	3.4	1.57	114.8
435	9/14/2010 0:01	16.73	51.80	34.11	9.12	8.01	3.6	1.65	115.3
436	9/14/2010 0:16	16.65	51.75	34.08	9.04	7.99	3.6	1.71	114.1
437	9/14/2010 0:31	16.78	51.63	33.99	8.54	7.95	5.4	1.78	108.0
438	9/14/2010 0:46	16.79	51.58	33.96	8.35	7.93	6.0	1.85	105.6
439	9/14/2010 1:01	16.62	51.65	34.00	8.52	7.95	5.4	1.93	107.4
440	9/14/2010 1:16	16.43	51.70	34.04	8.62	7.95	4.8	2.00	108.3
441	9/14/2010 1:31	16.32	51.71	34.05	8.63	7.95	4.8	2.06	108.2
442	9/14/2010 1:46	16.24	51.72	34.05	8.62	7.95	4.7	2.14	108.0
443	9/14/2010 2:01	16.13	51.73	34.05	8.65	7.95	5.4	2.22	108.1
444	9/14/2010 2:16	15.91	51.73	34.05	8.61	7.94	4.7	2.29	107.2
445	9/14/2010 2:31	15.72	51.74	34.05	8.58	7.94	4.4	2.37	106.3
446	9/14/2010 2:46	15.58	51.74	34.05	8.58	7.94	4.2	2.44	106.0
447	9/14/2010 3:01	15.45	51.74	34.05	8.59	7.93	4.3	2.52	105.9
448	9/14/2010 3:16	15.29	51.75	34.05	8.58	7.93	3.8	2.60	105.4
449	9/14/2010 3:31	15.08	51.75	34.05	8.57	7.93	3.7	2.66	104.8
450	9/14/2010 3:46	14.91	51.75	34.04	8.54	7.92	3.6	2.72	104.2
451	9/14/2010 4:01	14.77	51.75	34.04	8.50	7.92	3.5	2.79	103.4
452	9/14/2010 4:16	14.66	51.74	34.03	8.49	7.92	3.3	2.85	103.0
453	9/14/2010 4:31	14.45	51.73	34.02	8.48	7.91	3.2	2.89	102.4
454	9/14/2010 4:46	14.21	51.72	34.00	8.47	7.91	2.9	2.95	101.9
455	9/14/2010 5:01	14.04	51.74	34.01	8.45	7.91	2.7	3.00	101.3
456	9/14/2010 5:16	13.91	51.74	34.00	8.42	7.91	2.3	3.03	100.7
457	9/14/2010 5:31	13.75	51.74	34.00	8.41	7.91	2.2	3.06	100.2
458	9/14/2010 5:46	13.61	51.79	34.03	8.33	7.90	2.0	3.08	99.0
459	9/14/2010 6:01	13.98	51.67	33.95	8.23	7.90	1.8	3.10	98.4
460	9/14/2010 6:16	13.73	51.76	34.02	8.13	7.90	1.5	3.09	96.8
461	9/14/2010 6:31	13.72	51.73	33.99	8.16	7.90	1.9	3.06	97.1
462	9/14/2010 6:46	13.90	51.73	34.00	8.19	7.90	2.0	3.03	97.8
463	9/14/2010 7:01	14.16	51.74	34.01	8.18	7.90	2.3	2.99	98.3
464	9/14/2010 7:16	14.36	51.72	34.01	8.17	7.90	2.6	2.93	98.5
465	9/14/2010 7:31	14.53	51.74	34.02	8.01	7.89	3.4	2.87	96.9
466	9/14/2010 7:46	14.69	51.74	34.03	7.86	7.88	3.2	2.81	95.4
467	9/14/2010 8:01	14.80	51.75	34.04	7.72	7.87	3.0	2.75	94.0
468	9/14/2010 8:16	14.87	51.75	34.04	7.72	7.88	2.7	2.70	94.1
469	9/14/2010 8:31	14.92	51.75	34.04	7.65	7.87	2.7	2.65	93.3
470	9/14/2010 8:46	15.02	51.76	34.05	7.66	7.87	2.5	2.59	93.7
471	9/14/2010 9:01	15.12	51.76	34.06	7.69	7.87	2.4	2.57	94.1
472	9/14/2010 9:16	15.24	51.77	34.06	7.59	7.87	2.3	2.52	93.2
473	9/14/2010 9:31	15.33	51.76	34.06	7.58	7.87	2.1	2.48	93.2
474	9/14/2010 9:46	15.36	51.77	34.07	7.61	7.87	2.3	2.46	93.7
475	9/14/2010 10:01	15.42	51.76	34.06	7.78	7.89	2.3	2.44	95.9
476	9/14/2010 10:16	15.49	51.75	34.05	7.70	7.88	2.0	2.43	95.0

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	
477	9/14/2010 10:31	15.47	51.78	34.08	7.63	7.87	2.1	2.41	94.1
478	9/14/2010 10:46	15.53	51.74	34.05	7.84	7.89	2.8	2.42	96.8
479	9/14/2010 11:01	15.54	51.76	34.06	7.95	7.90	2.5	2.44	98.2
480	9/14/2010 11:16	15.51	51.75	34.06	8.00	7.90	2.6	2.46	98.8
481	9/14/2010 11:31	15.48	51.75	34.06	8.14	7.91	2.7	2.49	100.4
482	9/14/2010 11:46	15.39	51.75	34.06	8.08	7.90	3.5	2.53	99.5
483	9/14/2010 12:01	15.32	51.74	34.05	8.07	7.90	4.2	2.59	99.3
484	9/14/2010 12:16	15.20	51.75	34.05	8.07	7.90	3.7	2.62	99.0
485	9/14/2010 12:31	15.08	51.75	34.05	8.05	7.89	3.5	2.68	98.5
486	9/14/2010 12:46	15.01	51.74	34.04	8.15	7.90	2.8	2.74	99.6
487	9/14/2010 13:01	14.86	51.74	34.03	8.15	7.89	3.2	2.80	99.3
488	9/14/2010 13:16	14.71	51.73	34.02	8.19	7.90	2.9	2.86	99.5
489	9/14/2010 13:31	14.48	51.73	34.02	8.22	7.90	2.6	2.92	99.4
490	9/14/2010 13:46	14.19	51.74	34.01	8.37	7.90	2.3	2.98	100.6
491	9/14/2010 14:01	13.97	51.74	34.01	8.47	7.91	2.3	3.05	101.4
492	9/14/2010 14:16	13.74	51.75	34.01	8.54	7.91	2.3	3.11	101.7
493	9/14/2010 14:31	13.65	51.75	34.00	8.59	7.92	2.3	3.18	102.2
494	9/14/2010 14:46	13.40	51.76	34.00	8.68	7.92	2.2	3.25	102.6
495	9/14/2010 15:01	13.15	51.77	34.00	8.77	7.93	2.1	3.30	103.2
496	9/14/2010 15:16	12.97	51.76	33.99	8.95	7.94	2.5	3.38	104.9
497	9/14/2010 15:31	12.80	51.77	33.98	9.18	7.95	2.1	3.43	107.2
498	9/14/2010 15:46	12.59	51.78	33.98	9.43	7.97	2.1	3.48	109.7
499	9/14/2010 16:01	12.41	51.78	33.97	9.88	8.00	2.3	3.53	114.4
500	9/14/2010 16:16	12.26	51.77	33.96	10.22	8.02	1.9	3.57	118.0
501	9/14/2010 16:31	12.18	51.76	33.95	10.40	8.03	1.9	3.61	119.9
502	9/14/2010 16:46	12.15	51.76	33.94	10.51	8.04	1.0	3.62	121.1
503	9/14/2010 17:01	12.45	51.76	33.96	10.18	8.02	1.6	3.64	118.1
504	9/14/2010 17:16	12.24	51.77	33.95	10.32	8.03	0.7	3.63	119.1
505	9/14/2010 17:31	12.24	51.75	33.95	10.36	8.03	1.1	3.60	119.6
506	9/14/2010 17:46	12.23	51.76	33.95	10.49	8.04	1.8	3.56	121.0
507	9/14/2010 18:01	12.69	51.76	33.97	10.20	8.03	1.8	3.51	118.8
508	9/14/2010 18:16	13.35	51.77	34.01	10.03	8.03	1.7	3.45	118.5
509	9/14/2010 18:31	13.77	51.75	34.01	9.68	8.01	2.3	3.38	115.4
510	9/14/2010 18:46	13.90	51.75	34.01	9.64	8.01	2.7	3.29	115.2
511	9/14/2010 19:01	13.82	51.76	34.02	9.37	7.98	3.2	3.21	111.8
512	9/14/2010 19:16	13.97	51.77	34.03	9.34	7.99	3.4	3.12	111.8
513	9/14/2010 19:31	14.19	51.77	34.03	9.23	7.98	3.5	3.03	110.9
514	9/14/2010 19:46	14.51	51.76	34.04	9.23	7.98	3.8	2.94	111.7
515	9/14/2010 20:01	14.85	51.75	34.04	9.19	7.98	4.4	2.85	111.9
516	9/14/2010 20:16	15.13	51.75	34.05	9.20	7.98	4.1	2.75	112.7
517	9/14/2010 20:31	15.39	51.76	34.06	9.32	7.99	4.5	2.65	114.7
518	9/14/2010 20:46	15.45	51.75	34.06	9.22	7.99	4.3	2.57	113.7
519	9/14/2010 21:01	15.58	51.78	34.08	9.25	8.00	4.5	2.44	114.4
520	9/14/2010 21:16	15.67	51.78	34.08	9.25	8.00	4.8	2.34	114.6
521	9/14/2010 21:31	15.55	51.77	34.08	9.14	7.99	4.5	2.24	113.0
522	9/14/2010 21:46	15.45	51.76	34.06	8.90	7.97	5.0	2.12	109.8
523	9/14/2010 22:01	15.53	51.78	34.08	8.78	7.96	5.9	2.01	108.4
524	9/14/2010 22:16	15.50	51.78	34.08	8.66	7.95	4.5	1.91	106.9
525	9/14/2010 22:31	15.79	51.79	34.09	8.58	7.96	4.1	1.81	106.6
526	9/14/2010 22:46	15.82	51.79	34.10	8.55	7.95	3.6	1.75	106.2
527	9/14/2010 23:01	16.09	51.81	34.11	8.57	7.96	3.8	1.65	107.0
528	9/14/2010 23:16	16.30	51.82	34.13	8.64	7.96	3.7	1.60	108.3
529	9/14/2010 23:31	16.65	51.83	34.14	8.84	7.99	3.3	1.59	111.6

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	
530	9/14/2010 23:46	16.67	51.83	34.14	8.83	7.99	2.7	1.56	111.6
531	9/15/2010 0:01	16.78	51.25	33.71	8.90	8.00	2.5	1.54	112.4
532	9/15/2010 0:16	16.62	51.84	34.14	8.88	7.99	2.9	1.57	112.1
533	9/15/2010 0:31	16.72	51.48	33.88	9.06	8.00	3.2	1.61	114.3
534	9/15/2010 0:46	16.65	51.12	33.62	9.08	8.00	2.7	1.64	114.3
535	9/15/2010 1:01	16.74	51.59	33.96	9.16	8.00	3.1	1.69	115.7
536	9/15/2010 1:16	16.71	51.45	33.86	9.20	8.01	2.9	1.74	116.1
537	9/15/2010 1:31	16.69	51.69	34.04	9.08	7.99	3.5	1.81	114.7
538	9/15/2010 1:46	16.76	51.51	33.90	8.71	7.96	4.5	1.86	110.0
539	9/15/2010 2:01	16.69	51.70	34.04	8.64	7.96	4.5	1.90	109.2
540	9/15/2010 2:16	16.57	51.72	34.06	8.62	7.95	4.7	1.99	108.6
541	9/15/2010 2:31	16.47	51.73	34.06	8.65	7.95	4.3	2.05	108.8
542	9/15/2010 2:46	16.35	51.75	34.08	8.65	7.95	4.2	2.10	108.6
543	9/15/2010 3:01	16.26	51.75	34.07	8.66	7.95	4.1	2.19	108.5
544	9/15/2010 3:16	16.14	51.76	34.08	8.68	7.95	4.1	2.26	108.5
545	9/15/2010 3:31	16.04	51.13	33.61	8.67	7.95	3.9	2.33	107.8
546	9/15/2010 3:46	15.86	51.16	33.63	8.65	7.94	4.1	2.40	107.2
547	9/15/2010 4:01	15.64	51.66	33.99	8.59	7.93	4.2	2.47	106.3
548	9/15/2010 4:16	15.49	51.77	34.07	8.57	7.93	4.6	2.53	105.7
549	9/15/2010 4:31	15.39	51.77	34.07	8.58	7.93	3.3	2.60	105.6
550	9/15/2010 4:46	15.29	51.78	34.07	8.56	7.93	3.0	2.66	105.3
551	9/15/2010 5:01	15.19	51.77	34.06	8.57	7.93	2.7	2.72	105.1
552	9/15/2010 5:16	15.00	51.77	34.06	8.58	7.93	2.7	2.77	104.8
553	9/15/2010 5:31	14.82	51.77	34.05	8.59	7.93	2.6	2.81	104.6
554	9/15/2010 5:46	14.69	51.77	34.05	8.59	7.93	2.6	2.86	104.3
555	9/15/2010 6:01	14.57	51.76	34.04	8.59	7.92	2.4	2.92	104.0
556	9/15/2010 6:16	14.51	51.73	34.01	8.61	7.92	2.4	2.94	104.2
557	9/15/2010 6:31	14.21	51.77	34.04	8.70	7.93	2.1	2.98	104.6
558	9/15/2010 6:46	14.14	51.73	34.01	8.72	7.93	1.8	3.01	104.7
559	9/15/2010 7:01	14.06	51.75	34.02	8.71	7.93	1.8	3.03	104.4
560	9/15/2010 7:16	14.19	51.78	34.04	8.57	7.93	2.4	3.04	103.1
561	9/15/2010 7:31	14.04	51.76	34.02	8.54	7.92	1.3	3.04	102.3
562	9/15/2010 7:46	14.10	51.74	34.01	8.50	7.92	1.5	3.04	101.9
563	9/15/2010 8:01	14.06	51.74	34.01	8.54	7.93	1.4	3.02	102.4
564	9/15/2010 8:16	14.20	51.75	34.02	8.52	7.93	2.6	2.98	102.5
565	9/15/2010 8:31	14.52	51.76	34.04	8.37	7.92	2.3	2.93	101.3
566	9/15/2010 8:46	14.67	51.78	34.06	8.31	7.92	2.3	2.89	100.9
567	9/15/2010 9:01	14.78	51.78	34.06	8.24	7.91	2.6	2.84	100.3
568	9/15/2010 9:16	14.84	51.79	34.07	8.23	7.91	2.2	2.79	100.3
569	9/15/2010 9:31	14.95	51.78	34.07	8.17	7.91	2.5	2.75	99.7
570	9/15/2010 9:46	15.03	51.78	34.07	8.18	7.91	2.6	2.69	100.1
571	9/15/2010 10:01	15.13	51.79	34.08	8.16	7.91	2.7	2.66	100.0
572	9/15/2010 10:16	15.25	51.79	34.08	8.18	7.91	2.3	2.63	100.4
573	9/15/2010 10:31	15.33	51.80	34.09	8.22	7.92	2.6	2.58	101.1
574	9/15/2010 10:46	15.45	51.81	34.10	8.38	7.92	2.7	2.57	103.4
575	9/15/2010 11:01	15.57	51.81	34.10	8.37	7.92	3.5	2.54	103.4
576	9/15/2010 11:16	15.68	51.79	34.09	8.29	7.92	2.6	2.53	102.7
577	9/15/2010 11:31	15.75	51.81	34.10	8.27	7.92	2.3	2.52	102.6
578	9/15/2010 11:46	15.75	51.80	34.10	8.24	7.91	2.7	2.51	102.2
579	9/15/2010 12:01	15.75	51.80	34.10	8.31	7.92	2.7	2.53	103.1
580	9/15/2010 12:16	15.74	51.80	34.10	8.31	7.92	2.6	2.54	103.1
581	9/15/2010 12:31	15.68	51.79	34.09	8.27	7.91	2.9	2.55	102.4
582	9/15/2010 12:46	15.59	51.78	34.08	8.22	7.91	3.5	2.59	101.7

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	
583	9/15/2010 13:01	15.54	51.79	34.09	8.23	7.91	3.8	2.63	101.7
584	9/15/2010 13:16	15.44	51.77	34.07	8.31	7.92	3.4	2.66	102.4
585	9/15/2010 13:31	15.55	51.78	34.08	8.39	7.92	2.8	2.70	103.7
586	9/15/2010 13:46	15.35	51.77	34.07	8.37	7.92	2.6	2.75	103.0
587	9/15/2010 14:01	15.21	51.77	34.07	8.42	7.92	2.7	2.80	103.4
588	9/15/2010 14:16	15.08	51.26	33.69	8.49	7.92	2.6	2.83	103.7
589	9/15/2010 14:31	14.81	51.77	34.05	8.47	7.92	2.0	2.89	103.1
590	9/15/2010 14:46	14.52	51.76	34.04	8.58	7.92	2.1	2.94	103.9
591	9/15/2010 15:01	14.24	51.76	34.03	8.82	7.94	2.1	3.00	106.1
592	9/15/2010 15:16	14.13	51.75	34.02	8.92	7.94	1.9	3.05	107.1
593	9/15/2010 15:31	13.89	51.74	34.00	9.24	7.96	1.6	3.10	110.3
594	9/15/2010 15:46	13.67	51.76	34.01	9.44	7.97	1.5	3.16	112.2
595	9/15/2010 16:01	13.62	51.76	34.01	9.54	7.98	1.7	3.22	113.3
596	9/15/2010 16:16	13.59	51.76	34.01	9.51	7.98	1.5	3.26	112.9
597	9/15/2010 16:31	13.30	51.78	34.01	9.68	7.99	1.7	3.32	114.3
598	9/15/2010 16:46	13.17	51.77	34.00	9.79	8.00	1.3	3.36	115.2
599	9/15/2010 17:01	13.06	51.78	34.00	9.98	8.01	1.6	3.41	117.2
600	9/15/2010 17:16	12.93	51.78	34.00	10.23	8.02	1.5	3.44	119.8
601	9/15/2010 17:31	12.82	51.80	34.00	10.26	8.03	0.9	3.46	120.0
602	9/15/2010 17:46	12.74	51.54	33.81	10.30	8.03	1.3	3.49	120.1
603	9/15/2010 18:01	12.74	51.78	33.99	10.19	8.03	0.4	3.49	118.9
604	9/15/2010 18:16	12.75	51.79	34.00	10.19	8.02	0.5	3.49	118.9
605	9/15/2010 18:31	12.74	51.79	34.00	10.24	8.03	0.9	3.48	119.5
606	9/15/2010 18:46	12.74	51.80	34.00	10.12	8.02	1.0	3.45	118.0
607	9/15/2010 19:01	12.85	51.79	34.00	10.03	8.02	1.2	3.41	117.3
608	9/15/2010 19:16	13.27	51.78	34.01	10.04	8.03	1.2	3.36	118.4
609	9/15/2010 19:31	13.71	51.77	34.02	10.06	8.03	1.8	3.30	119.8
610	9/15/2010 19:46	13.84	51.75	34.01	9.94	8.02	4.3	3.24	118.6
611	9/15/2010 20:01	14.01	51.76	34.02	9.88	8.02	2.5	3.17	118.3
612	9/15/2010 20:16	14.26	51.53	33.86	9.85	8.02	2.8	3.09	118.5
613	9/15/2010 20:31	14.77	51.58	33.91	9.82	8.02	3.6	3.00	119.3
614	9/15/2010 20:46	14.88	51.69	34.00	9.66	8.02	2.5	2.94	117.8
615	9/15/2010 21:01	15.26	51.32	33.73	9.78	8.03	3.1	2.84	119.9
616	9/15/2010 21:16	15.56	51.67	34.00	9.65	8.04	3.1	2.75	119.3
617	9/15/2010 21:31	15.83	51.11	33.59	9.69	8.02	3.4	2.67	120.0
618	9/15/2010 21:46	15.97	51.78	34.09	9.71	8.04	4.2	2.59	121.0
619	9/15/2010 22:01	16.03	51.78	34.09	9.72	8.03	4.5	2.48	121.3
620	9/15/2010 22:16	15.97	51.09	33.58	9.63	8.02	4.3	2.38	119.6
621	9/15/2010 22:31	16.00	51.78	34.09	9.42	8.01	4.2	2.30	117.5
622	9/15/2010 22:46	15.93	51.78	34.09	9.21	7.99	4.5	2.20	114.6
623	9/15/2010 23:01	16.09	51.69	34.02	9.06	7.99	4.6	2.09	113.1
624	9/15/2010 23:16	16.13	51.07	33.57	8.93	7.98	5.7	1.99	111.2
625	9/15/2010 23:31	16.25	51.79	34.10	8.87	7.97	3.9	1.91	111.1
626	9/15/2010 23:46	16.32	51.80	34.11	8.79	7.97	3.8	1.83	110.2
627	9/16/2010 0:01	16.61	51.08	33.59	8.97	7.99	3.5	1.76	112.9
628	9/16/2010 0:16	16.66	51.09	33.59	8.88	8.00	3.4	1.70	111.8
629	9/16/2010 0:31	17.01	51.82	34.14	9.17	8.01	2.9	1.67	116.6
630	9/16/2010 0:46	17.18	51.84	34.15	9.33	8.03	2.7	1.63	119.0
631	9/16/2010 1:01	17.28	51.83	34.14	9.43	8.04	2.9	1.61	120.5
632	9/16/2010 1:16	17.25	51.86	34.17	9.35	8.03	2.8	1.62	119.4
633	9/16/2010 1:31	17.22	51.86	34.17	9.44	8.03	2.9	1.62	120.6
634	9/16/2010 1:46	17.13	51.60	33.98	9.40	8.02	2.9	1.66	119.7
635	9/16/2010 2:01	17.02	51.84	34.15	9.29	8.01	2.6	1.69	118.1

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	
636	9/16/2010 2:16	17.04	51.83	34.14	9.34	8.03	2.8	1.73	118.8
637	9/16/2010 2:31	17.01	51.79	34.11	9.36	8.01	2.9	1.79	119.0
638	9/16/2010 2:46	16.99	51.82	34.13	9.26	8.00	3.4	1.84	117.7
639	9/16/2010 3:01	17.07	51.64	34.00	8.96	7.98	4.2	1.89	114.0
640	9/16/2010 3:16	17.05	51.62	33.99	8.90	7.97	4.3	1.95	113.1
641	9/16/2010 3:31	17.02	51.73	34.07	8.77	7.97	4.3	2.02	111.5
642	9/16/2010 3:46	16.98	51.71	34.05	8.74	7.96	4.4	2.09	111.0
643	9/16/2010 4:01	16.85	51.74	34.07	8.86	7.97	3.8	2.14	112.3
644	9/16/2010 4:16	16.74	51.74	34.07	8.92	7.97	4.0	2.22	112.8
645	9/16/2010 4:31	16.51	51.76	34.08	8.93	7.97	4.2	2.28	112.5
646	9/16/2010 4:46	16.33	51.76	34.08	8.89	7.96	4.3	2.35	111.6
647	9/16/2010 5:01	16.16	51.76	34.08	8.78	7.95	3.9	2.41	109.8
648	9/16/2010 5:16	15.98	51.76	34.08	8.73	7.95	3.8	2.48	108.8
649	9/16/2010 5:31	15.80	51.64	33.99	8.71	7.94	3.5	2.55	108.0
650	9/16/2010 5:46	15.71	51.76	34.07	8.69	7.94	3.1	2.61	107.7
651	9/16/2010 6:01	15.58	51.77	34.07	8.69	7.94	2.7	2.67	107.4
652	9/16/2010 6:16	15.53	51.77	34.08	8.68	7.94	2.4	2.72	107.2
653	9/16/2010 6:31	15.29	51.76	34.06	8.73	7.94	2.9	2.78	107.3
654	9/16/2010 6:46	15.13	51.74	34.04	8.77	7.94	2.4	2.83	107.4
655	9/16/2010 7:01	14.95	51.76	34.05	8.80	7.94	2.4	2.88	107.4
656	9/16/2010 7:16	14.73	51.74	34.03	8.86	7.95	2.6	2.93	107.7
657	9/16/2010 7:31	14.52	51.75	34.03	8.93	7.95	2.4	2.97	108.1
658	9/16/2010 7:46	14.39	51.75	34.03	9.00	7.95	2.3	3.01	108.6
659	9/16/2010 8:01	14.33	51.43	33.79	9.00	7.95	1.8	3.04	108.3
660	9/16/2010 8:16	14.28	51.75	34.02	8.89	7.95	1.4	3.05	107.1
661	9/16/2010 8:31	14.46	51.71	34.00	8.79	7.95	1.7	3.07	106.2
662	9/16/2010 8:46	14.36	51.69	33.98	8.68	7.94	1.5	3.06	104.7
663	9/16/2010 9:01	14.20	51.66	33.96	8.76	7.94	1.3	3.06	105.3
664	9/16/2010 9:16	14.28	51.74	34.02	8.81	7.95	2.4	3.04	106.1
665	9/16/2010 9:31	14.50	51.75	34.03	8.79	7.95	2.2	3.00	106.3
666	9/16/2010 9:46	14.86	51.76	34.05	8.71	7.95	2.3	2.95	106.2
667	9/16/2010 10:01	14.90	51.14	33.59	8.72	7.94	2.3	2.92	106.1
668	9/16/2010 10:16	14.96	51.78	34.07	8.66	7.94	2.0	2.88	105.8
669	9/16/2010 10:31	15.12	51.77	34.07	8.61	7.94	2.6	2.82	105.5
670	9/16/2010 10:46	15.29	51.78	34.08	8.56	7.94	2.6	2.77	105.3
671	9/16/2010 11:01	15.40	51.79	34.08	8.56	7.94	2.2	2.74	105.4
672	9/16/2010 11:16	15.54	51.78	34.08	8.55	7.94	2.1	2.68	105.6
673	9/16/2010 11:31	15.66	51.78	34.09	8.54	7.94	2.1	2.65	105.8
674	9/16/2010 11:46	15.74	51.79	34.09	8.62	7.95	2.7	2.61	106.9
675	9/16/2010 12:01	15.92	51.80	34.10	8.90	7.97	2.7	2.58	110.8
676	9/16/2010 12:16	16.08	51.79	34.10	8.92	7.97	2.9	2.56	111.3
677	9/16/2010 12:31	16.24	51.79	34.10	8.97	7.97	2.3	2.53	112.3
678	9/16/2010 12:46	16.32	51.77	34.09	9.03	7.99	2.8	2.52	113.3
679	9/16/2010 13:01	16.29	51.80	34.11	8.97	7.97	2.4	2.52	112.5
680	9/16/2010 13:16	16.35	51.53	33.91	9.02	7.97	2.4	2.52	113.1
681	9/16/2010 13:31	16.30	51.14	33.62	8.87	7.96	2.7	2.52	110.9
682	9/16/2010 13:46	16.21	51.77	34.09	8.77	7.95	2.6	2.55	109.7
683	9/16/2010 14:01	16.09	51.49	33.88	8.67	7.94	3.5	2.57	108.1
684	9/16/2010 14:16	16.07	51.77	34.09	8.66	7.94	3.3	2.61	108.1
685	9/16/2010 14:31	15.97	51.75	34.07	8.64	7.94	4.2	2.64	107.7
686	9/16/2010 14:46	15.87	51.69	34.02	8.68	7.94	3.3	2.67	107.9
687	9/16/2010 15:01	15.85	51.73	34.05	8.71	7.94	2.7	2.72	108.2
688	9/16/2010 15:16	15.71	51.77	34.07	8.71	7.94	2.6	2.76	108.0

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	
689	9/16/2010 15:31	15.57	51.75	34.06	8.69	7.94	2.7	2.80	107.4
690	9/16/2010 15:46	15.39	51.69	34.01	8.70	7.94	2.3	2.85	107.1
691	9/16/2010 16:01	15.16	51.74	34.04	8.74	7.93	2.3	2.90	107.2
692	9/16/2010 16:16	14.83	51.74	34.03	8.87	7.94	2.1	2.94	108.0
693	9/16/2010 16:31	14.54	51.74	34.02	9.01	7.95	2.0	2.99	109.0
694	9/16/2010 16:46	14.33	51.75	34.02	9.08	7.95	1.7	3.04	109.4
695	9/16/2010 17:01	14.24	51.74	34.02	9.19	7.96	1.4	3.09	110.6
696	9/16/2010 17:16	14.00	51.69	33.97	9.34	7.96	1.6	3.15	111.8
697	9/16/2010 17:31	13.77	51.23	33.63	9.45	7.97	1.3	3.20	112.3
698	9/16/2010 17:46	13.59	51.71	33.97	9.48	7.97	1.5	3.25	112.5
699	9/16/2010 18:01	13.40	51.72	33.97	9.50	7.97	1.1	3.29	112.3
700	9/16/2010 18:16	13.45	51.76	34.00	9.51	7.98	1.0	3.34	112.6
701	9/16/2010 18:31	13.50	51.77	34.01	9.59	7.98	1.1	3.38	113.6
702	9/16/2010 18:46	13.24	51.77	34.01	9.64	7.98	0.7	3.39	113.7
703	9/16/2010 19:01	13.12	51.80	34.02	9.54	7.98	0.7	3.41	112.2
704	9/16/2010 19:16	13.10	51.79	34.01	9.50	7.97	0.3	3.43	111.7
705	9/16/2010 19:31	13.20	51.82	34.04	9.43	7.97	1.0	3.41	111.1
706	9/16/2010 19:46	13.14	51.80	34.02	9.49	7.98	1.0	3.40	111.7
707	9/16/2010 20:01	13.27	51.78	34.01	9.48	7.98	1.5	3.37	111.9
708	9/16/2010 20:16	13.54	51.76	34.01	9.40	7.98	0.9	3.33	111.5
709	9/16/2010 20:31	14.00	51.75	34.02	9.52	7.99	2.0	3.27	114.1
710	9/16/2010 20:46	14.22	51.75	34.02	9.60	8.00	1.8	3.22	115.4
711	9/16/2010 21:01	14.53	51.75	34.03	9.60	8.00	2.2	3.16	116.2
712	9/16/2010 21:16	14.63	51.73	34.02	9.56	8.00	2.4	3.08	115.9
713	9/16/2010 21:31	14.90	51.74	34.04	9.58	8.00	2.1	3.01	116.8
714	9/16/2010 21:46	15.26	51.73	34.04	9.56	8.01	2.3	2.93	117.5
715	9/16/2010 22:01	15.52	51.74	34.05	9.54	8.01	2.6	2.85	117.8
716	9/16/2010 22:16	15.89	51.74	34.06	9.58	8.02	3.1	2.76	119.1
717	9/16/2010 22:31	16.22	51.74	34.07	9.59	8.02	3.3	2.68	120.0
718	9/16/2010 22:46	16.51	51.75	34.07	9.76	8.03	5.2	2.59	122.9
719	9/16/2010 23:01	16.58	51.75	34.07	9.69	8.03	4.2	2.50	122.2
720	9/16/2010 23:16	16.71	51.74	34.07	9.70	8.03	4.8	2.40	122.6
721	9/16/2010 23:31	16.85	51.76	34.09	9.67	8.03	4.6	2.32	122.5
722	9/16/2010 23:46	16.95	51.73	34.07	9.54	8.02	5.0	2.22	121.2
723	9/17/2010 0:01	16.99	51.76	34.09	9.37	8.01	15.8	2.12	119.1
724	9/17/2010 0:16	17.01	51.76	34.09	9.23	8.00	17.5	2.04	117.4
725	9/17/2010 0:31	17.05	51.76	34.09	9.16	7.99	12.6	1.94	116.6
726	9/17/2010 0:46	17.20	51.76	34.09	9.08	8.00	6.8	1.85	115.9
727	9/17/2010 1:01	17.50	51.78	34.11	9.21	8.01	6.8	1.79	118.1
728	9/17/2010 1:16	17.55	51.79	34.12	9.14	8.00	8.9	1.70	117.4
729	9/17/2010 1:31	17.88	51.80	34.13	9.39	8.03	3.8	1.66	121.4
730	9/17/2010 1:46	17.97	51.39	33.83	9.40	8.03	3.5	1.65	121.5
731	9/17/2010 2:01	18.01	51.53	33.93	9.40	8.03	3.2	1.61	121.6
732	9/17/2010 2:16	18.04	51.30	33.76	9.33	8.03	56.0	1.60	120.7
733	9/17/2010 2:31	17.92	51.61	33.99	9.36	8.02	48.4	1.61	121.0
734	9/17/2010 2:46	17.84	51.79	34.12	9.32	8.02	5.0	1.64	120.4
735	9/17/2010 3:01	17.78	51.79	34.12	9.33	8.01	2.9	1.67	120.4
736	9/17/2010 3:16	17.75	51.79	34.12	9.32	8.01	2.7	1.70	120.2
737	9/17/2010 3:31	17.70	51.78	34.11	9.40	8.01	3.2	1.76	121.1
738	9/17/2010 3:46	17.67	51.78	34.11	9.38	8.01	3.1	1.81	120.8
739	9/17/2010 4:01	17.82	51.69	34.05	9.08	7.99	4.0	1.87	117.2
740	9/17/2010 4:16	17.75	51.70	34.05	9.12	7.98	4.2	1.93	117.6
741	9/17/2010 4:31	17.70	51.70	34.06	9.02	7.99	4.2	1.99	116.2

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	
742	9/17/2010 4:46	17.76	51.66	34.02	8.88	7.97	4.6	2.07	114.5
743	9/17/2010 5:01	17.57	51.69	34.05	9.02	7.98	5.0	2.12	115.9
744	9/17/2010 5:16	17.44	51.72	34.06	9.11	7.99	4.5	2.19	116.7
745	9/17/2010 5:31	17.17	51.71	34.05	9.05	7.98	5.4	2.26	115.4
746	9/17/2010 5:46	16.89	51.71	34.05	8.97	7.97	4.8	2.33	113.7
747	9/17/2010 6:01	16.69	51.70	34.04	8.84	7.96	5.2	2.39	111.7
748	9/17/2010 6:16	16.51	51.72	34.05	8.81	7.95	4.2	2.45	110.9
749	9/17/2010 6:31	16.37	51.72	34.05	8.77	7.95	3.1	2.52	110.1
750	9/17/2010 6:46	16.17	51.71	34.04	8.80	7.95	2.6	2.60	110.1
751	9/17/2010 7:01	16.10	51.72	34.05	8.81	7.95	2.8	2.66	109.9
752	9/17/2010 7:16	15.94	51.72	34.04	8.80	7.95	3.3	2.72	109.6
753	9/17/2010 7:31	15.66	51.67	34.00	8.78	7.94	3.0	2.78	108.6
754	9/17/2010 7:46	15.44	51.67	34.00	8.79	7.94	3.3	2.84	108.3
755	9/17/2010 8:01	15.23	51.69	34.01	8.82	7.94	3.1	2.90	108.2
756	9/17/2010 8:16	14.96	51.69	34.00	8.85	7.94	3.0	2.94	108.1
757	9/17/2010 8:31	14.75	51.68	33.99	8.90	7.94	2.3	2.99	108.2
758	9/17/2010 8:46	14.64	51.69	33.99	8.91	7.94	2.3	3.04	108.1
759	9/17/2010 9:01	14.54	51.69	33.99	8.90	7.94	2.0	3.07	107.7
760	9/17/2010 9:16	14.47	51.70	33.99	8.86	7.94	1.7	3.10	107.1
761	9/17/2010 9:31	14.40	51.74	34.02	8.81	7.94	1.1	3.12	106.3
762	9/17/2010 9:46	14.48	51.63	33.95	8.73	7.93	1.8	3.11	105.5
763	9/17/2010 10:01	14.38	51.42	33.79	8.80	7.94	1.7	3.11	106.1
764	9/17/2010 10:16	14.42	51.70	33.99	8.76	7.94	1.4	3.08	105.7
765	9/17/2010 10:31	14.63	51.71	34.00	8.76	7.94	1.9	3.03	106.2
766	9/17/2010 10:46	15.11	51.59	33.93	8.77	7.95	2.6	3.00	107.3
767	9/17/2010 11:01	15.23	51.68	34.00	8.75	7.95	2.5	2.94	107.4
768	9/17/2010 11:16	15.41	51.61	33.95	8.78	7.95	2.6	2.89	108.1
769	9/17/2010 11:31	15.55	51.59	33.94	8.78	7.95	2.6	2.83	108.4
770	9/17/2010 11:46	15.75	51.70	34.02	8.75	7.95	2.8	2.79	108.5
771	9/17/2010 12:01	15.98	51.71	34.04	8.74	7.95	2.4	2.74	108.9
772	9/17/2010 12:16	16.20	51.56	33.93	8.81	7.96	2.4	2.68	110.2
773	9/17/2010 12:31	16.36	51.69	34.03	8.81	7.96	2.4	2.65	110.6
774	9/17/2010 12:46	16.50	51.50	33.89	8.92	7.97	2.7	2.61	112.1
775	9/17/2010 13:01	16.67	51.69	34.03	9.17	7.99	2.9	2.57	115.8
776	9/17/2010 13:16	16.78	51.59	33.96	9.06	7.98	2.9	2.54	114.6
777	9/17/2010 13:31	16.89	51.64	34.00	9.18	7.99	3.0	2.51	116.4
778	9/17/2010 13:46	16.99	51.63	34.00	9.08	7.99	2.5	2.49	115.3
779	9/17/2010 14:01	16.98	51.66	34.01	9.14	7.99	2.5	2.46	116.1
780	9/17/2010 14:16	17.06	51.70	34.05	9.11	8.00	2.8	2.46	115.9
781	9/17/2010 14:31	17.03	51.55	33.94	9.21	8.00	3.2	2.45	117.1
782	9/17/2010 14:46	17.07	51.69	34.04	9.13	7.99	2.7	2.44	116.2
783	9/17/2010 15:01	17.04	51.66	34.02	9.11	7.98	2.9	2.48	115.8
784	9/17/2010 15:16	16.94	51.71	34.05	8.97	7.97	4.4	2.49	113.8
785	9/17/2010 15:31	16.91	51.69	34.04	8.87	7.97	3.4	2.51	112.5
786	9/17/2010 15:46	16.80	51.67	34.02	8.90	7.97	3.1	2.55	112.7
787	9/17/2010 16:01	16.72	51.66	34.02	8.85	7.96	3.8	2.60	111.9
788	9/17/2010 16:16	16.60	51.64	33.99	8.82	7.95	3.8	2.63	111.2
789	9/17/2010 16:31	16.43	51.65	34.00	8.87	7.96	3.7	2.68	111.4
790	9/17/2010 16:46	16.31	51.64	33.99	8.89	7.96	2.6	2.74	111.5
791	9/17/2010 17:01	16.18	51.67	34.01	8.78	7.95	2.7	2.78	109.8
792	9/17/2010 17:16	15.93	51.67	34.01	8.76	7.94	2.4	2.83	109.0
793	9/17/2010 17:31	15.61	51.61	33.95	8.79	7.94	2.7	2.89	108.6
794	9/17/2010 17:46	15.30	51.63	33.97	8.88	7.94	2.3	2.95	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	DO%
			mS/cm		mg/L		NTU	meters	
795	9/17/2010 18:01	15.13	51.62	33.96	8.93	7.95	1.8	3.00	109.4
796	9/17/2010 18:16	14.90	51.63	33.95	8.97	7.94	1.8	3.06	109.3
797	9/17/2010 18:31	14.65	51.64	33.96	9.04	7.95	1.5	3.12	109.7
798	9/17/2010 18:46	14.55	51.64	33.95	9.03	7.95	1.8	3.17	109.3
799	9/17/2010 19:01	14.36	51.66	33.96	9.09	7.95	1.5	3.22	109.6
800	9/17/2010 19:16	14.15	51.68	33.97	9.11	7.94	1.5	3.27	109.4
801	9/17/2010 19:31	13.96	51.68	33.97	9.11	7.95	1.3	3.31	109.0
802	9/17/2010 19:46	13.76	51.70	33.97	9.14	7.94	1.3	3.35	108.9
803	9/17/2010 20:01	13.67	51.69	33.96	9.09	7.94	1.5	3.37	108.0
804	9/17/2010 20:16	13.61	51.70	33.96	9.06	7.94	1.0	3.38	107.5
805	9/17/2010 20:31	13.67	51.63	33.91	8.95	7.94	1.5	3.40	106.4
806	9/17/2010 20:46	13.55	51.67	33.94	9.01	7.94	1.3	3.39	106.9
807	9/17/2010 21:01	13.50	51.72	33.97	8.97	7.94	1.4	3.37	106.3
808	9/17/2010 21:16	13.53	51.70	33.96	8.98	7.94	1.0	3.34	106.4
809	9/17/2010 21:31	13.82	51.68	33.96	8.95	7.94	1.3	3.29	106.7
810	9/17/2010 21:46	14.44	51.64	33.95	8.95	7.96	2.0	3.24	108.1
811	9/17/2010 22:01	14.68	51.61	33.93	8.95	7.96	2.3	3.17	108.6
812	9/17/2010 22:16	14.97	51.62	33.95	8.92	7.97	2.3	3.10	108.9
813	9/17/2010 22:31	15.00	51.61	33.94	8.88	7.96	2.4	3.03	108.5
814	9/17/2010 22:46	15.28	51.61	33.95	8.85	7.97	2.4	2.96	108.7
815	9/17/2010 23:01	15.61	51.60	33.95	8.76	7.97	2.9	2.87	108.3
816	9/17/2010 23:16	15.79	51.58	33.94	8.74	7.97	3.5	2.79	108.5
817	9/17/2010 23:31	16.09	51.58	33.95	8.59	7.97	4.6	2.70	107.2
818	9/17/2010 23:46	16.39	51.27	33.72	8.57	7.97	4.0	2.60	107.4
819	9/18/2010 0:01	16.47	51.60	33.97	8.52	7.97	4.0	2.52	107.1
820	9/18/2010 0:16	16.49	51.57	33.95	8.40	7.97	4.5	2.42	105.6
821	9/18/2010 0:31	16.50	51.58	33.95	8.29	7.96	4.5	2.34	104.3
822	9/18/2010 0:46	16.72	51.60	33.97	8.28	7.96	4.8	2.23	104.6
823	9/18/2010 1:01	16.83	51.61	33.98	8.26	7.95	5.4	2.13	104.6
824	9/18/2010 1:16	16.87	51.60	33.97	8.20	7.95	4.6	2.04	103.9
825	9/18/2010 1:31	16.89	51.63	34.00	8.12	7.94	4.3	1.96	102.9
826	9/18/2010 1:46	16.96	51.62	33.99	8.05	7.93	6.2	1.86	102.2
827	9/18/2010 2:01	17.06	51.63	34.00	7.99	7.93	5.2	1.78	101.7
828	9/18/2010 2:16	17.38	51.67	34.03	8.06	7.94	3.5	1.72	103.2
829	9/18/2010 2:31	17.43	51.64	34.01	8.01	7.94	3.3	1.67	102.6
830	9/18/2010 2:46	17.85	51.63	34.01	8.10	7.96	3.0	1.61	104.6
831	9/18/2010 3:01	17.80	51.65	34.02	8.13	7.96	2.8	1.60	104.9
832	9/18/2010 3:16	17.82	51.69	34.05	8.06	7.95	3.1	1.61	104.1
833	9/18/2010 3:31	18.01	51.66	34.02	8.10	7.96	2.9	1.60	105.0
834	9/18/2010 3:46	17.97	51.67	34.03	8.19	7.96	3.1	1.64	106.0
835	9/18/2010 4:01	17.77	51.66	34.03	8.23	7.96	2.9	1.67	106.1
836	9/18/2010 4:16	17.78	51.66	34.02	8.30	7.96	2.9	1.73	107.0
837	9/18/2010 4:31	17.75	51.64	34.01	8.29	7.96	3.2	1.79	106.8
838	9/18/2010 4:46	17.81	51.54	33.94	8.02	7.93	4.5	1.83	103.5
839	9/18/2010 5:01	17.80	51.50	33.91	7.97	7.93	4.5	1.92	102.8
840	9/18/2010 5:16	17.73	51.51	33.92	7.96	7.93	4.6	1.97	102.5
841	9/18/2010 5:31	17.73	51.46	33.88	7.92	7.92	4.8	2.03	101.9
842	9/18/2010 5:46	17.63	51.50	33.90	7.95	7.92	4.9	2.10	102.2
843	9/18/2010 6:01	17.47	51.55	33.94	8.05	7.93	4.8	2.17	103.2
844	9/18/2010 6:16	17.37	51.50	33.91	8.06	7.93	4.3	2.25	103.0
845	9/18/2010 6:31	17.08	51.50	33.90	8.08	7.92	5.4	2.32	102.8
846	9/18/2010 6:46	16.91	51.02	33.54	8.13	7.92	5.2	2.39	102.8
847	9/18/2010 7:01	16.64	51.46	33.87	8.23	7.93	4.9	2.47	103.7

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	
848	9/18/2010 7:16	16.44	51.17	33.65	8.30	7.92	4.4	2.56	104.1
849	9/18/2010 7:31	16.29	51.49	33.88	8.33	7.92	4.2	2.63	104.3
850	9/18/2010 7:46	16.18	51.60	33.96	8.34	7.93	3.8	2.70	104.3
851	9/18/2010 8:01	15.92	51.69	34.02	8.35	7.92	4.5	2.77	103.9
852	9/18/2010 8:16	15.70	51.71	34.04	8.33	7.92	3.8	2.84	103.3
853	9/18/2010 8:31	15.47	51.53	33.90	8.36	7.91	4.2	2.90	103.0
854	9/18/2010 8:46	15.18	51.51	33.87	8.37	7.91	3.8	2.96	102.6
855	9/18/2010 9:01	14.90	51.49	33.85	8.41	7.91	3.3	3.02	102.4
856	9/18/2010 9:16	14.65	51.51	33.86	8.43	7.91	3.0	3.08	102.2
857	9/18/2010 9:31	14.50	51.53	33.87	8.45	7.90	2.8	3.12	102.1
858	9/18/2010 9:46	14.39	51.50	33.85	8.46	7.91	2.3	3.17	102.1
859	9/18/2010 10:01	14.25	51.52	33.86	8.50	7.91	2.0	3.20	102.1
860	9/18/2010 10:16	13.99	51.55	33.87	8.52	7.91	1.4	3.22	101.9
861	9/18/2010 10:31	14.47	51.45	33.81	8.36	7.90	3.2	3.21	101.0
862	9/18/2010 10:46	14.06	51.50	33.83	8.46	7.90	1.7	3.21	101.3
863	9/18/2010 11:01	14.16	51.50	33.83	8.42	7.90	2.0	3.19	101.1
864	9/18/2010 11:16	14.30	51.51	33.85	8.41	7.90	2.6	3.13	101.2
865	9/18/2010 11:31	14.84	51.47	33.83	8.29	7.91	2.7	3.08	100.8
866	9/18/2010 11:46	14.96	51.47	33.84	8.25	7.91	3.1	3.02	100.6
867	9/18/2010 12:01	15.23	51.48	33.85	8.20	7.91	2.6	2.97	100.5
868	9/18/2010 12:16	15.36	51.44	33.83	8.18	7.91	4.3	2.91	100.5
869	9/18/2010 12:31	15.63	51.42	33.82	8.17	7.91	2.9	2.83	100.9
870	9/18/2010 12:46	15.76	51.48	33.86	8.08	7.91	3.2	2.79	100.1
871	9/18/2010 13:01	15.92	51.42	33.82	8.08	7.92	3.0	2.73	100.4
872	9/18/2010 13:16	16.01	51.38	33.79	8.26	7.92	3.4	2.67	102.7
873	9/18/2010 13:31	16.14	51.36	33.78	8.33	7.93	2.8	2.62	103.9
874	9/18/2010 13:46	16.23	51.36	33.78	8.39	7.94	3.0	2.58	104.8
875	9/18/2010 14:01	16.39	51.33	33.77	8.32	7.93	3.0	2.53	104.4
876	9/18/2010 14:16	16.36	51.31	33.75	8.44	7.94	2.6	2.48	105.7
877	9/18/2010 14:31	16.49	51.33	33.76	8.38	7.94	2.3	2.44	105.3
878	9/18/2010 14:46	16.57	51.24	33.70	8.38	7.94	2.3	2.41	105.3
879	9/18/2010 15:01	16.81	51.16	33.65	8.27	7.94	2.5	2.37	104.5
880	9/18/2010 15:16	16.90	51.23	33.70	8.24	7.93	2.3	2.36	104.3
881	9/18/2010 15:31	16.95	51.28	33.73	7.97	7.92	2.2	2.35	101.0
882	9/18/2010 15:46	16.79	51.32	33.76	8.24	7.93	2.6	2.35	104.1
883	9/18/2010 16:01	16.66	51.24	33.70	8.23	7.92	3.2	2.37	103.7
884	9/18/2010 16:16	16.71	51.27	33.72	8.15	7.92	3.4	2.40	102.7
885	9/18/2010 16:31	16.77	51.35	33.79	8.09	7.92	3.6	2.44	102.2
886	9/18/2010 16:46	16.79	51.33	33.77	8.04	7.91	4.1	2.48	101.5
887	9/18/2010 17:01	16.75	51.25	33.71	8.06	7.91	4.8	2.54	101.7
888	9/18/2010 17:16	16.65	51.25	33.71	7.94	7.90	4.0	2.59	100.0
889	9/18/2010 17:31	16.47	51.31	33.75	7.96	7.90	3.8	2.65	99.9
890	9/18/2010 17:46	16.29	51.34	33.77	8.02	7.90	4.0	2.70	100.3
891	9/18/2010 18:01	16.06	51.35	33.77	8.06	7.90	3.7	2.76	100.4
892	9/18/2010 18:16	15.66	51.41	33.81	8.16	7.90	3.5	2.83	100.8
893	9/18/2010 18:31	15.41	51.37	33.78	8.23	7.90	3.0	2.87	101.2
894	9/18/2010 18:46	15.21	51.32	33.73	8.25	7.90	2.7	2.95	101.1
895	9/18/2010 19:01	14.96	51.32	33.73	8.26	7.90	2.3	3.00	100.7
896	9/18/2010 19:16	14.90	51.40	33.78	8.24	7.90	2.3	3.06	100.3
897	9/18/2010 19:31	14.77	51.36	33.75	8.27	7.90	2.3	3.12	100.4
898	9/18/2010 19:46	14.49	51.22	33.64	8.31	7.89	2.3	3.19	100.3
899	9/18/2010 20:01	14.19	51.31	33.70	8.35	7.89	2.3	3.24	100.2
900	9/18/2010 20:16	13.90	51.33	33.71	8.43	7.89	1.7	3.29	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	DO%
			mS/cm		mg/L		NTU	meters	
901	9/18/2010 20:31	13.78	51.41	33.76	8.44	7.89	1.9	3.35	100.4
902	9/18/2010 20:46	13.69	51.31	33.68	8.46	7.89	1.9	3.39	100.4
903	9/18/2010 21:01	13.44	51.18	33.58	8.56	7.89	1.6	3.42	101.0
904	9/18/2010 21:16	13.42	51.25	33.63	8.48	7.89	1.7	3.45	100.1
905	9/18/2010 21:31	13.42	51.21	33.60	8.43	7.89	1.2	3.46	99.6
906	9/18/2010 21:46	13.57	51.37	33.72	8.33	7.89	1.4	3.46	98.7
907	9/18/2010 22:01	13.41	51.36	33.71	8.40	7.88	0.9	3.44	99.1
908	9/18/2010 22:16	13.49	51.27	33.65	8.40	7.89	1.2	3.40	99.3
909	9/18/2010 22:31	13.61	51.23	33.62	8.36	7.89	1.3	3.35	99.1
910	9/18/2010 22:46	14.29	51.26	33.67	8.18	7.89	1.8	3.29	98.3
911	9/18/2010 23:01	14.78	50.76	33.31	8.03	7.89	3.3	3.22	97.3
912	9/18/2010 23:16	14.82	51.31	33.71	8.01	7.89	4.5	3.13	97.3
913	9/18/2010 23:31	14.85	51.35	33.75	8.01	7.89	3.5	3.06	97.4
914	9/18/2010 23:46	15.35	51.30	33.73	7.79	7.89	3.9	2.97	95.6
915	9/19/2010 0:01	15.40	50.64	33.24	7.81	7.89	3.9	2.89	95.7
916	9/19/2010 0:16	15.60	50.87	33.42	7.67	7.88	3.9	2.79	94.4
917	9/19/2010 0:31	15.80	50.64	33.25	7.59	7.87	4.3	2.70	93.7
918	9/19/2010 0:46	16.02	50.96	33.49	7.47	7.87	4.2	2.61	92.8
919	9/19/2010 1:01	16.20	51.16	33.64	7.43	7.87	5.7	2.50	92.7
920	9/19/2010 1:16	16.31	51.24	33.70	7.36	7.87	4.2	2.41	92.0
921	9/19/2010 1:31	16.47	51.08	33.58	7.35	7.87	4.7	2.31	92.2
922	9/19/2010 1:46	16.44	51.13	33.62	7.31	7.87	4.7	2.22	91.6
923	9/19/2010 2:01	16.42	51.15	33.63	7.27	7.86	4.5	2.11	91.1
924	9/19/2010 2:16	16.42	51.28	33.73	7.23	7.85	4.1	2.00	90.7
925	9/19/2010 2:31	16.49	51.30	33.75	7.25	7.86	4.0	1.92	91.0
926	9/19/2010 2:46	16.65	51.26	33.72	7.16	7.86	4.2	1.83	90.2
927	9/19/2010 3:01	16.82	51.23	33.70	7.13	7.86	3.7	1.76	90.1
928	9/19/2010 3:16	16.93	51.21	33.68	7.09	7.86	3.5	1.69	89.8
929	9/19/2010 3:31	17.16	50.64	33.27	6.97	7.85	65.1	1.66	88.4
930	9/19/2010 3:46	17.22	51.20	33.68	7.02	7.86	3.9	1.64	89.4
931	9/19/2010 4:01	17.27	51.22	33.69	6.95	7.86	2.8	1.61	88.6
932	9/19/2010 4:16	17.25	51.19	33.67	7.03	7.85	6.0	1.63	89.6
933	9/19/2010 4:31	17.37	51.22	33.70	7.08	7.86	7.2	1.65	90.4
934	9/19/2010 4:46	17.13	51.21	33.69	7.08	7.85	35.8	1.69	90.0
935	9/19/2010 5:01	17.27	51.26	33.72	7.19	7.86	4.3	1.75	91.6
936	9/19/2010 5:16	17.23	51.14	33.63	7.16	7.86	4.0	1.80	91.2
937	9/19/2010 5:31	17.16	51.10	33.61	7.12	7.85	4.3	1.88	90.5
938	9/19/2010 5:46	17.10	51.00	33.53	7.06	7.84	5.4	1.95	89.6
939	9/19/2010 6:01	17.07	50.97	33.51	7.01	7.83	5.6	2.03	88.9
940	9/19/2010 6:16	17.01	50.95	33.50	7.07	7.84	9.8	2.10	89.5
941	9/19/2010 6:31	16.94	51.13	33.62	7.11	7.84	6.8	2.17	90.0
942	9/19/2010 6:46	16.88	51.16	33.65	7.12	7.84	7.0	2.26	90.0
943	9/19/2010 7:01	16.66	51.01	33.54	7.17	7.85	5.3	2.33	90.2
944	9/19/2010 7:16	16.52	51.10	33.60	7.24	7.85	5.4	2.41	90.9
945	9/19/2010 7:31	16.40	51.18	33.66	7.42	7.86	5.1	2.49	93.0
946	9/19/2010 7:46	16.34	51.25	33.71	7.48	7.87	5.4	2.57	93.7
947	9/19/2010 8:01	16.22	51.14	33.62	7.54	7.87	4.7	2.64	94.2
948	9/19/2010 8:16	16.01	51.21	33.67	7.58	7.87	5.0	2.72	94.3
949	9/19/2010 8:31	15.84	51.11	33.60	7.58	7.86	6.0	2.79	93.9
950	9/19/2010 8:46	15.63	51.10	33.58	7.61	7.86	5.1	2.87	93.9
951	9/19/2010 9:01	15.42	51.16	33.62	7.65	7.86	4.3	2.93	94.0
952	9/19/2010 9:16	15.15	51.20	33.64	7.70	7.86	4.5	3.00	94.2
953	9/19/2010 9:31	14.80	51.28	33.69	7.83	7.86	4.1	3.07	95.1

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	
954	9/19/2010 9:46	14.59	51.29	33.69	7.88	7.86	3.4	3.13	95.3
955	9/19/2010 10:01	14.45	51.27	33.68	7.92	7.86	3.1	3.19	95.5
956	9/19/2010 10:16	14.28	51.24	33.65	7.96	7.86	2.6	3.23	95.7
957	9/19/2010 10:31	14.19	51.33	33.72	7.97	7.86	2.7	3.28	95.6
958	9/19/2010 10:46	14.10	51.33	33.71	8.00	7.86	2.3	3.30	95.9
959	9/19/2010 11:01	14.39	51.32	33.71	7.91	7.86	2.8	3.32	95.3
960	9/19/2010 11:16	14.04	51.25	33.65	7.91	7.86	3.9	3.31	94.6
961	9/19/2010 11:31	14.02	51.22	33.63	7.96	7.85	2.3	3.29	95.1
962	9/19/2010 11:46	14.11	51.33	33.71	7.90	7.85	2.6	3.26	94.6
963	9/19/2010 12:01	14.49	51.24	33.66	7.88	7.86	3.2	3.19	95.0
964	9/19/2010 12:16	14.61	51.29	33.70	7.86	7.86	3.7	3.13	95.1
965	9/19/2010 12:31	14.96	51.21	33.65	7.91	7.88	4.0	3.06	96.4
966	9/19/2010 12:46	15.23	51.21	33.66	7.90	7.88	4.5	2.99	96.7
967	9/19/2010 13:01	15.53	51.17	33.63	7.87	7.88	4.2	2.91	96.9
968	9/19/2010 13:16	15.79	51.10	33.59	8.32	7.93	6.2	2.83	103.0
969	9/19/2010 13:31	15.85	51.16	33.63	8.38	7.92	4.0	2.77	103.8
970	9/19/2010 13:46	16.03	51.00	33.51	8.49	7.94	7.0	2.70	105.6
971	9/19/2010 14:01	16.19	51.13	33.61	8.80	7.94	3.3	2.63	109.8
972	9/19/2010 14:16	16.42	51.09	33.59	8.63	7.93	8.9	2.56	108.1
973	9/19/2010 14:31	16.53	51.09	33.59	8.87	7.96	3.4	2.50	111.4
974	9/19/2010 14:46	16.68	51.07	33.58	8.77	7.96	3.7	2.44	110.5
975	9/19/2010 15:01	16.83	50.12	32.89	9.19	7.97	61.6	2.38	115.6
976	9/19/2010 15:16	17.06	50.97	33.51	9.38	8.00	3.0	2.33	118.9
977	9/19/2010 15:31	17.26	50.97	33.51	9.03	7.97	2.7	2.28	115.0
978	9/19/2010 15:46	17.34	50.97	33.51	9.37	7.99	2.9	2.23	119.5
979	9/19/2010 16:01	17.35	50.94	33.49	9.69	8.02	2.7	2.22	123.6
980	9/19/2010 16:16	17.32	49.59	32.50	9.53	7.99	66.2	2.21	120.8
981	9/19/2010 16:31	17.08	50.95	33.50	9.04	7.96	3.8	2.20	114.7
982	9/19/2010 16:46	17.12	51.03	33.55	8.20	7.91	3.5	2.23	104.1
983	9/19/2010 17:01	17.06	50.97	33.51	8.67	7.94	4.3	2.25	109.9
984	9/19/2010 17:16	17.02	50.97	33.51	8.47	7.92	4.2	2.28	107.3
985	9/19/2010 17:31	17.02	50.85	33.42	8.41	7.92	5.3	2.34	106.4
986	9/19/2010 17:46	16.99	50.92	33.47	8.24	7.90	5.1	2.40	104.4
987	9/19/2010 18:01	17.03	50.82	33.40	8.11	7.89	4.5	2.46	102.7
988	9/19/2010 18:16	16.88	50.92	33.47	8.07	7.89	4.6	2.53	102.0
989	9/19/2010 18:31	16.74	50.97	33.50	8.05	7.89	4.6	2.59	101.4
990	9/19/2010 18:46	16.63	50.99	33.52	8.04	7.89	5.1	2.66	101.2
991	9/19/2010 19:01	16.42	51.01	33.53	8.00	7.88	4.9	2.72	100.2
992	9/19/2010 19:16	16.21	51.07	33.57	7.93	7.88	4.6	2.79	99.0
993	9/19/2010 19:31	15.92	51.14	33.62	7.85	7.86	4.1	2.86	97.4
994	9/19/2010 19:46	15.75	51.16	33.63	7.80	7.86	3.2	2.93	96.5
995	9/19/2010 20:01	15.61	51.16	33.63	7.81	7.86	3.1	2.99	96.4
996	9/19/2010 20:16	15.40	51.03	33.53	7.86	7.86	3.5	3.06	96.5
997	9/19/2010 20:31	15.10	50.84	33.38	7.91	7.86	3.1	3.13	96.5
998	9/19/2010 20:46	14.85	51.23	33.66	7.95	7.85	3.5	3.19	96.6
999	9/19/2010 21:01	14.57	51.28	33.69	8.00	7.85	3.3	3.26	96.7
1000	9/19/2010 21:16	14.40	51.25	33.66	8.02	7.86	5.2	3.32	96.6
1001	9/19/2010 21:31	14.10	51.25	33.65	8.21	7.85	5.2	3.38	98.3
1002	9/19/2010 21:46	13.95	51.29	33.68	8.24	7.85	2.5	3.42	98.3
1003	9/19/2010 22:01	13.82	51.32	33.69	8.28	7.85	2.3	3.45	98.6
1004	9/19/2010 22:16	13.82	51.28	33.66	8.21	7.86	1.8	3.47	97.7
1005	9/19/2010 22:31	14.09	51.29	33.68	8.07	7.85	2.5	3.49	96.6
1006	9/19/2010 22:46	13.86	51.31	33.69	8.12	7.85	2.1	3.47	96.8

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	
1007	9/19/2010 23:01	13.76	51.34	33.71	8.15	7.85	1.7	3.44	96.9
1008	9/19/2010 23:16	13.90	51.27	33.66	8.13	7.85	2.8	3.39	96.9
1009	9/19/2010 23:31	14.62	51.22	33.64	8.03	7.88	4.7	3.33	97.1
1010	9/19/2010 23:46	14.56	51.30	33.70	7.99	7.86	3.0	3.26	96.6
1011	9/20/2010 0:01	14.86	51.12	33.58	7.91	7.87	3.6	3.18	96.1
1012	9/20/2010 0:16	15.02	51.28	33.70	7.86	7.87	4.4	3.09	95.9
1013	9/20/2010 0:31	15.40	51.25	33.69	7.81	7.88	5.0	3.00	95.9
1014	9/20/2010 0:46	15.65	51.22	33.67	7.69	7.88	4.6	2.90	95.0
1015	9/20/2010 1:01	15.87	51.16	33.63	7.55	7.87	4.2	2.82	93.6
1016	9/20/2010 1:16	16.11	51.18	33.65	7.61	7.87	4.3	2.71	94.8
1017	9/20/2010 1:31	16.28	51.16	33.64	7.63	7.88	4.6	2.61	95.4
1018	9/20/2010 1:46	16.40	51.19	33.66	7.74	7.88	5.1	2.52	97.0
1019	9/20/2010 2:01	16.58	51.15	33.64	7.81	7.89	5.6	2.42	98.2
1020	9/20/2010 2:16	16.63	51.14	33.63	7.83	7.89	5.1	2.32	98.5
1021	9/20/2010 2:31	16.65	50.66	33.28	7.84	7.88	8.6	2.20	98.5
1022	9/20/2010 2:46	16.86	51.08	33.59	7.78	7.89	15.8	2.11	98.4
1023	9/20/2010 3:01	16.81	50.92	33.47	7.68	7.87	6.5	2.00	96.9
1024	9/20/2010 3:16	16.95	50.93	33.48	7.64	7.88	7.2	1.89	96.6
1025	9/20/2010 3:31	17.12	51.02	33.54	7.73	7.88	5.5	1.81	98.1
1026	9/20/2010 3:46	17.28	50.98	33.52	7.75	7.89	4.0	1.76	98.7
1027	9/20/2010 4:01	17.26	50.93	33.48	7.67	7.87	3.8	1.70	97.6
1028	9/20/2010 4:16	17.29	50.94	33.49	7.64	7.87	3.6	1.64	97.3
1029	9/20/2010 4:31	17.32	50.89	33.45	7.58	7.87	5.5	1.62	96.6
1030	9/20/2010 4:46	17.30	50.90	33.46	7.64	7.87	4.5	1.63	97.3
1031	9/20/2010 5:01	17.28	50.95	33.50	7.74	7.88	4.4	1.64	98.6
1032	9/20/2010 5:16	17.26	50.98	33.52	7.78	7.88	3.3	1.67	99.0
1033	9/20/2010 5:31	17.24	50.96	33.51	7.75	7.88	4.0	1.72	98.6
1034	9/20/2010 5:46	17.27	50.99	33.52	7.82	7.89	3.2	1.79	99.6
1035	9/20/2010 6:01	17.21	50.92	33.47	7.72	7.87	3.9	1.85	98.1
1036	9/20/2010 6:16	17.17	50.70	33.31	7.62	7.86	4.3	1.93	96.7
1037	9/20/2010 6:31	17.14	50.64	33.27	7.56	7.85	4.5	2.01	95.9
1038	9/20/2010 6:46	17.13	50.43	33.12	7.48	7.85	5.1	2.08	94.8
1039	9/20/2010 7:01	17.09	50.73	33.33	7.49	7.84	5.6	2.17	94.9
1040	9/20/2010 7:16	17.03	50.75	33.35	7.49	7.85	5.2	2.24	94.8
1041	9/20/2010 7:31	16.93	50.78	33.37	7.48	7.85	5.1	2.32	94.5
1042	9/20/2010 7:46	16.68	50.95	33.49	7.45	7.84	5.7	2.40	93.7
1043	9/20/2010 8:01	16.51	51.01	33.53	7.46	7.84	5.7	2.49	93.6
1044	9/20/2010 8:16	16.39	51.05	33.56	7.48	7.85	5.4	2.57	93.6
1045	9/20/2010 8:31	16.25	51.14	33.62	7.52	7.85	5.1	2.65	93.9
1046	9/20/2010 8:46	16.15	51.04	33.55	7.54	7.85	5.4	2.72	94.0
1047	9/20/2010 9:01	15.98	51.18	33.65	7.53	7.85	6.0	2.81	93.6
1048	9/20/2010 9:16	15.80	51.15	33.62	7.53	7.84	5.9	2.89	93.3
1049	9/20/2010 9:31	15.59	50.49	33.14	7.58	7.84	5.4	2.95	93.2
1050	9/20/2010 9:46	15.27	51.17	33.62	7.65	7.83	6.2	3.03	93.7
1051	9/20/2010 10:01	15.00	51.19	33.64	7.73	7.84	5.6	3.10	94.2
1052	9/20/2010 10:16	14.81	51.20	33.63	7.78	7.83	5.1	3.17	94.5
1053	9/20/2010 10:31	14.49	50.99	33.48	7.91	7.84	4.5	3.23	95.3
1054	9/20/2010 10:46	14.27	51.14	33.57	7.99	7.84	3.9	3.28	95.9
1055	9/20/2010 11:01	14.19	50.92	33.41	8.02	7.84	2.7	3.33	96.1
1056	9/20/2010 11:16	14.08	50.94	33.42	8.05	7.84	2.6	3.35	96.2
1057	9/20/2010 11:31	14.09	50.94	33.42	7.99	7.84	2.1	3.37	95.5
1058	9/20/2010 11:46	14.32	51.21	33.63	7.91	7.84	2.5	3.37	95.1
1059	9/20/2010 12:01	14.03	51.07	33.52	8.02	7.84	2.7	3.35	95.7

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	
1060	9/20/2010 12:16	14.17	51.33	33.72	7.95	7.84	2.9	3.31	95.3
1061	9/20/2010 12:31	14.47	51.21	33.64	7.93	7.85	3.9	3.24	95.7
1062	9/20/2010 12:46	15.20	51.25	33.69	8.05	7.87	4.6	3.19	98.5
1063	9/20/2010 13:01	15.50	51.13	33.60	8.22	7.89	5.3	3.10	101.1
1064	9/20/2010 13:16	15.65	51.18	33.64	8.29	7.89	5.1	3.01	102.4
1065	9/20/2010 13:31	15.92	51.20	33.66	8.30	7.90	5.1	2.94	103.1
1066	9/20/2010 13:46	16.07	51.15	33.63	8.36	7.91	5.6	2.85	104.1
1067	9/20/2010 14:01	16.40	51.19	33.66	8.42	7.92	4.2	2.77	105.6
1068	9/20/2010 14:16	16.68	51.04	33.56	8.53	7.92	5.2	2.69	107.4
1069	9/20/2010 14:31	16.96	51.16	33.65	8.88	7.95	4.9	2.61	112.5
1070	9/20/2010 14:46	17.17	50.81	33.39	9.42	7.98	3.8	2.53	119.6
1071	9/20/2010 15:01	17.31	51.13	33.63	9.34	7.98	3.7	2.44	119.1
1072	9/20/2010 15:16	17.54	50.86	33.44	9.77	8.00	3.5	2.37	125.0
1073	9/20/2010 15:31	17.66	51.09	33.60	9.89	8.01	3.5	2.30	127.0
1074	9/20/2010 15:46	17.77	51.06	33.58	9.64	8.00	3.1	2.23	123.9
1075	9/20/2010 16:01	17.98	51.10	33.61	10.56	8.06	3.4	2.17	136.3
1076	9/20/2010 16:16	18.13	51.07	33.59	10.35	8.05	3.1	2.11	134.0
1077	9/20/2010 16:31	18.26	51.07	33.59	10.61	8.07	2.4	2.08	137.7
1078	9/20/2010 16:46	18.23	51.08	33.60	10.26	8.05	2.3	2.05	133.2
1079	9/20/2010 17:01	18.30	50.23	32.97	10.77	8.09	2.9	2.05	139.3
1080	9/20/2010 17:16	18.13	51.08	33.60	10.47	8.04	3.2	2.06	135.6
1081	9/20/2010 17:31	18.04	51.04	33.57	9.98	8.02	3.3	2.09	129.0
1082	9/20/2010 17:46	18.01	51.01	33.55	9.84	8.01	4.6	2.13	127.1
1083	9/20/2010 18:01	17.96	51.01	33.55	9.50	7.98	4.4	2.17	122.6
1084	9/20/2010 18:16	17.88	51.01	33.55	9.38	7.97	5.2	2.23	120.9
1085	9/20/2010 18:31	17.97	50.86	33.44	9.06	7.95	5.7	2.30	116.8
1086	9/20/2010 18:46	17.96	50.84	33.42	8.93	7.94	5.6	2.37	115.1
1087	9/20/2010 19:01	17.83	50.88	33.45	8.84	7.93	4.9	2.44	113.7
1088	9/20/2010 19:16	17.66	50.96	33.51	8.81	7.93	5.1	2.51	113.0
1089	9/20/2010 19:31	17.35	51.00	33.53	8.65	7.91	5.8	2.59	110.3
1090	9/20/2010 19:46	17.22	51.03	33.56	8.61	7.91	6.7	2.65	109.6
1091	9/20/2010 20:01	16.68	51.11	33.61	8.21	7.88	5.9	2.72	103.4
1092	9/20/2010 20:16	16.41	51.08	33.58	8.06	7.87	3.7	2.79	101.0
1093	9/20/2010 20:31	16.27	51.17	33.64	8.09	7.87	3.8	2.87	101.2
1094	9/20/2010 20:46	16.21	51.18	33.65	8.07	7.87	4.1	2.94	100.7
1095	9/20/2010 21:01	15.97	51.11	33.60	8.08	7.87	3.8	3.01	100.3
1096	9/20/2010 21:16	15.68	51.18	33.64	8.09	7.86	4.2	3.08	100.0
1097	9/20/2010 21:31	15.48	51.18	33.64	8.11	7.86	3.9	3.15	99.8
1098	9/20/2010 21:46	15.25	51.16	33.62	8.16	7.86	4.3	3.22	100.0
1099	9/20/2010 22:01	14.86	51.18	33.62	8.32	7.86	5.0	3.28	101.2
1100	9/20/2010 22:16	14.54	51.08	33.54	8.38	7.86	3.7	3.34	101.1
1101	9/20/2010 22:31	14.37	51.28	33.68	8.39	7.85	3.5	3.39	101.0
1102	9/20/2010 22:46	14.20	51.26	33.66	8.41	7.86	3.1	3.44	100.9
1103	9/20/2010 23:01	14.13	50.69	33.24	8.43	7.86	6.7	3.47	100.7
1104	9/20/2010 23:16	14.03	51.28	33.67	8.35	7.85	1.5	3.48	99.8
1105	9/20/2010 23:31	14.05	51.32	33.70	8.34	7.85	1.5	3.48	99.7
1106	9/20/2010 23:46	14.04	51.29	33.68	8.34	7.85	1.8	3.45	99.8
1107	9/21/2010 0:01	14.16	50.73	33.27	8.31	7.85	3.4	3.41	99.3
1108	9/21/2010 0:16	14.69	51.25	33.67	8.13	7.86	3.0	3.34	98.5
1109	9/21/2010 0:31	15.33	50.97	33.48	7.95	7.85	5.4	3.26	97.5
1110	9/21/2010 0:46	15.39	51.23	33.67	7.76	7.85	4.8	3.18	95.3
1111	9/21/2010 1:01	15.47	51.18	33.63	7.81	7.85	5.6	3.08	96.1
1112	9/21/2010 1:16	15.60	51.19	33.65	7.83	7.85	6.0	2.99	96.6

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	
1113	9/21/2010 1:31	15.62	51.21	33.66	7.69	7.84	6.3	2.88	94.9
1114	9/21/2010 1:46	15.98	51.20	33.66	7.85	7.85	5.9	2.79	97.5
1115	9/21/2010 2:01	16.45	51.14	33.63	7.76	7.87	6.2	2.69	97.3
1116	9/21/2010 2:16	16.65	51.03	33.55	7.71	7.88	4.6	2.59	97.0
1117	9/21/2010 2:31	16.60	51.14	33.63	7.61	7.85	5.0	2.49	95.7
1118	9/21/2010 2:46	16.69	51.14	33.63	7.69	7.86	4.6	2.39	96.9
1119	9/21/2010 3:01	16.86	50.95	33.50	7.76	7.87	5.0	2.29	98.0
1120	9/21/2010 3:16	16.86	50.34	33.04	7.72	7.87	5.1	2.18	97.2
1121	9/21/2010 3:31	16.84	51.11	33.61	7.72	7.86	5.4	2.07	97.6
1122	9/21/2010 3:46	16.95	51.08	33.59	7.70	7.87	4.6	2.00	97.5
1123	9/21/2010 4:01	17.10	51.04	33.56	7.85	7.87	4.6	1.89	99.6
1124	9/21/2010 4:16	17.14	50.89	33.45	7.83	7.87	4.0	1.81	99.4
1125	9/21/2010 4:31	17.32	50.74	33.34	7.94	7.89	3.7	1.76	101.1
1126	9/21/2010 4:46	17.58	50.92	33.48	8.15	7.92	3.5	1.70	104.4
1127	9/21/2010 5:01	17.66	50.81	33.40	8.35	7.93	2.9	1.68	107.0
1128	9/21/2010 5:16	17.83	50.98	33.53	8.40	7.94	2.6	1.66	108.1
1129	9/21/2010 5:31	17.80	50.95	33.50	8.37	7.94	4.9	1.67	107.7
1130	9/21/2010 5:46	17.80	51.01	33.54	8.52	7.94	6.2	1.70	109.6
1131	9/21/2010 6:01	17.70	50.68	33.30	8.43	7.93	3.5	1.75	108.1
1132	9/21/2010 6:16	17.75	50.90	33.46	8.43	7.93	7.3	1.80	108.3
1133	9/21/2010 6:31	17.69	50.99	33.53	8.38	7.92	3.6	1.87	107.6
1134	9/21/2010 6:46	17.73	50.73	33.34	8.10	7.90	5.1	1.95	103.9
1135	9/21/2010 7:01	17.66	50.11	32.88	8.07	7.89	6.1	2.03	103.1
1136	9/21/2010 7:16	17.64	50.61	33.25	7.94	7.88	5.6	2.11	101.6
1137	9/21/2010 7:31	17.51	50.81	33.40	8.01	7.88	5.2	2.19	102.4
1138	9/21/2010 7:46	17.37	50.81	33.40	8.00	7.88	5.3	2.27	102.0
1139	9/21/2010 8:01	17.20	50.92	33.47	7.92	7.87	5.8	2.36	100.7
1140	9/21/2010 8:16	16.90	51.01	33.54	7.88	7.86	6.3	2.43	99.6
1141	9/21/2010 8:31	16.73	50.58	33.22	7.89	7.86	5.1	2.51	99.2
1142	9/21/2010 8:46	16.60	51.03	33.55	7.86	7.87	5.5	2.60	98.9
1143	9/21/2010 9:01	16.43	51.11	33.61	7.87	7.86	5.9	2.68	98.7
1144	9/21/2010 9:16	16.33	50.42	33.09	7.88	7.85	6.4	2.76	98.2
1145	9/21/2010 9:31	16.13	50.62	33.24	7.88	7.86	5.4	2.84	98.0
1146	9/21/2010 9:46	15.91	51.02	33.53	7.83	7.84	5.5	2.92	97.1
1147	9/21/2010 10:01	15.72	51.14	33.61	7.85	7.84	6.5	3.00	97.0
1148	9/21/2010 10:16	15.28	50.46	33.10	7.98	7.84	6.5	3.08	97.4
1149	9/21/2010 10:31	15.05	50.58	33.19	8.04	7.83	6.5	3.15	97.8
1150	9/21/2010 10:46	14.77	51.16	33.61	8.08	7.84	5.2	3.22	98.1
1151	9/21/2010 11:01	14.40	50.61	33.20	8.23	7.84	5.6	3.29	98.8
1152	9/21/2010 11:16	14.17	51.02	33.48	8.27	7.84	4.3	3.34	99.0
1153	9/21/2010 11:31	14.03	50.94	33.42	8.32	7.84	3.7	3.39	99.4
1154	9/21/2010 11:46	13.91	50.64	33.20	8.36	7.86	3.5	3.42	99.4
1155	9/21/2010 12:01	13.88	50.60	33.17	8.31	7.84	2.5	3.43	98.7
1156	9/21/2010 12:16	14.08	51.18	33.60	8.24	7.84	3.1	3.42	98.6
1157	9/21/2010 12:31	13.95	51.26	33.65	8.32	7.85	2.9	3.39	99.3
1158	9/21/2010 12:46	14.11	51.22	33.63	8.22	7.84	4.3	3.35	98.4
1159	9/21/2010 13:01	14.70	51.23	33.65	8.27	7.86	4.2	3.28	100.2
1160	9/21/2010 13:16	15.31	51.07	33.55	8.53	7.90	6.7	3.19	104.5
1161	9/21/2010 13:31	15.48	51.12	33.59	8.58	7.91	6.3	3.11	105.5
1162	9/21/2010 13:46	15.64	51.09	33.58	8.55	7.91	7.1	3.02	105.5
1163	9/21/2010 14:01	15.74	51.05	33.55	8.46	7.89	6.9	2.93	104.6
1164	9/21/2010 14:16	16.04	50.91	33.45	8.82	7.92	6.2	2.83	109.6
1165	9/21/2010 14:31	16.14	50.34	33.04	9.27	7.93	4.4	2.75	115.2

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	
1166	9/21/2010 14:46	16.21	51.14	33.62	9.64	7.98	4.5	2.65	120.4
1167	9/21/2010 15:01	16.58	50.89	33.45	9.59	7.98		2.56	120.5
1168	9/21/2010 15:16	16.82	51.07	33.58	9.42	7.98	9.6	2.48	119.0
1169	9/21/2010 15:31	17.08	50.85	33.42	9.60	7.99		2.38	121.7
1170	9/21/2010 15:46	17.24	51.05	33.57	10.14	8.04	4.1	2.30	129.1
1171	9/21/2010 16:01	17.33	51.05	33.57	10.25	8.05	5.9	2.21	130.7
1172	9/21/2010 16:16	17.44	50.98	33.52	10.16	8.04	4.4	2.13	129.7
1173	9/21/2010 16:31	17.49	51.02	33.55	10.04	8.03	5.2	2.05	128.4
1174	9/21/2010 16:46	17.56	51.02	33.55	10.47	8.06	3.7	1.99	134.1
1175	9/21/2010 17:01	17.61	51.03	33.56	10.66	8.07	3.9	1.93	136.6
1176	9/21/2010 17:16	17.78	50.99	33.53	10.46	8.05	3.4	1.90	134.5
1177	9/21/2010 17:31	17.95	50.96	33.51	10.28	8.05	2.6	1.87	132.7
1178	9/21/2010 17:46	18.05	50.95	33.50	9.94	8.03	2.6	1.87	128.4
1179	9/21/2010 18:01	18.04	50.96	33.51	10.06	8.04	2.9	1.90	129.9
1180	9/21/2010 18:16	18.02	50.31	33.03	9.88	8.01	3.0	1.93	127.3
1181	9/21/2010 18:31	17.92	50.92	33.48	9.55	7.99	3.4	1.97	123.0
1182	9/21/2010 18:46	17.90	50.90	33.47	9.37	7.98	3.5	2.04	120.7
1183	9/21/2010 19:01	17.89	50.70	33.32	9.15	7.95	5.5	2.11	117.8
1184	9/21/2010 19:16	17.96	50.63	33.27	8.95	7.94	6.0	2.20	115.3
1185	9/21/2010 19:31	17.87	50.66	33.29	8.91	7.94	5.7	2.27	114.6
1186	9/21/2010 19:46	17.62	50.84	33.42	8.98	7.94	5.0	2.35	115.0
1187	9/21/2010 20:01	17.43	50.92	33.47	8.96	7.94	5.1	2.43	114.4
1188	9/21/2010 20:16	17.24	50.94	33.49	8.84	7.93	5.6	2.51	112.5
1189	9/21/2010 20:31	16.78	50.98	33.51	8.42	7.89	5.3	2.59	106.2
1190	9/21/2010 20:46	16.63	51.02	33.54	8.28	7.88	4.5	2.66	104.2
1191	9/21/2010 21:01	16.47	51.02	33.54	8.23	7.87	5.3	2.74	103.1
1192	9/21/2010 21:16	16.28	51.03	33.55	8.19	7.87	4.5	2.81	102.3
1193	9/21/2010 21:31	16.11	50.38	33.06	8.23	7.87	5.1	2.89	102.2
1194	9/21/2010 21:46	15.84	51.08	33.57	8.20	7.86	4.8	2.96	101.6
1195	9/21/2010 22:01	15.61	51.10	33.58	8.22	7.86	4.8	3.04	101.4
1196	9/21/2010 22:16	15.39	51.04	33.54	8.28	7.86	5.3	3.11	101.6
1197	9/21/2010 22:31	14.98	51.02	33.51	8.36	7.86	4.8	3.18	101.8
1198	9/21/2010 22:46	14.76	51.20	33.63	8.39	7.86	4.9	3.25	101.8
1199	9/21/2010 23:01	14.56	51.16	33.60	8.40	7.86	4.9	3.31	101.5
1200	9/21/2010 23:16	14.33	51.18	33.61	8.46	7.85	3.7	3.36	101.8
1201	9/21/2010 23:31	14.16	51.22	33.63	8.51	7.86	3.2	3.41	101.9
1202	9/21/2010 23:46	14.08	51.24	33.64	8.48	7.86	2.6	3.43	101.4
1203	9/22/2010 0:01	14.33	51.05	33.51	8.37	7.86	2.4	3.45	100.6
1204	9/22/2010 0:16	14.08	51.21	33.62	8.41	7.85	2.3	3.44	100.6
1205	9/22/2010 0:31	14.04	51.17	33.59	8.42	7.85	2.1	3.41	100.7
1206	9/22/2010 0:46	14.22	51.20	33.62	8.34	7.85	3.1	3.35	100.0
1207	9/22/2010 1:01	14.99	51.11	33.58	8.05	7.85	3.9	3.29	98.0
1208	9/22/2010 1:16	15.23	50.91	33.43	8.00	7.85	5.1	3.20	97.9
1209	9/22/2010 1:31	15.37	50.90	33.43	7.94	7.86	5.4	3.11	97.3
1210	9/22/2010 1:46	15.41	50.90	33.43	7.81	7.84	4.3	3.02	95.8
1211	9/22/2010 2:01	15.51	50.99	33.50	7.93	7.84	5.2	2.92	97.6
1212	9/22/2010 2:16	15.54	50.82	33.38	7.82	7.84	4.6	2.82	96.2
1213	9/22/2010 2:31	15.98	50.46	33.12	7.78	7.85	4.9	2.72	96.3
1214	9/22/2010 2:46	16.18	51.00	33.52	7.74	7.85	4.5	2.64	96.5
1215	9/22/2010 3:01	16.42	50.96	33.50	7.83	7.87	4.2	2.53	98.0
1216	9/22/2010 3:16	16.57	50.67	33.29	7.77	7.87	4.8	2.41	97.4
1217	9/22/2010 3:31	16.63	50.52	33.17	7.86	7.87	5.9	2.33	98.6
1218	9/22/2010 3:46	16.69	50.90	33.45	7.99	7.88	5.7	2.23	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	DO%
			mS/cm		mg/L		NTU	meters	
1219	9/22/2010 4:01	16.68	50.95	33.49	7.84	7.88	5.9	2.13	98.6
1220	9/22/2010 4:16	16.68	50.95	33.49	7.80	7.87	5.4	2.02	98.2
1221	9/22/2010 4:31	16.88	50.91	33.46	7.88	7.89	4.9	1.94	99.6
1222	9/22/2010 4:46	16.86	50.93	33.48	7.87	7.88	4.3	1.87	99.4
1223	9/22/2010 5:01	16.89	50.88	33.44	7.86	7.88	4.1	1.79	99.3
1224	9/22/2010 5:16	17.11	50.69	33.31	8.09	7.90	3.7	1.73	102.6
1225	9/22/2010 5:31	17.25	50.51	33.17	8.23	7.92	3.0	1.71	104.5
1226	9/22/2010 5:46	17.31	50.81	33.40	8.34	7.93	2.9	1.69	106.2
1227	9/22/2010 6:01	17.22	50.81	33.39	8.20	7.92	3.1	1.69	104.2
1228	9/22/2010 6:16	17.33	50.72	33.33	8.42	7.94	2.8	1.72	107.2
1229	9/22/2010 6:31	17.27	50.41	33.10	8.40	7.93	3.2	1.79	106.7
1230	9/22/2010 6:46	17.30	50.81	33.39	8.41	7.93	3.8	1.83	107.0
1231	9/22/2010 7:01	17.27	50.83	33.41	8.39	7.93	3.8	1.90	106.8
1232	9/22/2010 7:16	17.21	50.50	33.16	8.07	7.89	6.1	1.99	102.4
1233	9/22/2010 7:31	17.18	50.42	33.11	7.95	7.88	6.3	2.07	100.8
1234	9/22/2010 7:46	17.13	50.59	33.23	8.02	7.89	5.9	2.15	101.7
1235	9/22/2010 8:01	17.02	50.73	33.33	8.05	7.89	4.9	2.23	102.0
1236	9/22/2010 8:16	16.94	50.78	33.37	8.02	7.88	5.0	2.31	101.4
1237	9/22/2010 8:31	16.81	50.80	33.38	7.94	7.87	5.2	2.40	100.1
1238	9/22/2010 8:46	16.59	50.85	33.42	7.94	7.87	4.9	2.47	99.8
1239	9/22/2010 9:01	16.48	50.87	33.43	7.96	7.87	5.1	2.56	99.8
1240	9/22/2010 9:16	16.39	50.91	33.46	7.96	7.87	5.2	2.64	99.6
1241	9/22/2010 9:31	16.28	50.93	33.47	7.99	7.86	5.6	2.72	99.8
1242	9/22/2010 9:46	16.06	50.96	33.49	7.96	7.86	5.7	2.81	99.0
1243	9/22/2010 10:01	15.87	50.98	33.50	7.96	7.85	5.4	2.89	98.7
1244	9/22/2010 10:16	15.69	50.96	33.48	7.95	7.85	6.0	2.97	98.2
1245	9/22/2010 10:31	15.36	50.96	33.48	8.01	7.84	6.6	3.05	98.3
1246	9/22/2010 10:46	15.07	50.82	33.37	8.09	7.84	6.7	3.13	98.6
1247	9/22/2010 11:01	14.81	50.92	33.43	8.16	7.84	6.0	3.20	99.0
1248	9/22/2010 11:16	14.44	51.00	33.48	8.21	7.84	5.5	3.29	98.9
1249	9/22/2010 11:31	14.11	51.09	33.54	8.32	7.84	4.0	3.35	99.5
1250	9/22/2010 11:46	13.94	51.11	33.55	8.37	7.85	4.2	3.40	99.8
1251	9/22/2010 12:01	13.78	51.14	33.56	8.43	7.85	2.8	3.45	100.2
1252	9/22/2010 12:16	13.74	51.17	33.58	8.41	7.85	2.3	3.47	99.9
1253	9/22/2010 12:31	14.05	51.13	33.56	8.36	7.85	2.7	3.48	99.9
1254	9/22/2010 12:46	13.80	51.16	33.58	8.32	7.85	2.1	3.47	98.9
1255	9/22/2010 13:01	13.79	51.15	33.57	8.37	7.85	3.2	3.44	99.6
1256	9/22/2010 13:16	13.92	51.15	33.57	8.31	7.85	3.5	3.38	99.1
1257	9/22/2010 13:31	15.05	51.05	33.53	8.55	7.89	8.4	3.31	104.2
1258	9/22/2010 13:46	15.15	51.02	33.51	8.70	7.90	9.8	3.22	106.2
1259	9/22/2010 14:01	15.40	51.05	33.54	8.74	7.91	7.3	3.12	107.3
1260	9/22/2010 14:16	15.63	51.03	33.53	8.87	7.91	7.0	3.02	109.4
1261	9/22/2010 14:31	15.86	50.99	33.51	8.75	7.92	6.8	2.92	108.4
1262	9/22/2010 14:46	16.06	50.99	33.51	9.22	7.94	5.8	2.82	114.7
1263	9/22/2010 15:01	16.48	50.96	33.50	9.23	7.95	6.3	2.72	115.7
1264	9/22/2010 15:16	16.73	50.96	33.50	9.31	7.98	5.9	2.62	117.2
1265	9/22/2010 15:31	16.96	50.93	33.48	9.54	7.99	5.7	2.52	120.7
1266	9/22/2010 15:46	17.03	50.91	33.46	9.38	7.98	5.4	2.42	118.8
1267	9/22/2010 16:01	17.20	50.90	33.46	9.71	8.00	6.1	2.31	123.4
1268	9/22/2010 16:16	17.28	50.90	33.46	10.05	8.03	5.5	2.23	128.0
1269	9/22/2010 16:31	17.33	50.90	33.46	10.04	8.03	5.1	2.14	128.0
1270	9/22/2010 16:46	17.41	50.90	33.46	10.32	8.05	5.0	2.03	131.7
1271	9/22/2010 17:01	17.46	50.87	33.44	10.08	8.03	6.2	1.95	128.7

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		
1272	9/22/2010 17:16	17.54	50.88	33.45	10.20	8.05	8.0	1.89	130.5
1273	9/22/2010 17:31	17.63	50.82	33.41	10.69	8.08	7.2	1.82	137.0
1274	9/22/2010 17:46	17.65	50.76	33.36	10.47	8.08	14.2	1.78	134.1
1275	9/22/2010 18:01	17.75	49.75	32.62	10.45	8.07		1.74	133.6
1276	9/22/2010 18:16	17.78	50.62	33.26	10.45	8.10		1.76	134.2
1277	9/22/2010 18:31	17.84	50.81	33.40	10.26	8.06	4.9	1.77	132.0
1278	9/22/2010 18:46	17.91	50.78	33.38	9.97	8.04	4.2	1.79	128.5
1279	9/22/2010 19:01	17.81	50.83	33.41	9.82	8.02	3.0	1.84	126.3
1280	9/22/2010 19:16	17.89	50.65	33.28	9.82	8.02	17.8	1.91	126.3
1281	9/22/2010 19:31	17.80	50.80	33.39	9.73	8.01	4.7	2.00	125.0
1282	9/22/2010 19:46	17.86	50.47	33.15	9.19	7.97	7.5	2.06	118.1
1283	9/22/2010 20:01	17.84	50.42	33.11	9.12	7.96	6.6	2.15	117.1
1284	9/22/2010 20:16	17.66	50.61	33.25	9.21	7.97	6.1	2.24	117.9
1285	9/22/2010 20:31	17.52	50.72	33.33	9.31	7.97	5.7	2.33	118.9
1286	9/22/2010 20:46	17.41	50.64	33.27	9.26	7.96	4.9	2.41	118.0
1287	9/22/2010 21:01	17.19	50.76	33.35	9.09	7.94	5.4	2.48	115.4
1288	9/22/2010 21:16	16.88	50.83	33.40	8.65	7.91	4.7	2.57	109.3
1289	9/22/2010 21:31	16.74	50.59	33.23	8.54	7.90	5.1	2.65	107.5
1290	9/22/2010 21:46	16.62	50.87	33.43	8.46	7.89	5.4	2.72	106.4
1291	9/22/2010 22:01	16.43	50.85	33.41	8.44	7.89	4.8	2.80	105.7
1292	9/22/2010 22:16	16.22	50.93	33.47	8.41	7.88	5.3	2.88	104.9
1293	9/22/2010 22:31	15.99	50.92	33.46	8.43	7.88	4.8	2.95	104.7
1294	9/22/2010 22:46	15.82	50.96	33.48	8.43	7.88	5.1	3.03	104.4
1295	9/22/2010 23:01	15.44	50.91	33.44	8.50	7.88	5.8	3.10	104.4
1296	9/22/2010 23:16	15.14	50.89	33.42	8.51	7.87	5.3	3.17	103.8
1297	9/22/2010 23:31	14.96	50.98	33.48	8.53	7.87	4.0	3.24	103.7
1298	9/22/2010 23:46	14.76	50.99	33.48	8.54	7.87	4.0	3.30	103.4
1299	9/23/2010 0:01	14.45	51.04	33.51	8.57	7.87	3.1	3.35	103.2
1300	9/23/2010 0:16	14.36	51.00	33.48	8.55	7.87	5.6	3.39	102.8
1301	9/23/2010 0:31	14.28	50.95	33.44	8.50	7.87	2.0	3.41	102.0
1302	9/23/2010 0:46	14.54	51.10	33.55	8.43	7.87	2.5	3.41	101.8
1303	9/23/2010 1:01	14.23	51.01	33.48	8.45	7.86	2.3	3.40	101.3
1304	9/23/2010 1:16	14.35	51.09	33.54	8.45	7.86	2.4	3.36	101.6
1305	9/23/2010 1:31	14.90	51.02	33.51	8.30	7.87	4.2	3.29	100.9
1306	9/23/2010 1:46	15.40	50.95	33.47	8.03	7.87	7.0	3.22	98.6
1307	9/23/2010 2:01	15.24	51.01	33.50	8.16	7.88	7.3	3.13	99.8
1308	9/23/2010 2:16	15.40	50.89	33.43	8.12	7.88	9.1	3.04	99.7
1309	9/23/2010 2:31	15.54	50.65	33.25	8.11	7.87	9.5	2.95	99.7
1310	9/23/2010 2:46	15.46	50.93	33.45	7.96	7.85	9.6	2.85	97.8
1311	9/23/2010 3:01	15.75	50.79	33.36	8.02	7.87		2.75	99.0
1312	9/23/2010 3:16	16.09	50.96	33.49	7.97	7.88	5.2	2.66	99.2
1313	9/23/2010 3:31	16.22	50.90	33.45	7.97	7.89	5.8	2.56	99.4
1314	9/23/2010 3:46	16.21	50.95	33.48	7.98	7.88	5.4	2.47	99.5
1315	9/23/2010 4:01	16.23	50.94	33.48	7.92	7.88	5.2	2.37	98.8
1316	9/23/2010 4:16	16.19	50.95	33.48	8.02	7.88	6.1	2.27	99.9
1317	9/23/2010 4:31	16.20	50.94	33.47	7.86	7.88	5.7	2.18	98.0
1318	9/23/2010 4:46	16.34	50.93	33.47	8.06	7.90	5.1	2.10	100.8
1319	9/23/2010 5:01	16.21	50.90	33.45	7.96	7.88	4.6	2.00	99.3
1320	9/23/2010 5:16	16.42	50.91	33.46	8.08	7.90	4.2	1.92	101.2
1321	9/23/2010 5:31	16.55	50.90	33.45	8.20	7.92	3.7	1.88	103.0
1322	9/23/2010 5:46	16.66	50.89	33.45	8.29	7.94	3.2	1.83	104.3
1323	9/23/2010 6:01	16.75	50.87	33.43	8.38	7.96	3.1	1.79	105.6
1324	9/23/2010 6:16	16.87	50.87	33.43	8.55	7.96	20.4	1.79	108.0

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		
1325	9/23/2010 6:31	16.81	50.83	33.41	8.50	7.95	6.0	1.80	107.2
1326	9/23/2010 6:46	16.77	50.76	33.35	8.55	7.95	3.5	1.82	107.6
1327	9/23/2010 7:01	16.74	50.82	33.40	8.51	7.95	3.4	1.86	107.2
1328	9/23/2010 7:16	16.77	50.47	33.14	8.55	7.96	3.7	1.94	107.5
1329	9/23/2010 7:31	16.74	50.21	32.95	8.55	7.95	4.0	2.01	107.3
1330	9/23/2010 7:46	16.57	50.47	33.14	8.29	7.92	5.6	2.08	103.9
1331	9/23/2010 8:01	16.51	50.41	33.09	8.14	7.90	6.5	2.16	101.9
1332	9/23/2010 8:16	16.52	50.51	33.17	8.14	7.91	6.3	2.25	101.9
1333	9/23/2010 8:31	16.50	50.64	33.26	8.20	7.91	5.0	2.33	102.7
1334	9/23/2010 8:46	16.47	50.71	33.31	8.18	7.90	5.2	2.40	102.4
1335	9/23/2010 9:01	16.35	50.74	33.33	8.12	7.89	7.0	2.50	101.5
1336	9/23/2010 9:16	16.25	50.76	33.35	8.18	7.89	6.7	2.58	102.0
1337	9/23/2010 9:31	16.19	50.79	33.37	8.23	7.89	9.5	2.66	102.6
1338	9/23/2010 9:46	16.15	50.82	33.39	8.24	7.89	5.1	2.75	102.6
1339	9/23/2010 10:01	16.08	50.83	33.39	8.28	7.89	5.2	2.83	102.9
1340	9/23/2010 10:16	15.94	50.83	33.39	8.25	7.88	6.0	2.92	102.2
1341	9/23/2010 10:31	15.74	50.85	33.40	8.27	7.87	5.9	3.00	102.1
1342	9/23/2010 10:46	15.55	50.79	33.35	8.25	7.87	5.7	3.07	101.5
1343	9/23/2010 11:01	15.18	50.87	33.40	8.32	7.86	6.8	3.15	101.6
1344	9/23/2010 11:16	14.82	50.92	33.43	8.40	7.86	5.4	3.24	101.9
1345	9/23/2010 11:31	14.54	50.94	33.44	8.45	7.86	5.4	3.30	101.9
1346	9/23/2010 11:46	14.31	50.96	33.45	8.52	7.86	4.3	3.37	102.3
1347	9/23/2010 12:01	14.07	51.03	33.49	8.62	7.86	3.8	3.44	103.1
1348	9/23/2010 12:16	13.83	51.04	33.49	8.69	7.87	2.7	3.49	103.4
Mean		15.34	51.45	33.82	8.37	7.92	4.6	2.64	102.9
Minimum		10.88	49.59	32.50	6.80	7.79	0.3	1.24	77.9
Maximum		18.30	51.91	34.17	10.77	8.10	66.2	3.97	139.3

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	DO%
			mS/cm		mg/L		NTU	meters	
0	9/23/2010 12:46	13.57	50.31	32.94	8.18	7.94	3.2	3.56	96.4
1	9/23/2010 13:01	13.76	50.30	32.94	8.06	7.96	2.8	3.57	95.4
2	9/23/2010 13:16	13.63	50.33	32.96	8.10	7.97	3.1	3.55	95.6
3	9/23/2010 13:31	13.72	50.32	32.96	8.04	7.97	3.2	3.49	95.2
4	9/23/2010 13:46	14.59	50.24	32.93	8.30	8.01	5.2	3.42	99.9
5	9/23/2010 14:01	14.97	50.18	32.90	8.39	8.01	6.3	3.34	101.7
6	9/23/2010 14:16	15.42	50.15	32.88	8.62	8.03	6.2	3.25	105.5
7	9/23/2010 14:31	15.66	50.14	32.88	8.68	8.04	6.9	3.15	106.7
8	9/23/2010 14:46	15.87	50.11	32.86	8.85	8.05	8.2	3.03	109.3
9	9/23/2010 15:01	16.10	50.08	32.84	8.87	8.04	7.4	2.93	109.9
10	9/23/2010 15:16	16.49	50.06	32.83	9.21	8.08	7.3	2.83	115.0
11	9/23/2010 15:31	16.82	50.04	32.83	9.38	8.10	7.1	2.72	117.9
12	9/23/2010 15:46	16.96	50.04	32.82	9.78	8.12	6.3	2.61	123.2
13	9/23/2010 16:01	17.05	50.02	32.81	9.63	8.12	7.2	2.52	121.6
14	9/23/2010 16:16	17.10	50.01	32.80	9.60	8.12	6.2	2.41	121.3
15	9/23/2010 16:31	17.20	50.02	32.81	10.04	8.14	5.9	2.29	127.2
16	9/23/2010 16:46	17.28	50.02	32.81	10.16	8.15	5.5	2.19	128.9
17	9/23/2010 17:01	17.33	50.01	32.81	10.29	8.16	5.2	2.08	130.6
18	9/23/2010 17:16	17.35	50.02	32.81	10.36	8.17	4.8	1.99	131.6
19	9/23/2010 17:31	17.40	50.01	32.81	10.23	8.17	4.5	1.89	130.0
20	9/23/2010 17:46	17.54	49.99	32.80	10.32	8.18	4.6	1.80	131.5
21	9/23/2010 18:01	17.66	49.99	32.80	10.47	8.20	4.8	1.74	133.7
22	9/23/2010 18:16	17.69	49.97	32.78	10.19	8.16	4.3	1.70	130.2
23	9/23/2010 18:31	17.79	49.96	32.78	10.47	8.19	4.2	1.66	134.0
24	9/23/2010 18:46	17.91	49.96	32.77	10.48	8.20	3.8	1.65	134.5
25	9/23/2010 19:01	17.64	49.98	32.79	10.47	8.17	4.0	1.67	133.7
26	9/23/2010 19:16	17.80	49.95	32.77	10.33	8.18	3.6	1.72	132.3
27	9/23/2010 19:31	17.76	49.94	32.76	10.22	8.17	4.1	1.75	130.7
28	9/23/2010 19:46	17.80	49.93	32.75	10.37	8.18	4.2	1.83	132.8
29	9/23/2010 20:01	17.72	49.92	32.75	10.21	8.17	4.6	1.92	130.5
30	9/23/2010 20:16	17.90	49.58	32.50	9.50	8.11	7.4	2.00	121.7
31	9/23/2010 20:31	17.89	49.57	32.49	9.41	8.11	6.9	2.08	120.4
32	9/23/2010 20:46	17.76	49.70	32.59	9.50	8.11	6.2	2.17	121.4
33	9/23/2010 21:01	17.59	49.82	32.67	9.60	8.12	5.4	2.25	122.4
34	9/23/2010 21:16	17.50	49.86	32.70	9.57	8.12	5.7	2.33	121.8
35	9/23/2010 21:31	17.41	49.87	32.71	9.46	8.11	5.8	2.42	120.1
36	9/23/2010 21:46	17.10	49.93	32.75	8.93	8.07	5.6	2.50	112.7
37	9/23/2010 22:01	16.96	49.96	32.76	8.75	8.04	5.4	2.58	110.2
38	9/23/2010 22:16	16.87	49.98	32.78	8.67	8.04	6.0	2.66	109.0
39	9/23/2010 22:31	16.71	49.99	32.79	8.57	8.04	5.6	2.74	107.5
40	9/23/2010 22:46	16.55	50.01	32.80	8.49	8.03	6.1	2.83	106.1
41	9/23/2010 23:01	16.39	49.99	32.79	8.45	8.03	5.2	2.90	105.3
42	9/23/2010 23:16	16.22	50.02	32.80	8.38	8.02	6.1	2.98	104.0
43	9/23/2010 23:31	15.88	50.03	32.81	8.42	8.02	6.9	3.06	103.9
44	9/23/2010 23:46	15.61	50.06	32.82	8.41	8.02	6.6	3.13	103.2
45	9/24/2010 0:01	15.34	50.09	32.84	8.36	8.02	5.8	3.19	102.1
46	9/24/2010 0:16	15.13	50.11	32.85	8.34	8.01	4.9	3.25	101.4
47	9/24/2010 0:31	14.86	50.14	32.86	8.34	8.01	4.5	3.31	101.0
48	9/24/2010 0:46	14.65	50.17	32.87	8.36	8.01	3.5	3.36	100.8
49	9/24/2010 1:01	14.55	50.18	32.88	8.35	8.01	3.3	3.39	100.3
50	9/24/2010 1:16	14.52	50.17	32.88	8.24	8.02	2.7	3.41	99.0
51	9/24/2010 1:31	14.64	50.18	32.88	8.23	8.01	2.8	3.41	99.2
52	9/24/2010 1:46	14.45	50.18	32.88	8.29	8.02	2.8	3.39	99.5

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	
53	9/24/2010 2:01	14.54	50.17	32.88	8.28	8.02	3.8	3.34	99.6
54	9/24/2010 2:16	15.34	50.07	32.82	7.92	8.01	5.9	3.28	96.7
55	9/24/2010 2:31	15.48	50.07	32.82	7.89	8.01	7.2	3.20	96.6
56	9/24/2010 2:46	15.47	50.07	32.83	7.94	8.01	6.5	3.11	97.2
57	9/24/2010 3:01	15.58	50.06	32.82	7.88	8.00	5.6	3.03	96.7
58	9/24/2010 3:16	15.59	50.06	32.82	7.84	7.99	5.0	2.92	96.1
59	9/24/2010 3:31	15.44	50.09	32.84	7.77	7.98	4.8	2.85	95.1
60	9/24/2010 3:46	15.86	50.06	32.82	7.82	8.00	5.1	2.76	96.5
61	9/24/2010 4:01	16.03	50.04	32.81	7.75	8.00	5.2	2.66	95.9
62	9/24/2010 4:16	16.19	50.03	32.81	7.79	8.01	5.1	2.58	96.7
63	9/24/2010 4:31	16.24	50.02	32.80	7.76	8.01	5.3	2.50	96.5
64	9/24/2010 4:46	16.32	50.03	32.81	7.89	8.03	5.6	2.40	98.3
65	9/24/2010 5:01	16.25	50.03	32.81	7.81	8.02	5.5	2.33	97.0
66	9/24/2010 5:16	16.19	50.03	32.81	7.79	8.01	5.6	2.23	96.7
67	9/24/2010 5:31	16.14	50.03	32.81	7.81	8.01	5.4	2.14	96.9
68	9/24/2010 5:46	16.23	50.02	32.80	7.87	8.01	4.9	2.08	97.8
69	9/24/2010 6:01	16.33	50.01	32.79	8.00	8.04	4.3	2.01	99.5
70	9/24/2010 6:16	16.52	49.99	32.78	8.24	8.07	4.0	1.96	103.0
71	9/24/2010 6:31	16.56	49.98	32.77	8.26	8.07	3.8	1.95	103.3
72	9/24/2010 6:46	16.73	49.96	32.76	8.42	8.09	3.2	1.94	105.6
73	9/24/2010 7:01	16.61	49.96	32.77	8.30	8.07	3.5	1.92	103.8
74	9/24/2010 7:16	16.60	49.96	32.76	8.39	8.08	3.5	1.97	105.0
75	9/24/2010 7:31	16.63	49.95	32.76	8.40	8.08	3.5	2.01	105.1
76	9/24/2010 7:46	16.65	49.93	32.74	8.43	8.09	4.3	2.07	105.6
77	9/24/2010 8:01	16.63	49.93	32.74	8.43	8.08	4.6	2.17	105.6
78	9/24/2010 8:16	16.49	49.80	32.65	8.22	8.06	5.7	2.23	102.6
79	9/24/2010 8:31	16.40	49.66	32.54	8.04	8.05	6.9	2.29	100.0
80	9/24/2010 8:46	16.44	49.79	32.64	8.11	8.04	5.9	2.40	101.1
81	9/24/2010 9:01	16.40	49.86	32.69	8.10	8.04	5.2	2.48	100.9
82	9/24/2010 9:16	16.38	49.89	32.71	8.08	8.04	5.1	2.55	100.6
83	9/24/2010 9:31	16.33	49.93	32.74	8.07	8.03	4.8	2.63	100.4
84	9/24/2010 9:46	16.23	49.95	32.75	8.12	8.03	5.1	2.71	100.8
85	9/24/2010 10:01	16.18	49.97	32.76	8.15	8.03	5.1	2.80	101.2
86	9/24/2010 10:16	16.13	49.99	32.78	8.20	8.03	5.4	2.87	101.6
87	9/24/2010 10:31	16.04	50.00	32.79	8.23	8.03	5.6	2.96	101.8
88	9/24/2010 10:46	15.82	50.03	32.80	8.20	8.02	5.6	3.03	101.1
89	9/24/2010 11:01	15.66	50.04	32.80	8.17	8.02	6.4	3.13	100.4
90	9/24/2010 11:16	15.45	50.05	32.81	8.16	8.00	6.1	3.20	99.9
91	9/24/2010 11:31	14.91	50.10	32.83	8.24	8.01	7.3	3.28	99.8
92	9/24/2010 11:46	14.69	50.13	32.85	8.30	8.01	6.4	3.36	100.1
93	9/24/2010 12:01	14.42	50.16	32.86	8.35	8.01	5.6	3.42	100.1
94	9/24/2010 12:16	14.13	50.19	32.88	8.41	8.02	4.9	3.50	100.3
95	9/24/2010 12:31	13.92	50.21	32.89	8.45	8.02	4.2	3.55	100.3
96	9/24/2010 12:46	13.77	50.23	32.90	8.48	8.02	3.6	3.59	100.3
97	9/24/2010 13:01	13.65	50.25	32.91	8.45	8.02	3.1	3.63	99.8
98	9/24/2010 13:16	13.56	50.26	32.91	8.42	8.02	2.6	3.63	99.3
99	9/24/2010 13:31	13.66	50.25	32.90	8.37	8.01	3.0	3.61	98.9
100	9/24/2010 13:46	13.68	50.24	32.90	8.41	8.02	3.7	3.59	99.3
101	9/24/2010 14:01	13.88	50.22	32.89	8.39	8.02	4.1	3.55	99.5
102	9/24/2010 14:16	15.07	50.12	32.85	8.91	8.07	5.1	3.47	108.3
103	9/24/2010 14:31	15.17	50.10	32.84	8.92	8.07	6.5	3.37	108.6
104	9/24/2010 14:46	15.44	50.09	32.83	9.11	8.08	7.7	3.28	111.5
105	9/24/2010 15:01	15.71	50.06	32.82	9.16	8.09	6.6	3.18	112.6

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	
106	9/24/2010 15:16	15.91	50.04	32.81	9.33	8.10	7.9	3.06	115.3
107	9/24/2010 15:31	16.18	50.03	32.81	9.31	8.10	7.1	2.96	115.5
108	9/24/2010 15:46	16.47	50.03	32.81	10.17	8.16	5.6	2.85	126.9
109	9/24/2010 16:01	16.77	50.00	32.79	10.25	8.16	6.1	2.75	128.7
110	9/24/2010 16:16	16.96	49.97	32.78	10.02	8.15	6.6	2.64	126.2
111	9/24/2010 16:31	17.14	49.97	32.77	10.25	8.16	7.0	2.53	129.6
112	9/24/2010 16:46	17.27	49.96	32.77	10.46	8.19	6.7	2.42	132.6
113	9/24/2010 17:01	17.26	49.97	32.78	10.52	8.20	6.0	2.29	133.4
114	9/24/2010 17:16	17.32	49.96	32.77	10.45	8.19	5.4	2.19	132.6
115	9/24/2010 17:31	17.33	49.97	32.78	10.68	8.21	5.6	2.08	135.5
116	9/24/2010 17:46	17.34	49.97	32.78	10.44	8.20	5.2	1.95	132.6
117	9/24/2010 18:01	17.39	49.97	32.78	10.61	8.22	4.8	1.86	134.8
118	9/24/2010 18:16	17.43	49.96	32.77	10.37	8.21	4.5	1.77	131.9
119	9/24/2010 18:31	17.51	49.97	32.78	10.44	8.22	4.8	1.68	132.9
120	9/24/2010 18:46	17.58	49.95	32.76	10.21	8.21	4.5	1.65	130.2
121	9/24/2010 19:01	17.78	49.94	32.76	10.27	8.22	4.2	1.60	131.4
122	9/24/2010 19:16	17.86	49.92	32.74	10.14	8.21	4.0	1.58	129.9
123	9/24/2010 19:31	17.80	49.93	32.75	10.01	8.21	3.8	1.59	128.2
124	9/24/2010 19:46	17.86	49.92	32.75	10.42	8.22	3.6	1.63	133.5
125	9/24/2010 20:01	17.76	49.92	32.75	10.28	8.22	3.5	1.68	131.5
126	9/24/2010 20:16	17.83	49.91	32.74	10.27	8.22	4.0	1.73	131.6
127	9/24/2010 20:31	17.78	49.90	32.73	10.23	8.22	4.0	1.82	131.0
128	9/24/2010 20:46	17.84	49.71	32.60	9.73	8.18	6.2	1.90	124.5
129	9/24/2010 21:01	17.90	49.57	32.49	9.39	8.16	6.2	1.97	120.2
130	9/24/2010 21:16	17.87	49.59	32.50	9.36	8.15	6.3	2.05	119.8
131	9/24/2010 21:31	17.71	49.75	32.62	9.57	8.17	5.4	2.14	122.3
132	9/24/2010 21:46	17.61	49.81	32.67	9.61	8.17	5.3	2.23	122.6
133	9/24/2010 22:01	17.55	49.83	32.68	9.56	8.16	5.4	2.31	121.8
134	9/24/2010 22:16	17.45	49.85	32.69	9.43	8.15	5.6	2.39	119.9
135	9/24/2010 22:31	17.24	49.90	32.72	9.05	8.12	5.7	2.48	114.6
136	9/24/2010 22:46	17.15	49.91	32.74	8.92	8.11	5.7	2.56	112.8
137	9/24/2010 23:01	17.03	49.94	32.76	8.84	8.10	5.9	2.64	111.5
138	9/24/2010 23:16	16.88	49.96	32.77	8.77	8.10	5.6	2.72	110.3
139	9/24/2010 23:31	16.68	49.97	32.77	8.68	8.09	5.4	2.80	108.8
140	9/24/2010 23:46	16.52	49.94	32.75	8.59	8.08	6.0	2.89	107.4
141	9/25/2010 0:01	16.41	49.97	32.77	8.54	8.06	5.7	2.96	106.5
142	9/25/2010 0:16	16.17	49.98	32.77	8.52	8.07	5.8	3.02	105.7
143	9/25/2010 0:31	15.83	50.01	32.79	8.51	8.06	5.1	3.10	104.9
144	9/25/2010 0:46	15.62	50.03	32.80	8.47	8.06	4.9	3.17	104.0
145	9/25/2010 1:01	15.32	50.06	32.81	8.41	8.05	4.5	3.22	102.7
146	9/25/2010 1:16	15.05	50.09	32.83	8.39	8.05	3.9	3.26	101.8
147	9/25/2010 1:31	14.82	50.11	32.84	8.36	8.04	3.5	3.31	101.1
148	9/25/2010 1:46	14.70	50.12	32.84	8.30	8.04	3.4	3.33	100.1
149	9/25/2010 2:01	15.01	50.08	32.82	8.21	8.04	2.9	3.34	99.6
150	9/25/2010 2:16	14.68	50.13	32.85	8.18	8.03	3.1	3.32	98.6
151	9/25/2010 2:31	14.62	50.13	32.85	8.21	8.04	3.2	3.31	98.8
152	9/25/2010 2:46	14.85	50.11	32.84	8.21	8.04	3.7	3.26	99.2
153	9/25/2010 3:01	15.55	50.03	32.80	8.16	8.05	4.9	3.18	100.0
154	9/25/2010 3:16	15.74	50.02	32.79	7.97	8.03	5.7	3.10	98.1
155	9/25/2010 3:31	15.89	49.99	32.77	7.87	8.04	6.0	3.02	97.1
156	9/25/2010 3:46	16.03	49.98	32.77	7.96	8.05	5.4	2.93	98.5
157	9/25/2010 4:01	16.10	49.98	32.77	7.91	8.04	5.0	2.84	98.1
158	9/25/2010 4:16	16.08	49.99	32.78	7.82	8.04	4.9	2.76	96.9

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	
159	9/25/2010 4:31	16.23	49.98	32.77	7.84	8.05	5.2	2.66	97.4
160	9/25/2010 4:46	16.32	49.99	32.78	7.75	8.04	4.9	2.59	96.5
161	9/25/2010 5:01	16.61	49.97	32.77	7.95	8.06	4.8	2.53	99.5
162	9/25/2010 5:16	16.48	50.00	32.79	7.76	8.05	5.7	2.43	96.8
163	9/25/2010 5:31	16.54	49.99	32.78	7.80	8.05	5.4	2.35	97.4
164	9/25/2010 5:46	16.59	49.99	32.78	7.78	8.06	5.4	2.28	97.4
165	9/25/2010 6:01	16.61	50.00	32.79	7.85	8.06	5.1	2.21	98.3
166	9/25/2010 6:16	16.55	49.99	32.78	7.77	8.06	5.0	2.15	97.2
167	9/25/2010 6:31	16.60	49.99	32.78	7.81	8.06	4.4	2.09	97.7
168	9/25/2010 6:46	16.78	49.96	32.76	7.95	8.07	4.0	2.07	99.9
169	9/25/2010 7:01	16.91	49.94	32.76	8.09	8.08	4.0	2.04	101.9
170	9/25/2010 7:16	17.03	49.94	32.75	8.25	8.11	3.4	2.03	104.0
171	9/25/2010 7:31	16.92	49.95	32.76	8.16	8.10	3.5	2.04	102.7
172	9/25/2010 7:46	17.00	49.93	32.75	8.28	8.11	3.4	2.08	104.4
173	9/25/2010 8:01	16.98	49.93	32.75	8.27	8.11	3.8	2.12	104.2
174	9/25/2010 8:16	17.00	49.92	32.74	8.27	8.12	4.3	2.18	104.3
175	9/25/2010 8:31	16.97	49.92	32.74	8.26	8.12	4.3	2.25	104.1
176	9/25/2010 8:46	16.85	49.84	32.68	8.10	8.09	5.5	2.32	101.8
177	9/25/2010 9:01	16.75	49.73	32.60	7.98	8.09	6.2	2.40	100.0
178	9/25/2010 9:16	16.74	49.88	32.70	8.06	8.08	6.0	2.47	101.1
179	9/25/2010 9:31	16.67	49.90	32.72	8.02	8.08	4.9	2.55	100.4
180	9/25/2010 9:46	16.61	49.92	32.73	7.99	8.06	5.2	2.64	100.0
181	9/25/2010 10:01	16.54	49.94	32.75	8.01	8.07	5.6	2.71	100.1
182	9/25/2010 10:16	16.37	49.97	32.76	8.09	8.07	5.2	2.78	100.8
183	9/25/2010 10:31	16.30	49.98	32.77	8.13	8.07	5.2	2.87	101.1
184	9/25/2010 10:46	16.23	49.99	32.78	8.19	8.07	5.5	2.94	101.8
185	9/25/2010 11:01	16.05	50.01	32.79	8.16	8.06	5.8	3.02	101.1
186	9/25/2010 11:16	15.74	50.03	32.80	8.12	8.05	5.7	3.10	99.9
187	9/25/2010 11:31	15.50	50.05	32.81	8.11	8.05	5.7	3.19	99.3
188	9/25/2010 11:46	15.17	50.08	32.82	8.10	8.04	7.2	3.26	98.5
189	9/25/2010 12:01	14.69	50.13	32.85	8.14	8.04	8.1	3.35	98.2
190	9/25/2010 12:16	14.43	50.16	32.87	8.18	8.04	6.3	3.42	98.1
191	9/25/2010 12:31	14.14	50.20	32.88	8.19	8.04	5.5	3.48	97.6
192	9/25/2010 12:46	13.88	50.22	32.89	8.21	8.04	5.1	3.54	97.4
193	9/25/2010 13:01	13.73	50.24	32.90	8.23	8.04	4.4	3.60	97.3
194	9/25/2010 13:16	13.56	50.25	32.90	8.22	8.04	3.3	3.64	96.9
195	9/25/2010 13:31	13.47	50.26	32.91	8.17	8.05	3.0	3.66	96.1
196	9/25/2010 13:46	13.76	50.21	32.88	8.16	8.04	2.9	3.66	96.6
197	9/25/2010 14:01	13.52	50.26	32.91	8.15	8.04	2.7	3.64	96.0
198	9/25/2010 14:16	13.65	50.24	32.90	8.14	8.04	4.0	3.59	96.1
199	9/25/2010 14:31	14.11	50.21	32.89	8.22	8.05	4.6	3.53	97.9
200	9/25/2010 14:46	15.31	50.10	32.84	8.74	8.11	8.0	3.45	106.7
201	9/25/2010 15:01	15.39	50.09	32.84	8.77	8.11	5.7	3.37	107.2
202	9/25/2010 15:16	15.58	50.06	32.82	8.82	8.12	7.9	3.26	108.2
203	9/25/2010 15:31	15.78	50.05	32.81	8.72	8.12	7.4	3.15	107.4
204	9/25/2010 15:46	15.94	50.05	32.82	9.04	8.13	6.2	3.06	111.7
205	9/25/2010 16:01	16.26	50.01	32.79	8.99	8.15	8.2	2.94	111.7
206	9/25/2010 16:16	16.71	49.99	32.78	9.15	8.16	7.1	2.84	114.7
207	9/25/2010 16:31	16.70	50.00	32.79	9.19	8.17	6.2	2.74	115.2
208	9/25/2010 16:46	16.96	49.98	32.78	9.34	8.19	5.7	2.63	117.7
209	9/25/2010 17:01	17.16	49.96	32.77	9.16	8.19	6.5	2.51	115.8
210	9/25/2010 17:16	17.30	49.95	32.76	9.20	8.19	6.3	2.40	116.6
211	9/25/2010 17:31	17.25	49.95	32.77	9.16	8.19	6.4	2.29	116.1

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	
212	9/25/2010 17:46	17.13	49.99	32.79	9.33	8.21	6.1	2.17	118.0
213	9/25/2010 18:01	17.17	49.96	32.77	9.23	8.21	5.4	2.05	116.7
214	9/25/2010 18:16	17.25	49.97	32.78	8.98	8.18	5.7	1.93	113.8
215	9/25/2010 18:31	17.34	49.96	32.77	8.81	8.19	5.2	1.83	111.8
216	9/25/2010 18:46	17.42	49.95	32.76	8.63	8.17	4.8	1.74	109.7
217	9/25/2010 19:01	17.54	49.95	32.77	8.62	8.19	4.4	1.65	109.8
218	9/25/2010 19:16	17.60	49.94	32.76	8.50	8.17	4.5	1.59	108.4
219	9/25/2010 19:31	17.81	49.92	32.74	8.50	8.19	4.2	1.55	108.8
220	9/25/2010 19:46	17.91	49.91	32.74	8.56	8.20	4.5	1.53	109.8
221	9/25/2010 20:01	17.73	49.92	32.75	8.44	8.19	3.9	1.53	107.9
222	9/25/2010 20:16	17.94	49.91	32.74	8.61	8.21	3.7	1.54	110.6
223	9/25/2010 20:31	17.96	49.90	32.73	8.62	8.20	3.9	1.61	110.7
224	9/25/2010 20:46	17.93	49.90	32.73	8.61	8.20	4.0	1.67	110.5
225	9/25/2010 21:01	17.88	49.90	32.73	8.58	8.20	4.0	1.72	110.1
226	9/25/2010 21:16	17.85	49.78	32.64	8.41	8.19	4.7	1.81	107.8
227	9/25/2010 21:31	17.88	49.59	32.50	8.04	8.14	6.2	1.89	103.0
228	9/25/2010 21:46	17.85	49.61	32.52	8.05	8.15	5.8	1.96	103.0
229	9/25/2010 22:01	17.76	49.73	32.61	8.19	8.15	5.7	2.05	104.7
230	9/25/2010 22:16	17.66	49.80	32.65	8.22	8.15	5.2	2.13	104.9
231	9/25/2010 22:31	17.60	49.81	32.67	8.20	8.16	4.9	2.20	104.6
232	9/25/2010 22:46	17.55	49.82	32.67	8.21	8.15	5.2	2.28	104.6
233	9/25/2010 23:01	17.43	49.85	32.69	8.14	8.14	5.3	2.38	103.4
234	9/25/2010 23:16	17.28	49.88	32.71	8.03	8.14	5.2	2.44	101.8
235	9/25/2010 23:31	17.17	49.90	32.72	8.00	8.13	5.3	2.52	101.2
236	9/25/2010 23:46	17.06	49.92	32.74	8.00	8.13	5.8	2.62	101.0
237	9/26/2010 0:01	16.93	49.94	32.75	7.99	8.13	5.8	2.68	100.6
238	9/26/2010 0:16	16.81	49.95	32.76	7.95	8.12	5.4	2.77	99.9
239	9/26/2010 0:31	16.67	49.95	32.76	7.89	8.12	5.6	2.85	98.8
240	9/26/2010 0:46	16.49	49.96	32.76	7.83	8.10	5.4	2.92	97.7
241	9/26/2010 1:01	16.22	49.95	32.75	7.82	8.09	5.9	3.00	97.1
242	9/26/2010 1:16	15.95	49.97	32.76	7.82	8.08	5.2	3.04	96.6
243	9/26/2010 1:31	15.72	50.00	32.78	7.80	8.09	5.1	3.11	96.0
244	9/26/2010 1:46	15.45	50.03	32.79	7.79	8.07	5.0	3.15	95.3
245	9/26/2010 2:01	14.90	50.09	32.83	7.78	8.07	4.7	3.19	94.1
246	9/26/2010 2:16	14.78	50.11	32.83	7.73	8.07	3.4	3.23	93.4
247	9/26/2010 2:31	14.59	50.13	32.85	7.74	8.06	3.5	3.25	93.2
248	9/26/2010 2:46	14.91	50.08	32.82	7.70	8.07	2.6	3.27	93.2
249	9/26/2010 3:01	14.67	50.13	32.85	7.60	8.06	2.4	3.26	91.6
250	9/26/2010 3:16	14.75	50.11	32.84	7.64	8.07	3.6	3.22	92.2
251	9/26/2010 3:31	15.10	50.07	32.82	7.64	8.06	3.7	3.18	92.8
252	9/26/2010 3:46	15.64	49.91	32.71	7.61	8.07	4.6	3.12	93.4
253	9/26/2010 4:01	15.82	49.98	32.77	7.45	8.06	5.1	3.05	91.7
254	9/26/2010 4:16	16.03	49.97	32.76	7.28	8.06	5.9	2.98	90.0
255	9/26/2010 4:31	16.27	49.95	32.75	7.16	8.05	5.4	2.89	89.0
256	9/26/2010 4:46	16.35	49.94	32.75	7.33	8.07	4.8	2.82	91.2
257	9/26/2010 5:01	16.39	49.94	32.75	7.25	8.06	4.9	2.72	90.4
258	9/26/2010 5:16	16.33	49.96	32.76	7.20	8.05	4.8	2.65	89.6
259	9/26/2010 5:31	16.63	49.97	32.77	7.10	8.06	4.9	2.57	88.8
260	9/26/2010 5:46	16.69	49.97	32.77	7.14	8.06	4.9	2.51	89.5
261	9/26/2010 6:01	16.75	49.96	32.77	7.15	8.07	4.7	2.44	89.7
262	9/26/2010 6:16	16.78	49.96	32.77	7.16	8.07	4.9	2.37	89.9
263	9/26/2010 6:31	16.81	49.96	32.77	7.16	8.07	4.7	2.31	90.0
264	9/26/2010 6:46	16.79	49.96	32.76	7.16	8.07	4.5	2.26	89.9

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	
265	9/26/2010 7:01	16.89	49.95	32.76	7.26	8.09	4.1	2.24	91.3
266	9/26/2010 7:16	16.98	49.93	32.75	7.22	8.09	3.8	2.19	91.0
267	9/26/2010 7:31	17.12	49.92	32.74	7.35	8.11	3.6	2.17	92.9
268	9/26/2010 7:46	17.19	49.88	32.71	7.30	8.11	3.4	2.16	92.4
269	9/26/2010 8:01	17.20	49.87	32.70	7.35	8.11	3.4	2.18	93.0
270	9/26/2010 8:16	17.18	49.87	32.70	7.37	8.11	3.7	2.22	93.2
271	9/26/2010 8:31	17.16	49.89	32.72	7.41	8.11	3.8	2.23	93.7
272	9/26/2010 8:46	17.17	49.88	32.71	7.47	8.10	3.8	2.28	94.5
273	9/26/2010 9:01	17.14	49.90	32.73	7.53	8.12	4.4	2.35	95.1
274	9/26/2010 9:16	17.06	49.86	32.70	7.47	8.09	5.1	2.42	94.3
275	9/26/2010 9:31	16.98	49.78	32.63	7.35	8.09	5.9	2.49	92.6
276	9/26/2010 9:46	16.90	49.85	32.68	7.41	8.09	5.8	2.57	93.2
277	9/26/2010 10:01	16.79	49.90	32.72	7.41	8.08	5.4	2.63	93.1
278	9/26/2010 10:16	16.69	49.91	32.73	7.42	8.07	5.8	2.71	92.9
279	9/26/2010 10:31	16.45	49.93	32.74	7.47	8.07	6.0	2.79	93.2
280	9/26/2010 10:46	16.34	49.95	32.75	7.61	8.07	5.6	2.86	94.7
281	9/26/2010 11:01	16.20	49.97	32.76	7.67	8.08	4.8	2.95	95.2
282	9/26/2010 11:16	16.08	49.99	32.77	7.72	8.09	5.1	3.02	95.6
283	9/26/2010 11:31	15.76	50.01	32.79	7.71	8.08	5.7	3.09	94.9
284	9/26/2010 11:46	15.45	50.04	32.80	7.70	8.08	5.6	3.16	94.2
285	9/26/2010 12:01	15.18	50.07	32.82	7.70	8.07	5.6	3.22	93.7
286	9/26/2010 12:16	14.92	50.09	32.83	7.72	8.07	6.4	3.31	93.5
287	9/26/2010 12:31	14.47	50.13	32.85	7.82	8.07	7.7	3.40	93.8
288	9/26/2010 12:46	14.21	50.17	32.86	7.85	8.06	6.3	3.47	93.7
289	9/26/2010 13:01	13.97	50.20	32.88	7.90	8.08	5.4	3.53	93.9
290	9/26/2010 13:16	13.78	50.21	32.88	7.93	8.08	4.5	3.58	93.9
291	9/26/2010 13:31	13.62	50.24	32.90	7.93	8.08	4.5	3.64	93.5
292	9/26/2010 13:46	13.46	50.25	32.90	7.92	8.08	3.2	3.66	93.2
293	9/26/2010 14:01	13.44	50.24	32.89	7.87	8.07	2.3	3.69	92.5
294	9/26/2010 14:16	13.65	50.25	32.91	7.87	8.06	2.7	3.66	93.0
295	9/26/2010 14:31	13.54	50.24	32.89	7.85	8.07	3.3	3.66	92.5
296	9/26/2010 14:46	13.63	50.23	32.89	7.87	8.07	3.7	3.60	92.8
297	9/26/2010 15:01	14.72	50.16	32.87	8.23	8.13	4.0	3.55	99.3
298	9/26/2010 15:16	15.19	50.08	32.82	8.31	8.14	5.7	3.47	101.1
299	9/26/2010 15:31	15.69	50.07	32.82	8.47	8.15	6.5	3.39	104.2
300	9/26/2010 15:46	15.83	50.05	32.82	8.47	8.14	5.9	3.27	104.5
301	9/26/2010 16:01	16.07	50.02	32.80	8.57	8.16	8.0	3.18	106.1
302	9/26/2010 16:16	16.09	50.02	32.80	8.37	8.15	6.7	3.09	103.8
303	9/26/2010 16:31	16.49	50.00	32.79	8.51	8.16	6.3	2.98	106.3
304	9/26/2010 16:46	16.84	49.97	32.77	8.59	8.17	6.3	2.87	108.0
305	9/26/2010 17:01	17.09	49.95	32.76	8.60	8.19	6.6	2.78	108.6
306	9/26/2010 17:16	17.35	49.93	32.75	8.77	8.20	6.2	2.66	111.3
307	9/26/2010 17:31	17.61	49.92	32.74	9.05	8.23	6.5	2.55	115.4
308	9/26/2010 17:46	17.61	49.92	32.74	8.79	8.23	6.0	2.45	112.2
309	9/26/2010 18:01	17.73	49.92	32.75	9.09	8.26	5.7	2.34	116.2
310	9/26/2010 18:16	17.68	49.92	32.75	8.83	8.23	5.7	2.21	112.8
311	9/26/2010 18:31	17.64	49.93	32.75	8.74	8.24	6.0	2.09	111.6
312	9/26/2010 18:46	17.67	49.92	32.75	8.74	8.23	5.6	2.00	111.6
313	9/26/2010 19:01	17.72	49.93	32.75	8.48	8.23	5.4	1.85	108.4
314	9/26/2010 19:16	17.83	49.93	32.76	8.41	8.24	5.4	1.77	107.8
315	9/26/2010 19:31	17.94	49.92	32.75	8.24	8.22	5.2	1.69	105.8
316	9/26/2010 19:46	18.02	49.92	32.75	8.13	8.22	5.2	1.62	104.5
317	9/26/2010 20:01	18.24	49.91	32.74	8.12	8.23	4.8	1.58	104.9

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	
318	9/26/2010 20:16	18.33	49.90	32.73	8.02	8.22	5.1	1.53	103.6
319	9/26/2010 20:31	18.56	49.87	32.71	8.15	8.22	3.9	1.56	105.8
320	9/26/2010 20:46	18.40	49.88	32.72	8.05	8.22	4.2	1.53	104.3
321	9/26/2010 21:01	18.65	49.88	32.72	8.31	8.24	3.5	1.53	108.1
322	9/26/2010 21:16	18.53	49.88	32.72	8.19	8.24	3.7	1.63	106.3
323	9/26/2010 21:31	18.55	49.88	32.72	8.24	8.25	4.2	1.66	107.0
324	9/26/2010 21:46	18.52	49.88	32.72	8.21	8.24	4.1	1.73	106.6
325	9/26/2010 22:01	18.55	49.78	32.64	7.97	8.22	6.2	1.83	103.4
326	9/26/2010 22:16	18.57	49.68	32.58	7.74	8.18	5.7	1.89	100.5
327	9/26/2010 22:31	18.56	49.64	32.54	7.73	8.17	5.7	1.97	100.2
328	9/26/2010 22:46	18.43	49.71	32.59	7.78	8.17	6.0	2.03	100.8
329	9/26/2010 23:01	18.26	49.78	32.65	7.89	8.18	5.6	2.11	101.9
330	9/26/2010 23:16	18.16	49.81	32.67	7.89	8.19	4.8	2.18	101.7
331	9/26/2010 23:31	18.05	49.83	32.68	7.92	8.19	5.1	2.28	101.8
332	9/26/2010 23:46	17.90	49.85	32.69	7.83	8.18	5.6	2.39	100.4
333	9/27/2010 0:01	17.71	49.87	32.71	7.70	8.17	5.2	2.43	98.4
334	9/27/2010 0:16	17.61	49.89	32.73	7.68	8.16	5.7	2.51	97.9
335	9/27/2010 0:31	17.49	49.91	32.74	7.69	8.16	4.7	2.60	97.8
336	9/27/2010 0:46	17.39	49.92	32.74	7.65	8.16	4.9	2.68	97.2
337	9/27/2010 1:01	17.22	49.93	32.75	7.67	8.15	4.9	2.75	97.1
338	9/27/2010 1:16	17.03	49.94	32.75	7.58	8.14	5.1	2.80	95.7
339	9/27/2010 1:31	16.87	49.93	32.74	7.53	8.13	4.5	2.86	94.7
340	9/27/2010 1:46	16.70	49.96	32.76	7.52	8.13	4.4	2.93	94.2
341	9/27/2010 2:01	16.37	49.96	32.76	7.54	8.13	4.9	2.99	93.9
342	9/27/2010 2:16	16.17	49.98	32.77	7.56	8.13	3.9	3.02	93.7
343	9/27/2010 2:31	16.01	49.99	32.78	7.53	8.12	4.0	3.08	93.1
344	9/27/2010 2:46	15.89	50.01	32.79	7.49	8.12	4.1	3.12	92.5
345	9/27/2010 3:01	15.40	50.05	32.81	7.50	8.10	3.4	3.16	91.6
346	9/27/2010 3:16	15.29	50.01	32.78	7.42	8.11	2.7	3.16	90.4
347	9/27/2010 3:31	15.62	50.06	32.82	7.33	8.11	2.7	3.16	90.0
348	9/27/2010 3:46	15.36	50.06	32.81	7.36	8.10	2.8	3.18	90.0
349	9/27/2010 4:01	15.47	50.04	32.80	7.39	8.09	3.4	3.14	90.4
350	9/27/2010 4:16	15.87	50.00	32.78	7.42	8.11	3.5	3.09	91.5
351	9/27/2010 4:31	16.43	49.96	32.76	7.30	8.12	4.2	3.05	91.0
352	9/27/2010 4:46	16.43	49.96	32.76	7.30	8.11	4.0	2.97	91.0
353	9/27/2010 5:01	16.62	49.95	32.75	7.15	8.10	4.2	2.90	89.5
354	9/27/2010 5:16	16.90	49.92	32.74	6.94	8.09	4.6	2.83	87.3
355	9/27/2010 5:31	17.06	49.92	32.74	6.88	8.08	4.8	2.75	86.8
356	9/27/2010 5:46	17.10	49.92	32.74	6.88	8.07	4.9	2.70	86.9
357	9/27/2010 6:01	17.05	49.93	32.75	6.80	8.07	4.8	2.63	85.8
358	9/27/2010 6:16	17.19	49.92	32.74	6.87	8.07	5.0	2.56	86.9
359	9/27/2010 6:31	17.34	49.91	32.74	6.89	8.08	4.5	2.49	87.5
360	9/27/2010 6:46	17.31	49.92	32.74	6.83	8.08	4.5	2.45	86.6
361	9/27/2010 7:01	17.34	49.90	32.73	6.88	8.09	4.2	2.42	87.3
362	9/27/2010 7:16	17.39	49.90	32.73	6.87	8.08	4.2	2.37	87.2
363	9/27/2010 7:31	17.43	49.91	32.74	6.91	8.10	4.4	2.29	87.8
364	9/27/2010 7:46	17.50	49.90	32.73	7.02	8.11	4.3	2.29	89.3
365	9/27/2010 8:01	17.64	49.87	32.71	7.09	8.12	3.7	2.27	90.4
366	9/27/2010 8:16	17.71	49.84	32.69	7.07	8.12	3.1	2.26	90.3
367	9/27/2010 8:31	17.70	49.84	32.69	7.04	8.12	3.5	2.25	90.0
368	9/27/2010 8:46	17.70	49.86	32.70	7.21	8.13	3.5	2.29	92.2
369	9/27/2010 9:01	17.62	49.87	32.71	7.14	8.12	3.5	2.31	91.1
370	9/27/2010 9:16	17.62	49.88	32.71	7.25	8.13	3.8	2.35	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	DO%
			mS/cm		mg/L		NTU	meters	
371	9/27/2010 9:31	17.57	49.89	32.72	7.30	8.13	4.6	2.41	93.0
372	9/27/2010 9:46	17.50	49.89	32.72	7.29	8.12	5.3	2.48	92.8
373	9/27/2010 10:01	17.44	49.86	32.70	7.23	8.12	5.3	2.54	91.9
374	9/27/2010 10:16	17.36	49.84	32.69	7.22	8.11	5.8	2.60	91.6
375	9/27/2010 10:31	17.25	49.89	32.72	7.21	8.11	7.8	2.68	91.3
376	9/27/2010 10:46	17.06	49.92	32.74	7.20	8.10	6.0	2.75	90.9
377	9/27/2010 11:01	16.75	49.93	32.75	7.29	8.09	6.0	2.81	91.4
378	9/27/2010 11:16	16.51	49.96	32.76	7.42	8.11	5.3	2.89	92.7
379	9/27/2010 11:31	16.29	49.98	32.77	7.47	8.11	5.1	2.95	93.0
380	9/27/2010 11:46	15.99	50.01	32.79	7.52	8.10	4.6	3.04	93.0
381	9/27/2010 12:01	15.83	50.02	32.80	7.55	8.11	4.8	3.09	93.0
382	9/27/2010 12:16	15.30	50.07	32.82	7.55	8.10	5.2	3.17	92.2
383	9/27/2010 12:31	15.03	50.10	32.83	7.58	8.10	5.1	3.23	91.9
384	9/27/2010 12:46	14.83	50.11	32.84	7.59	8.10	4.9	3.32	91.7
385	9/27/2010 13:01	14.59	50.14	32.85	7.62	8.09	5.2	3.39	91.6
386	9/27/2010 13:16	14.27	50.16	32.86	7.72	8.10	5.6	3.45	92.3
387	9/27/2010 13:31	14.12	50.18	32.87	7.71	8.09	5.0	3.51	91.9
388	9/27/2010 13:46	13.95	50.20	32.88	7.75	8.10	4.2	3.56	92.1
389	9/27/2010 14:01	13.85	50.22	32.89	7.78	8.10	4.3	3.61	92.3
390	9/27/2010 14:16	13.78	50.25	32.91	7.75	8.10	3.2	3.63	91.8
391	9/27/2010 14:31	14.08	50.31	32.96	7.76	8.10	2.6	3.66	92.4
392	9/27/2010 14:46	13.96	50.25	32.92	7.67	8.10	2.6	3.65	91.1
393	9/27/2010 15:01	13.83	50.24	32.91	7.67	8.09	2.6	3.63	90.9
394	9/27/2010 15:16	13.88	50.23	32.90	7.69	8.09	3.0	3.59	91.2
395	9/27/2010 15:31	14.16	50.24	32.92	7.70	8.10	3.3	3.52	91.9
396	9/27/2010 15:46	15.17	50.17	32.89	8.03	8.15	6.3	3.46	97.8
397	9/27/2010 16:01	15.61	50.10	32.85	8.15	8.17	4.8	3.39	100.0
398	9/27/2010 16:16	15.70	50.09	32.84	8.05	8.16	4.9	3.30	99.0
399	9/27/2010 16:31	15.87	50.08	32.84	7.97	8.16	6.0	3.20	98.3
400	9/27/2010 16:46	16.05	50.09	32.85	7.98	8.16	5.7	3.10	98.8
401	9/27/2010 17:01	16.26	50.05	32.82	7.92	8.17	4.6	3.01	98.4
402	9/27/2010 17:16	16.60	50.03	32.81	7.96	8.17	4.9	2.90	99.6
403	9/27/2010 17:31	16.95	49.98	32.78	8.09	8.19	4.5	2.81	101.9
404	9/27/2010 17:46	17.17	49.96	32.77	7.97	8.19	5.1	2.71	100.8
405	9/27/2010 18:01	17.36	49.97	32.78	8.25	8.22	4.8	2.60	104.8
406	9/27/2010 18:16	17.56	49.94	32.76	8.09	8.20	5.2	2.49	103.1
407	9/27/2010 18:31	17.48	49.98	32.79	8.07	8.21	4.6	2.40	102.7
408	9/27/2010 18:46	17.48	49.97	32.78	7.96	8.20	5.7	2.28	101.3
409	9/27/2010 19:01	17.49	49.97	32.78	7.81	8.19	6.8	2.16	99.4
410	9/27/2010 19:16	17.60	49.97	32.78	7.72	8.18	6.8	2.05	98.5
411	9/27/2010 19:31	17.56	49.98	32.79	7.66	8.18	6.1	1.94	97.6
412	9/27/2010 19:46	17.70	49.96	32.77	7.56	8.16	6.0	1.84	96.6
413	9/27/2010 20:01	17.90	49.97	32.79	7.49	8.17	5.9	1.75	96.1
414	9/27/2010 20:16	17.96	49.95	32.77	7.41	8.17	5.7	1.67	95.1
415	9/27/2010 20:31	18.05	49.99	32.80	7.39	8.17	5.2	1.60	95.0
416	9/27/2010 20:46	18.20	49.98	32.79	7.36	8.17	4.6	1.56	94.9
417	9/27/2010 21:01	18.30	49.96	32.78	7.33	8.16	4.2	1.52	94.8
418	9/27/2010 21:16	18.44	49.95	32.77	7.44	8.17	3.9	1.52	96.5
419	9/27/2010 21:31	18.30	49.96	32.78	7.33	8.17	3.9	1.52	94.8
420	9/27/2010 21:46	18.53	49.90	32.74	7.57	8.20	3.5	1.57	98.2
421	9/27/2010 22:01	18.43	49.90	32.73	7.51	8.19	3.4	1.60	97.2
422	9/27/2010 22:16	18.48	49.90	32.73	7.56	8.20	3.8	1.66	98.1
423	9/27/2010 22:31	18.44	49.89	32.73	7.58	8.20	3.8	1.74	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	DO%
			mS/cm		mg/L		NTU	meters	
424	9/27/2010 22:46	18.43	49.78	32.64	7.38	8.17	4.8	1.80	95.6
425	9/27/2010 23:01	18.46	49.66	32.55	7.22	8.15	5.4	1.88	93.5
426	9/27/2010 23:16	18.43	49.62	32.53	7.21	8.13	5.4	1.94	93.2
427	9/27/2010 23:31	18.35	49.68	32.57	7.24	8.14	5.9	2.00	93.6
428	9/27/2010 23:46	18.22	49.77	32.63	7.35	8.15	5.4	2.07	94.8
429	9/28/2010 0:01	18.12	49.80	32.66	7.38	8.15	4.8	2.16	95.0
430	9/28/2010 0:16	18.04	49.83	32.68	7.42	8.16	4.8	2.23	95.3
431	9/28/2010 0:31	17.95	49.82	32.68	7.43	8.16	4.5	2.30	95.3
432	9/28/2010 0:46	17.83	49.85	32.69	7.43	8.16	5.4	2.37	95.1
433	9/28/2010 1:01	17.70	49.86	32.70	7.43	8.16	5.6	2.45	94.9
434	9/28/2010 1:16	17.57	49.89	32.72	7.46	8.15	5.3	2.53	95.1
435	9/28/2010 1:31	17.45	49.91	32.73	7.48	8.15	4.7	2.60	95.1
436	9/28/2010 1:46	17.32	49.93	32.75	7.46	8.15	4.3	2.66	94.7
437	9/28/2010 2:01	17.18	49.93	32.75	7.47	8.15	4.5	2.71	94.4
438	9/28/2010 2:16	17.01	49.93	32.74	7.43	8.14	4.5	2.78	93.7
439	9/28/2010 2:31	16.84	49.94	32.75	7.38	8.13	4.1	2.84	92.8
440	9/28/2010 2:46	16.69	49.96	32.76	7.36	8.12	3.5	2.88	92.3
441	9/28/2010 3:01	16.51	49.94	32.75	7.36	8.13	3.5	2.93	91.9
442	9/28/2010 3:16	16.33	49.94	32.74	7.41	8.13	3.8	2.98	92.2
443	9/28/2010 3:31	16.18	49.97	32.76	7.43	8.13	3.2	3.01	92.2
444	9/28/2010 3:46	16.09	49.97	32.76	7.42	8.13	2.9	3.04	91.9
445	9/28/2010 4:01	16.08	50.02	32.80	7.36	8.12	2.9	3.06	91.2
446	9/28/2010 4:16	15.91	50.11	32.86	7.28	8.12	2.7	3.08	90.0
447	9/28/2010 4:31	16.08	50.01	32.79	7.23	8.12	3.0	3.06	89.6
448	9/28/2010 4:46	15.98	50.00	32.79	7.26	8.12	2.7	3.04	89.7
449	9/28/2010 5:01	16.01	49.96	32.76	7.29	8.12	3.1	3.01	90.2
450	9/28/2010 5:16	16.24	49.96	32.76	7.25	8.12	3.1	2.97	90.1
451	9/28/2010 5:31	16.55	49.93	32.74	7.12	8.12	3.7	2.91	88.9
452	9/28/2010 5:46	16.80	49.93	32.74	6.85	8.10	4.0	2.85	86.0
453	9/28/2010 6:01	16.98	49.66	32.55	6.71	8.07	4.3	2.80	84.5
454	9/28/2010 6:16	17.02	49.90	32.73	6.80	8.08	4.2	2.73	85.8
455	9/28/2010 6:31	17.13	49.91	32.73	6.41	8.04	5.0	2.67	81.1
456	9/28/2010 6:46	17.12	49.93	32.74	6.51	8.06	5.4	2.62	82.3
457	9/28/2010 7:01	17.24	49.82	32.67	6.65	8.07	4.5	2.58	84.2
458	9/28/2010 7:16	17.30	49.93	32.75	6.62	8.07	4.2	2.54	84.0
459	9/28/2010 7:31	17.40	49.95	32.76	6.56	8.08	4.2	2.48	83.3
460	9/28/2010 7:46	17.46	49.97	32.78	6.53	8.07	3.9	2.44	83.1
461	9/28/2010 8:01	17.49	49.92	32.75	6.53	8.08	4.5	2.41	83.1
462	9/28/2010 8:16	17.55	49.93	32.75	6.61	8.07	3.7	2.39	84.2
463	9/28/2010 8:31	17.61	49.95	32.76	6.65	8.08	3.5	2.39	84.8
464	9/28/2010 8:46	17.65	49.94	32.76	6.72	8.10	3.2	2.37	85.8
465	9/28/2010 9:01	17.63	49.95	32.77	6.78	8.10	3.5	2.37	86.5
466	9/28/2010 9:16	17.64	49.91	32.73	6.86	8.11	3.4	2.40	87.5
467	9/28/2010 9:31	17.62	49.89	32.73	6.86	8.11	3.7	2.41	87.5
468	9/28/2010 9:46	17.58	49.90	32.73	6.90	8.11	4.1	2.46	88.0
469	9/28/2010 10:01	17.54	49.90	32.73	6.90	8.11	6.2	2.48	87.9
470	9/28/2010 10:16	17.44	49.90	32.73	6.96	8.11	7.6	2.53	88.5
471	9/28/2010 10:31	17.23	49.90	32.73	6.92	8.10	7.0	2.60	87.6
472	9/28/2010 10:46	17.21	49.94	32.76	7.01	8.11	5.4	2.64	88.8
473	9/28/2010 11:01	17.19	49.91	32.73	7.03	8.11	5.6	2.72	88.9
474	9/28/2010 11:16	17.03	49.92	32.74	7.00	8.10	4.6	2.79	88.3
475	9/28/2010 11:31	16.78	49.94	32.75	7.08	8.10	4.5	2.83	88.8
476	9/28/2010 11:46	16.62	49.95	32.75	7.15	8.10	4.3	2.89	89.5

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	9/28/2010 12:01	16.30	50.01	32.80	7.31	8.11	4.5	2.93	91.0
478	9/28/2010 12:16	16.07	50.00	32.78	7.37	8.11	3.7	3.02	91.2
479	9/28/2010 12:31	15.81	50.05	32.82	7.46	8.12	4.0	3.06	92.0
480	9/28/2010 12:46	15.47	50.06	32.81	7.49	8.11	3.8	3.17	91.7
481	9/28/2010 13:01	15.20	50.08	32.83	7.51	8.11	4.3	3.23	91.4
482	9/28/2010 13:16	14.96	50.12	32.85	7.53	8.09	5.7	3.26	91.3
483	9/28/2010 13:31	14.81	50.14	32.86	7.56	8.11	6.4	3.34	91.4
484	9/28/2010 13:46	14.65	50.13	32.85	7.59	8.10	4.3	3.41	91.4
485	9/28/2010 14:01	14.44	50.14	32.85	7.64	8.11	4.6	3.46	91.7
486	9/28/2010 14:16	14.31	50.17	32.87	7.69	8.12	3.8	3.53	92.0
487	9/28/2010 14:31	14.15	50.18	32.87	7.72	8.12	3.7	3.56	92.1
488	9/28/2010 14:46	14.06	50.22	32.90	7.74	8.11	3.4	3.57	92.1
489	9/28/2010 15:01	14.01	50.24	32.91	7.68	8.12	2.3	3.59	91.4
490	9/28/2010 15:16	14.38	50.20	32.89	7.67	8.12	2.6	3.59	91.9
491	9/28/2010 15:31	14.19	50.17	32.86	7.53	8.11	2.9	3.58	89.8
492	9/28/2010 15:46	14.13	50.14	32.84	7.63	8.11	2.6	3.55	90.9
493	9/28/2010 16:01	14.25	50.14	32.84	7.63	8.11	2.8	3.54	91.1
494	9/28/2010 16:16	15.33	50.06	32.81	7.81	8.15	3.2	3.46	95.4
495	9/28/2010 16:31	15.66	50.04	32.81	7.85	8.14	3.8	3.41	96.5
496	9/28/2010 16:46	16.15	50.01	32.80	8.02	8.18	4.8	3.32	99.5
497	9/28/2010 17:01	15.95	50.02	32.80	7.88	8.16	4.8	3.26	97.3
498	9/28/2010 17:16	16.15	50.01	32.79	7.88	8.16	4.5	3.15	97.8
499	9/28/2010 17:31	16.43	50.00	32.79	7.91	8.17	4.4	3.07	98.6
500	9/28/2010 17:46	16.55	49.24	32.23	7.87	8.17	4.6	2.99	98.0
501	9/28/2010 18:01	16.98	49.95	32.76	8.03	8.20	4.3	2.90	101.2
502	9/28/2010 18:16	17.24	49.94	32.75	7.98	8.21	5.6	2.78	101.1
503	9/28/2010 18:31	17.48	49.93	32.75	8.01	8.22	4.8	2.69	101.9
504	9/28/2010 18:46	17.62	49.96	32.77	8.03	8.23	4.9	2.59	102.4
505	9/28/2010 19:01	17.52	49.93	32.75	7.97	8.23	4.7	2.47	101.5
506	9/28/2010 19:16	17.67	49.91	32.74	7.78	8.21	5.0	2.38	99.3
507	9/28/2010 19:31	17.38	49.95	32.77	7.76	8.21	5.4	2.29	98.6
508	9/28/2010 19:46	17.46	49.97	32.78	7.61	8.20	6.8	2.17	96.8
509	9/28/2010 20:01	17.66	49.94	32.76	7.49	8.19	6.5	2.05	95.6
510	9/28/2010 20:16	17.68	49.94	32.76	7.39	8.18	6.3	1.95	94.4
511	9/28/2010 20:31	17.90	49.92	32.75	7.31	8.18	6.3	1.87	93.7
512	9/28/2010 20:46	18.00	49.93	32.75	7.24	8.17	5.4	1.78	93.0
513	9/28/2010 21:01	18.18	49.91	32.74	7.20	8.17	4.9	1.70	92.8
514	9/28/2010 21:16	18.33	49.91	32.74	7.15	8.17	4.9	1.65	92.5
515	9/28/2010 21:31	18.48	49.96	32.78	7.12	8.17	4.1	1.59	92.4
516	9/28/2010 21:46	18.63	49.93	32.76	7.21	8.18	4.1	1.56	93.8
517	9/28/2010 22:01	18.74	49.95	32.77	7.18	8.18	3.4	1.55	93.6
518	9/28/2010 22:16	18.69	49.90	32.73	7.09	8.18	3.5	1.56	92.3
519	9/28/2010 22:31	18.64	49.88	32.72	7.27	8.18	3.5	1.59	94.5
520	9/28/2010 22:46	18.64	49.87	32.72	7.25	8.18	3.2	1.63	94.3
521	9/28/2010 23:01	18.62	49.87	32.71	7.28	8.19	3.5	1.67	94.6
522	9/28/2010 23:16	18.60	49.86	32.71	7.29	8.18	3.6	1.73	94.8
523	9/28/2010 23:31	18.57	49.87	32.71	7.28	8.18	3.7	1.78	94.6
524	9/28/2010 23:46	18.65	49.70	32.58	7.03	8.14	5.1	1.85	91.4
525	9/29/2010 0:01	18.55	49.76	32.63	7.11	8.16	5.3	1.91	92.3
526	9/29/2010 0:16	18.53	49.72	32.60	7.06	8.15	5.2	1.96	91.6
527	9/29/2010 0:31	18.51	49.70	32.59	7.09	8.15	4.4	2.05	91.9
528	9/29/2010 0:46	18.39	49.79	32.65	7.17	8.16	5.0	2.11	92.8
529	9/29/2010 1:01	18.32	49.81	32.67	7.20	8.16	4.2	2.19	93.0

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	
530	9/29/2010 1:16	18.25	49.81	32.67	7.20	8.16	4.5	2.25	92.9
531	9/29/2010 1:31	18.08	49.83	32.69	7.23	8.16	4.0	2.29	93.0
532	9/29/2010 1:46	17.95	49.85	32.69	7.20	8.16	3.6	2.36	92.5
533	9/29/2010 2:01	17.83	49.86	32.70	7.22	8.16	4.0	2.45	92.4
534	9/29/2010 2:16	17.70	49.88	32.72	7.26	8.16	3.8	2.51	92.8
535	9/29/2010 2:31	17.60	49.89	32.72	7.26	8.15	3.2	2.56	92.6
536	9/29/2010 2:46	17.50	49.91	32.74	7.27	8.16	3.5	2.63	92.5
537	9/29/2010 3:01	17.33	49.91	32.73	7.30	8.16	3.7	2.70	92.6
538	9/29/2010 3:16	17.19	49.89	32.72	7.25	8.15	3.7	2.76	91.8
539	9/29/2010 3:31	16.98	49.87	32.70	7.24	8.14	3.4	2.81	91.3
540	9/29/2010 3:46	16.86	49.90	32.72	7.23	8.14	3.2	2.85	90.9
541	9/29/2010 4:01	16.69	49.92	32.73	7.23	8.14	3.2	2.91	90.6
542	9/29/2010 4:16	16.63	49.91	32.73	7.23	8.14	3.4	2.95	90.5
543	9/29/2010 4:31	16.41	49.93	32.74	7.26	8.14	3.1	2.98	90.5
544	9/29/2010 4:46	16.35	49.94	32.75	7.24	8.14	2.9	3.01	90.2
545	9/29/2010 5:01	16.24	49.96	32.76	7.19	8.12	2.6	3.01	89.3
546	9/29/2010 5:16	16.35	49.98	32.77	7.13	8.13	2.6	3.01	88.8
547	9/29/2010 5:31	16.24	49.95	32.75	7.09	8.12	2.3	3.01	88.1
548	9/29/2010 5:46	16.21	49.97	32.76	7.12	8.13	2.6	3.00	88.4
549	9/29/2010 6:01	16.32	49.95	32.75	7.14	8.13	3.0	2.95	88.8
550	9/29/2010 6:16	16.60	49.93	32.74	7.08	8.13	3.1	2.90	88.5
551	9/29/2010 6:31	16.82	49.91	32.73	6.89	8.12	3.3	2.87	86.6
552	9/29/2010 6:46	16.94	49.90	32.72	6.65	8.09	3.6	2.83	83.8
553	9/29/2010 7:01	17.01	49.90	32.72	6.69	8.10	3.7	2.76	84.4
554	9/29/2010 7:16	17.02	49.92	32.74	6.06	8.04	4.3	2.71	76.4
555	9/29/2010 7:31	17.01	49.91	32.73	6.08	8.03	4.0	2.67	76.6
556	9/29/2010 7:46	17.08	49.94	32.75	6.41	8.06	3.5	2.63	81.0
557	9/29/2010 8:01	17.15	49.99	32.80	6.55	8.08	3.3	2.59	82.9
558	9/29/2010 8:16	17.24	49.99	32.79	6.57	8.08	3.4	2.56	83.2
559	9/29/2010 8:31	17.33	49.91	32.74	6.51	8.09	3.1	2.52	82.6
560	9/29/2010 8:46	17.50	49.93	32.75	6.56	8.09	3.1	2.50	83.5
561	9/29/2010 9:01	17.56	49.97	32.78	6.57	8.10	3.1	2.48	83.7
562	9/29/2010 9:16	17.67	49.93	32.75	6.67	8.11	3.1	2.47	85.1
563	9/29/2010 9:31	17.74	49.96	32.77	6.74	8.13	2.9	2.48	86.2
564	9/29/2010 9:46	17.76	49.96	32.77	6.85	8.13	2.9	2.47	87.6
565	9/29/2010 10:01	17.75	49.94	32.76	6.87	8.13	3.1	2.48	87.9
566	9/29/2010 10:16	17.71	50.00	32.80	6.89	8.13	3.2	2.50	88.1
567	9/29/2010 10:31	17.61	50.00	32.80	6.93	8.13	3.5	2.52	88.4
568	9/29/2010 10:46	17.57	50.01	32.81	6.96	8.13	3.5	2.57	88.8
569	9/29/2010 11:01	17.46	50.03	32.82	6.94	8.12	3.8	2.61	88.3
570	9/29/2010 11:16	17.30	50.01	32.81	6.84	8.11	3.5	2.63	86.8
571	9/29/2010 11:31	17.23	49.90	32.73	6.88	8.12	3.6	2.69	87.2
572	9/29/2010 11:46	17.16	49.91	32.74	6.95	8.12	3.2	2.74	87.9
573	9/29/2010 12:01	16.96	49.91	32.73	6.97	8.11	3.4	2.80	87.8
574	9/29/2010 12:16	16.73	49.91	32.73	7.00	8.11	3.4	2.85	87.8
575	9/29/2010 12:31	16.46	49.93	32.74	7.08	8.11	3.6	2.91	88.4
576	9/29/2010 12:46	16.11	50.00	32.79	7.21	8.12	3.6	2.97	89.4
577	9/29/2010 13:01	15.97	49.98	32.77	7.28	8.12	3.2	3.03	90.0
578	9/29/2010 13:16	15.72	50.08	32.84	7.35	8.13	2.8	3.10	90.5
579	9/29/2010 13:31	15.60	50.05	32.81	7.39	8.13	3.0	3.15	90.7
580	9/29/2010 13:46	15.31	50.15	32.88	7.39	8.12	3.1	3.22	90.2
581	9/29/2010 14:01	14.99	50.13	32.86	7.39	8.12	3.3	3.28	89.7
582	9/29/2010 14:16	14.75	50.12	32.84	7.39	8.10	3.4	3.34	89.1

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	
583	9/29/2010 14:31	14.72	50.13	32.85	7.43	8.12	3.8	3.40	89.6
584	9/29/2010 14:46	14.62	50.13	32.85	7.49	8.12	3.4	3.44	90.2
585	9/29/2010 15:01	14.51	50.14	32.85	7.51	8.11	3.5	3.48	90.2
586	9/29/2010 15:16	14.41	50.13	32.84	7.52	8.11	3.1	3.52	90.2
587	9/29/2010 15:31	14.38	50.22	32.91	7.49	8.11	2.8	3.54	89.8
588	9/29/2010 15:46	14.33	50.14	32.84	7.45	8.12	2.0	3.56	89.2
589	9/29/2010 16:01	14.46	50.22	32.91	7.38	8.11	2.7	3.56	88.6
590	9/29/2010 16:16	14.41	50.14	32.85	7.40	8.11	2.3	3.55	88.8
591	9/29/2010 16:31	14.41	50.14	32.85	7.45	8.11	1.9	3.52	89.3
592	9/29/2010 16:46	14.79	50.13	32.85	7.50	8.13	3.8	3.48	90.6
593	9/29/2010 17:01	15.40	50.09	32.84	7.65	8.14	2.8	3.42	93.5
594	9/29/2010 17:16	15.59	50.04	32.80	7.63	8.16	3.3	3.35	93.7
595	9/29/2010 17:31	15.86	50.02	32.80	7.64	8.17	3.3	3.29	94.3
596	9/29/2010 17:46	16.05	50.00	32.79	7.75	8.18	3.4	3.21	96.0
597	9/29/2010 18:01	16.26	50.03	32.81	7.71	8.18	3.8	3.13	95.8
598	9/29/2010 18:16	16.82	49.97	32.77	7.96	8.22	3.7	3.05	100.0
599	9/29/2010 18:31	16.81	49.94	32.75	7.68	8.18	3.2	2.97	96.5
600	9/29/2010 18:46	17.07	49.95	32.76	7.88	8.22	3.4	2.89	99.5
601	9/29/2010 19:01	17.29	50.02	32.82	7.96	8.23	4.0	2.79	100.9
602	9/29/2010 19:16	17.31	49.99	32.79	7.97	8.24	4.1	2.71	101.2
603	9/29/2010 19:31	17.46	49.94	32.76	7.90	8.24	4.1	2.62	100.5
604	9/29/2010 19:46	17.55	49.91	32.74	7.84	8.24	4.0	2.53	99.9
605	9/29/2010 20:01	17.72	49.90	32.73	7.74	8.23	4.4	2.42	98.9
606	9/29/2010 20:16	17.65	49.98	32.79	7.56	8.22	4.9	2.34	96.6
607	9/29/2010 20:31	17.69	49.91	32.74	7.38	8.20	5.4	2.24	94.2
608	9/29/2010 20:46	17.77	49.89	32.73	7.26	8.19	5.2	2.14	92.9
609	9/29/2010 21:01	17.73	49.90	32.73	7.21	8.18	5.5	2.04	92.1
610	9/29/2010 21:16	17.90	49.90	32.73	7.14	8.18	5.1	1.95	91.6
611	9/29/2010 21:31	17.99	49.90	32.73	7.09	8.18	4.6	1.87	91.1
612	9/29/2010 21:46	18.14	49.88	32.72	7.05	8.17	4.3	1.79	90.8
613	9/29/2010 22:01	18.26	49.88	32.72	7.00	8.17	4.2	1.71	90.4
614	9/29/2010 22:16	18.45	49.88	32.72	7.03	8.18	3.8	1.67	91.1
615	9/29/2010 22:31	18.60	49.88	32.72	7.00	8.17	3.7	1.63	91.0
616	9/29/2010 22:46	18.77	49.88	32.72	7.07	8.19	3.4	1.60	92.1
617	9/29/2010 23:01	18.81	49.91	32.74	7.02	8.19	2.9	1.59	91.6
618	9/29/2010 23:16	18.74	49.87	32.72	7.06	8.19	3.2	1.61	92.0
619	9/29/2010 23:31	18.72	49.86	32.71	7.12	8.19	2.9	1.63	92.7
620	9/29/2010 23:46	18.66	49.86	32.71	7.10	8.19	3.1	1.64	92.3
621	9/30/2010 0:01	18.66	49.86	32.70	7.12	8.19	3.1	1.69	92.6
622	9/30/2010 0:16	18.63	49.85	32.70	7.13	8.18	3.0	1.76	92.7
623	9/30/2010 0:31	18.60	49.86	32.70	7.10	8.18	3.1	1.81	92.3
624	9/30/2010 0:46	18.64	49.69	32.58	6.88	8.15	4.3	1.86	89.4
625	9/30/2010 1:01	18.59	49.73	32.61	6.92	8.16	3.8	1.93	89.8
626	9/30/2010 1:16	18.57	49.67	32.57	6.84	8.14	4.2	1.99	88.7
627	9/30/2010 1:31	18.54	49.68	32.57	6.87	8.14	4.2	2.04	89.2
628	9/30/2010 1:46	18.46	49.74	32.62	6.98	8.15	3.7	2.11	90.4
629	9/30/2010 2:01	18.39	49.78	32.65	7.00	8.16	3.7	2.18	90.5
630	9/30/2010 2:16	18.30	49.79	32.65	7.02	8.16	3.8	2.24	90.7
631	9/30/2010 2:31	18.10	49.81	32.67	7.05	8.16	3.6	2.31	90.8
632	9/30/2010 2:46	17.96	49.83	32.68	7.04	8.15	3.7	2.37	90.4
633	9/30/2010 3:01	17.88	49.83	32.68	7.04	8.16	3.1	2.43	90.2
634	9/30/2010 3:16	17.70	49.86	32.70	7.08	8.16	3.1	2.51	90.5
635	9/30/2010 3:31	17.62	49.87	32.70	7.09	8.16	3.2	2.57	90.5

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	9/30/2010 3:46	17.48	49.92	32.74	7.11	8.16	2.9	2.62	90.5
637	9/30/2010 4:01	17.40	49.91	32.73	7.12	8.15	3.1	2.68	90.5
638	9/30/2010 4:16	17.17	49.90	32.73	7.12	8.14	3.4	2.74	90.0
639	9/30/2010 4:31	17.03	49.90	32.73	7.09	8.15	3.2	2.79	89.5
640	9/30/2010 4:46	16.90	49.89	32.71	7.07	8.15	2.9	2.83	88.9
641	9/30/2010 5:01	16.75	49.91	32.73	7.07	8.14	2.7	2.88	88.6
642	9/30/2010 5:16	16.55	49.92	32.73	7.10	8.14	2.7	2.91	88.8
643	9/30/2010 5:31	16.50	49.97	32.77	7.09	8.14	2.8	2.95	88.6
644	9/30/2010 5:46	16.29	50.00	32.79	7.11	8.13	2.6	2.98	88.4
645	9/30/2010 6:01	16.13	49.93	32.74	7.07	8.14	2.5	3.00	87.6
646	9/30/2010 6:16	16.46	49.89	32.71	6.98	8.14	2.3	3.00	87.1
647	9/30/2010 6:31	16.27	49.98	32.77	6.93	8.14	2.5	3.02	86.1
648	9/30/2010 6:46	16.14	49.99	32.78	6.98	8.13	2.7	3.00	86.6
649	9/30/2010 7:01	16.18	49.97	32.76	7.02	8.13	3.2	2.98	87.2
650	9/30/2010 7:16	16.41	49.96	32.76	6.98	8.14	2.6	2.96	87.0
651	9/30/2010 7:31	16.69	49.94	32.75	6.81	8.12	2.9	2.93	85.4
652	9/30/2010 7:46	16.90	49.94	32.75	6.34	8.08	3.6	2.88	79.7
653	9/30/2010 8:01	16.88	49.91	32.73	5.79	8.03	3.8	2.84	72.8
654	9/30/2010 8:16	16.91	49.99	32.79	6.44	8.09	3.1	2.80	81.1
655	9/30/2010 8:31	16.89	49.92	32.74	6.29	8.07	3.2	2.77	79.1
656	9/30/2010 8:46	16.94	49.94	32.75	6.28	8.07	2.9	2.71	79.1
657	9/30/2010 9:01	16.97	49.94	32.75	6.37	8.08	2.9	2.68	80.3
658	9/30/2010 9:16	17.02	50.05	32.84	6.40	8.08	2.6	2.66	80.8
659	9/30/2010 9:31	17.07	50.00	32.80	6.49	8.09	2.7	2.62	82.0
660	9/30/2010 9:46	17.24	49.97	32.78	6.58	8.10	2.8	2.62	83.4
661	9/30/2010 10:01	17.34	49.95	32.76	6.63	8.11	2.7	2.59	84.1
662	9/30/2010 10:16	17.45	49.98	32.79	6.67	8.13	2.7	2.58	84.8
663	9/30/2010 10:31	17.52	50.00	32.80	6.66	8.13	2.5	2.59	84.9
664	9/30/2010 10:46	17.52	50.06	32.85	6.67	8.13	2.4	2.58	85.0
665	9/30/2010 11:01	17.53	50.02	32.81	6.78	8.12	2.7	2.60	86.4
666	9/30/2010 11:16	17.46	49.90	32.73	6.80	8.12	2.6	2.62	86.5
667	9/30/2010 11:31	17.36	49.91	32.74	6.76	8.11	3.0	2.65	85.8
668	9/30/2010 11:46	17.30	49.91	32.74	6.77	8.11	2.7	2.68	85.8
669	9/30/2010 12:01	17.23	50.05	32.84	6.76	8.11	2.9	2.72	85.7
670	9/30/2010 12:16	17.13	49.79	32.65	6.78	8.10	2.9	2.76	85.6
671	9/30/2010 12:31	17.01	49.90	32.72	6.76	8.11	2.9	2.81	85.3
672	9/30/2010 12:46	17.01	49.90	32.72	6.88	8.12	2.7	2.86	86.7
673	9/30/2010 13:01	16.82	49.97	32.77	6.87	8.12	2.9	2.91	86.4
674	9/30/2010 13:16	16.55	49.82	32.66	6.92	8.10	3.1	2.95	86.4
675	9/30/2010 13:31	16.46	49.91	32.72	6.93	8.11	2.9	3.01	86.4
676	9/30/2010 13:46	15.95	49.99	32.77	7.02	8.10	3.1	3.07	86.7
677	9/30/2010 14:01	15.67	50.01	32.78	7.11	8.11	3.4	3.12	87.3
678	9/30/2010 14:16	15.53	49.71	32.56	7.19	8.11	2.6	3.16	88.0
679	9/30/2010 14:31	15.35	50.05	32.81	7.26	8.12	2.4	3.22	88.7
680	9/30/2010 14:46	15.24	50.11	32.85	7.27	8.12	2.3	3.28	88.7
681	9/30/2010 15:01	15.10	50.04	32.79	7.28	8.12	2.5	3.33	88.4
682	9/30/2010 15:16	14.86	49.97	32.74	7.20	8.11	2.2	3.37	87.0
683	9/30/2010 15:31	14.57	50.14	32.85	7.17	8.10	2.9	3.44	86.2
684	9/30/2010 15:46	14.46	50.25	32.93	7.16	8.10	2.3	3.48	85.9
685	9/30/2010 16:01	14.41	50.16	32.87	7.10	8.10	2.1	3.49	85.2
686	9/30/2010 16:16	14.33	50.13	32.84	7.07	8.09	2.0	3.54	84.6
687	9/30/2010 16:31	14.13	50.16	32.86	7.03	8.09	1.8	3.54	83.7
688	9/30/2010 16:46	14.08	50.10	32.81	6.89	8.08	1.5	3.57	82.1

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	
689	9/30/2010 17:01	14.15	50.08	32.79	6.96	8.09	1.9	3.57	83.0
690	9/30/2010 17:16	14.14	50.18	32.87	6.94	8.09	1.6	3.54	82.8
691	9/30/2010 17:31	14.22	50.11	32.82	7.00	8.09	1.9	3.53	83.5
692	9/30/2010 17:46	14.47	50.13	32.84	7.07	8.10	2.2	3.48	84.8
693	9/30/2010 18:01	14.87	50.15	32.87	7.18	8.13	2.3	3.45	86.9
694	9/30/2010 18:16	15.20	50.11	32.85	7.25	8.13	2.7	3.40	88.3
695	9/30/2010 18:31	15.53	50.09	32.84	7.31	8.16	2.8	3.35	89.6
696	9/30/2010 18:46	15.88	50.06	32.82	7.40	8.17	2.6	3.29	91.3
697	9/30/2010 19:01	16.37	50.04	32.82	7.46	8.18	3.2	3.19	93.0
698	9/30/2010 19:16	16.78	49.99	32.78	7.57	8.22	3.4	3.12	95.0
699	9/30/2010 19:31	16.89	49.98	32.78	7.44	8.19	4.6	3.04	93.6
700	9/30/2010 19:46	17.08	49.95	32.76	7.41	8.22	4.5	2.95	93.5
701	9/30/2010 20:01	17.11	49.97	32.78	7.44	8.22	3.7	2.87	94.1
702	9/30/2010 20:16	17.16	49.96	32.77	7.36	8.21	3.5	2.79	93.1
703	9/30/2010 20:31	17.27	49.95	32.76	7.40	8.22	4.1	2.70	93.9
704	9/30/2010 20:46	17.20	49.93	32.75	7.48	8.23	3.6	2.62	94.7
705	9/30/2010 21:01	17.44	49.95	32.77	7.40	8.22	4.1	2.51	94.1
706	9/30/2010 21:16	17.14	49.57	32.48	7.39	8.21	3.9	2.43	93.2
707	9/30/2010 21:31	17.37	49.80	32.66	7.16	8.19	4.6	2.34	90.8
708	9/30/2010 21:46	17.21	49.71	32.59	6.94	8.16	4.8	2.24	87.7
709	9/30/2010 22:01	17.39	49.94	32.76	6.81	8.16	5.0	2.13	86.5
710	9/30/2010 22:16	17.56	49.69	32.58	6.73	8.14	5.7	2.02	85.6
711	9/30/2010 22:31	17.62	49.95	32.77	6.63	8.14	4.7	1.96	84.6
712	9/30/2010 22:46	17.77	49.92	32.75	6.62	8.14	4.7	1.88	84.7
713	9/30/2010 23:01	17.92	49.92	32.74	6.61	8.15	3.9	1.80	84.8
714	9/30/2010 23:16	18.09	49.91	32.74	6.63	8.15	4.0	1.73	85.4
715	9/30/2010 23:31	18.16	49.89	32.72	6.58	8.15	3.5	1.70	84.8
716	9/30/2010 23:46	18.31	50.00	32.81	6.63	8.16	3.8	1.69	85.8
717	10/1/2010 0:01	18.45	50.00	32.81	6.70	8.17	3.2	1.67	86.9
718	10/1/2010 0:16	18.47	49.79	32.65	6.68	8.16	2.9	1.64	86.5
719	10/1/2010 0:31	18.32	49.91	32.74	6.63	8.15	3.3	1.67	85.7
720	10/1/2010 0:46	18.37	49.90	32.74	6.71	8.16	3.7	1.73	86.8
721	10/1/2010 1:01	18.34	49.89	32.73	6.71	8.17	2.9	1.73	86.8
722	10/1/2010 1:16	18.38	49.89	32.73	6.75	8.17	3.0	1.79	87.4
723	10/1/2010 1:31	18.36	49.89	32.73	6.75	8.17	2.9	1.83	87.3
724	10/1/2010 1:46	18.31	49.86	32.70	6.72	8.16	3.4	1.91	86.8
725	10/1/2010 2:01	18.30	49.69	32.58	6.50	8.13	4.9	1.96	83.9
726	10/1/2010 2:16	18.27	49.77	32.64	6.56	8.13	4.1	2.00	84.7
727	10/1/2010 2:31	18.22	49.74	32.62	6.58	8.13	4.0	2.05	84.9
728	10/1/2010 2:46	18.19	49.77	32.63	6.62	8.14	4.8	2.14	85.3
729	10/1/2010 3:01	18.12	49.81	32.67	6.68	8.15	4.0	2.20	86.0
730	10/1/2010 3:16	18.08	49.83	32.68	6.69	8.15	3.7	2.26	86.0
731	10/1/2010 3:31	17.99	49.84	32.69	6.73	8.15	3.5	2.33	86.4
732	10/1/2010 3:46	17.84	49.86	32.70	6.76	8.15	3.4	2.40	86.5
733	10/1/2010 4:01	17.71	49.86	32.70	6.75	8.15	3.7	2.46	86.3
734	10/1/2010 4:16	17.57	49.88	32.71	6.77	8.15	3.4	2.53	86.2
735	10/1/2010 4:31	17.48	49.90	32.73	6.76	8.14	3.3	2.59	86.1
736	10/1/2010 4:46	17.37	49.92	32.74	6.81	8.14	3.1	2.64	86.4
737	10/1/2010 5:01	17.27	49.92	32.74	6.82	8.15	3.1	2.72	86.5
738	10/1/2010 5:16	17.23	49.92	32.74	6.82	8.15	3.2	2.77	86.4
739	10/1/2010 5:31	17.07	49.93	32.74	6.85	8.14	3.2	2.83	86.4
740	10/1/2010 5:46	16.90	49.89	32.71	6.82	8.14	3.1	2.88	85.8
741	10/1/2010 6:01	16.76	49.88	32.71	6.80	8.13	3.7	2.92	85.3

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		
742	10/1/2010 6:16	16.61	49.91	32.73	6.80	8.13	3.1	2.96	85.0
743	10/1/2010 6:31	16.46	49.92	32.73	6.82	8.13	2.9	3.00	85.1
744	10/1/2010 6:46	16.35	49.97	32.77	6.83	8.13	2.9	3.04	85.1
745	10/1/2010 7:01	16.29	49.93	32.74	6.82	8.13	2.7	3.06	84.8
746	10/1/2010 7:16	16.24	49.95	32.75	6.77	8.13	2.4	3.08	84.1
747	10/1/2010 7:31	16.14	50.07	32.84	6.73	8.11	2.4	3.11	83.5
748	10/1/2010 7:46	16.32	50.02	32.80	6.65	8.11	2.1	3.08	82.8
749	10/1/2010 8:01	16.19	49.97	32.76	6.71	8.12	2.1	3.09	83.3
750	10/1/2010 8:16	16.23	49.97	32.76	6.71	8.13	2.5	3.08	83.4
751	10/1/2010 8:31	16.35	49.94	32.75	6.71	8.11	2.9	3.04	83.6
752	10/1/2010 8:46	16.59	49.93	32.74	6.57	8.11	3.2	2.99	82.2
753	10/1/2010 9:01	16.93	49.92	32.74	6.28	8.09	3.1	2.95	79.0
754	10/1/2010 9:16	17.00	49.92	32.74	5.95	8.04	2.9	2.90	75.0
755	10/1/2010 9:31	17.05	49.91	32.73	6.16	8.06	3.1	2.85	77.7
756	10/1/2010 9:46	17.05	49.92	32.74	6.26	8.08	3.4	2.82	79.0
757	10/1/2010 10:01	17.06	49.93	32.75	6.01	8.04	3.4	2.78	75.8
758	10/1/2010 10:16	17.08	49.92	32.74	6.13	8.06	3.8	2.73	77.4
759	10/1/2010 10:31	17.12	49.94	32.75	6.20	8.06	2.7	2.70	78.4
760	10/1/2010 10:46	17.19	49.93	32.75	6.34	8.08	2.7	2.68	80.3
761	10/1/2010 11:01	17.26	50.01	32.81	6.34	8.08	2.7	2.66	80.3
762	10/1/2010 11:16	17.33	50.00	32.80	6.35	8.07	2.7	2.64	80.6
763	10/1/2010 11:31	17.44	49.95	32.77	6.40	8.10	2.8	2.62	81.4
764	10/1/2010 11:46	17.49	50.00	32.80	6.37	8.10	2.6	2.62	81.0
765	10/1/2010 12:01	17.45	49.96	32.77	6.35	8.10	3.1	2.63	80.8
766	10/1/2010 12:16	17.43	50.00	32.80	6.39	8.09	2.8	2.63	81.3
767	10/1/2010 12:31	17.47	49.92	32.74	6.53	8.11	2.7	2.65	83.1
768	10/1/2010 12:46	17.40	49.92	32.74	6.47	8.10	2.6	2.66	82.2
769	10/1/2010 13:01	17.37	49.92	32.75	6.56	8.11	2.8	2.70	83.3
770	10/1/2010 13:16	17.32	49.92	32.74	6.53	8.11	2.6	2.71	82.9
771	10/1/2010 13:31	17.26	49.92	32.74	6.56	8.11	3.0	2.76	83.2
772	10/1/2010 13:46	17.16	49.91	32.73	6.53	8.10	3.0	2.79	82.5
773	10/1/2010 14:01	17.03	49.94	32.76	6.57	8.10	3.1	2.84	82.8
774	10/1/2010 14:16	17.03	49.70	32.58	6.62	8.10	2.7	2.88	83.4
775	10/1/2010 14:31	16.89	49.91	32.73	6.63	8.10	2.8	2.93	83.4
776	10/1/2010 14:46	16.68	49.93	32.74	6.68	8.09	2.8	2.98	83.7
777	10/1/2010 15:01	16.31	49.95	32.75	6.76	8.11	3.0	3.02	84.1
778	10/1/2010 15:16	16.11	49.97	32.76	6.78	8.10	2.9	3.07	84.1
779	10/1/2010 15:31	15.90	50.00	32.78	6.82	8.11	2.8	3.12	84.2
780	10/1/2010 15:46	15.53	50.03	32.80	6.91	8.11	2.7	3.18	84.6
781	10/1/2010 16:01	15.28	50.09	32.84	6.92	8.10	2.6	3.22	84.4
782	10/1/2010 16:16	15.14	50.08	32.82	6.92	8.10	2.3	3.27	84.2
783	10/1/2010 16:31	15.05	50.09	32.83	6.95	8.10	2.3	3.34	84.4
784	10/1/2010 16:46	14.97	50.09	32.83	6.94	8.10	2.3	3.37	84.1
785	10/1/2010 17:01	14.92	50.10	32.83	6.94	8.10	2.1	3.41	84.0
786	10/1/2010 17:16	14.92	50.10	32.83	6.95	8.11	2.1	3.45	84.1
787	10/1/2010 17:31	14.87	50.12	32.84	6.94	8.11	1.9	3.47	84.0
788	10/1/2010 17:46	14.84	50.10	32.83	6.91	8.11	1.6	3.50	83.6
789	10/1/2010 18:01	14.71	50.14	32.86	6.88	8.11	1.8	3.51	83.0
790	10/1/2010 18:16	14.70	50.18	32.88	6.83	8.10	1.5	3.52	82.3
791	10/1/2010 18:31	14.66	50.14	32.85	6.84	8.09	1.8	3.49	82.4
792	10/1/2010 18:46	14.72	50.11	32.83	6.86	8.09	2.1	3.48	82.7
793	10/1/2010 19:01	14.81	50.08	32.82	6.85	8.09	2.6	3.44	82.8
794	10/1/2010 19:16	15.06	50.10	32.84	6.87	8.10	2.6	3.40	83.5

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	
795	10/1/2010 19:31	15.34	50.07	32.82	6.90	8.11	3.1	3.33	84.3
796	10/1/2010 19:46	15.67	50.05	32.81	6.81	8.12	4.8	3.27	83.7
797	10/1/2010 20:01	15.74	50.03	32.80	6.73	8.11	3.9	3.21	82.8
798	10/1/2010 20:16	15.58	50.05	32.82	6.64	8.10	4.4	3.13	81.5
799	10/1/2010 20:31	15.57	50.04	32.81	6.63	8.08	4.6	3.05	81.3
800	10/1/2010 20:46	15.61	50.03	32.80	6.65	8.10	5.7	2.97	81.6
801	10/1/2010 21:01	15.80	50.05	32.81	6.72	8.11	4.8	2.87	82.7
802	10/1/2010 21:16	16.15	50.01	32.79	6.70	8.13	5.7	2.79	83.1
803	10/1/2010 21:31	16.15	50.05	32.82	6.61	8.12	6.0	2.71	82.0
804	10/1/2010 21:46	16.26	50.00	32.79	6.60	8.12	6.0	2.60	82.1
805	10/1/2010 22:01	16.46	49.98	32.77	6.58	8.11	6.3	2.52	82.1
806	10/1/2010 22:16	16.38	49.99	32.78	6.53	8.11	7.0	2.43	81.3
807	10/1/2010 22:31	16.51	49.98	32.78	6.43	8.10	7.9	2.32	80.3
808	10/1/2010 22:46	16.53	49.98	32.78	6.42	8.09	7.2	2.22	80.2
809	10/1/2010 23:01	16.48	49.99	32.78	6.38	8.08	7.2	2.13	79.6
810	10/1/2010 23:16	16.68	49.96	32.77	6.32	8.09	6.5	2.04	79.2
811	10/1/2010 23:31	16.84	49.96	32.77	6.30	8.09	6.1	1.94	79.1
812	10/1/2010 23:46	16.84	49.96	32.76	6.25	8.08	6.3	1.84	78.5
813	10/2/2010 0:01	17.03	49.95	32.76	6.23	8.09	5.5	1.78	78.6
814	10/2/2010 0:16	17.18	49.95	32.76	6.23	8.08	4.9	1.71	78.8
815	10/2/2010 0:31	17.31	49.88	32.71	6.23	8.10	4.3	1.67	79.0
816	10/2/2010 0:46	17.40	49.93	32.75	6.23	8.10	4.2	1.63	79.1
817	10/2/2010 1:01	17.48	49.96	32.77	6.21	8.11	3.5	1.60	79.1
818	10/2/2010 1:16	17.47	50.06	32.84	6.10	8.09	4.6	1.59	77.6
819	10/2/2010 1:31	17.43	49.99	32.79	6.21	8.10	4.0	1.59	79.0
820	10/2/2010 1:46	17.53	49.99	32.80	6.29	8.12	4.1	1.63	80.2
821	10/2/2010 2:01	17.44	49.94	32.76	6.26	8.11	3.8	1.67	79.6
822	10/2/2010 2:16	17.51	49.95	32.76	6.28	8.11	4.1	1.70	80.0
823	10/2/2010 2:31	17.59	49.95	32.76	6.33	8.12	4.3	1.75	80.7
824	10/2/2010 2:46	17.57	50.03	32.82	6.31	8.12	4.2	1.81	80.5
825	10/2/2010 3:01	17.53	49.94	32.76	6.29	8.12	4.2	1.85	80.1
826	10/2/2010 3:16	17.47	49.83	32.68	6.26	8.10	5.1	1.91	79.6
827	10/2/2010 3:31	17.46	49.82	32.67	6.25	8.10	5.2	1.99	79.5
828	10/2/2010 3:46	17.46	49.84	32.68	6.26	8.10	5.2	2.06	79.6
829	10/2/2010 4:01	17.43	49.86	32.70	6.29	8.11	5.1	2.12	79.9
830	10/2/2010 4:16	17.37	49.86	32.70	6.32	8.10		2.20	80.2
831	10/2/2010 4:31	17.32	49.87	32.70	6.32	8.09	4.6	2.26	80.2
832	10/2/2010 4:46	17.26	49.87	32.71	6.33	8.10	4.8	2.34	80.2
833	10/2/2010 5:01	17.21	49.88	32.71	6.35	8.10	4.7	2.43	80.4
834	10/2/2010 5:16	17.05	49.90	32.73	6.43	8.11	4.6	2.48	81.2
835	10/2/2010 5:31	16.97	49.91	32.73	6.48	8.11	4.3	2.55	81.6
836	10/2/2010 5:46	16.89	49.94	32.75	6.52	8.12	4.5	2.64	82.1
837	10/2/2010 6:01	16.79	49.95	32.76	6.55	8.12	4.0	2.70	82.2
838	10/2/2010 6:16	16.74	49.82	32.66	6.55	8.10	4.0	2.75	82.1
839	10/2/2010 6:31	16.57	49.95	32.76	6.58	8.10	4.4	2.82	82.2
840	10/2/2010 6:46	16.46	49.95	32.76	6.63	8.10	3.9	2.88	82.7
841	10/2/2010 7:01	16.35	49.96	32.76	6.60	8.10	3.9	2.92	82.2
842	10/2/2010 7:16	16.15	49.94	32.74	6.63	8.10	4.5	2.99	82.2
843	10/2/2010 7:31	15.90	49.94	32.74	6.66	8.10	3.8	3.03	82.2
844	10/2/2010 7:46	15.79	49.96	32.75	6.69	8.10	3.7	3.07	82.3
845	10/2/2010 8:01	15.68	49.98	32.76	6.65	8.10	4.0	3.10	81.7
846	10/2/2010 8:16	15.44	50.03	32.79	6.67	8.10	3.0	3.14	81.6
847	10/2/2010 8:31	15.37	50.00	32.77	6.61	8.10	2.4	3.16	80.7

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	10/2/2010 8:46	15.55	50.01	32.78	6.59	8.09	2.6	3.16	80.8
849	10/2/2010 9:01	15.41	50.04	32.80	6.59	8.09	2.7	3.16	80.5
850	10/2/2010 9:16	15.46	48.51	31.69	6.70	8.08	3.5	3.13	81.5
851	10/2/2010 9:31	15.69	49.98	32.76	6.60	8.08	3.9	3.10	81.1
852	10/2/2010 9:46	16.01	49.96	32.76	6.36	8.07	3.5	3.05	78.7
853	10/2/2010 10:01	16.22	49.96	32.76	5.87	8.03	3.5	3.00	72.9
854	10/2/2010 10:16	16.27	50.06	32.83	6.09	8.05	3.8	2.94	75.7
855	10/2/2010 10:31	16.32	49.99	32.78	6.20	8.05	4.2	2.88	77.1
856	10/2/2010 10:46	16.38	49.96	32.76	6.30	8.07	3.7	2.83	78.5
857	10/2/2010 11:01	16.39	49.97	32.76	6.31	8.05	3.5	2.78	78.7
858	10/2/2010 11:16	16.41	50.02	32.81	6.38	8.06	2.7	2.72	79.6
859	10/2/2010 11:31	16.41	49.98	32.77	6.41	8.07	2.9	2.68	79.9
860	10/2/2010 11:46	16.54	49.98	32.78	6.34	8.07	2.8	2.64	79.2
861	10/2/2010 12:01	16.63	49.97	32.77	6.33	8.07	3.1	2.60	79.3
862	10/2/2010 12:16	16.69	49.97	32.77	6.31	8.07	2.9	2.56	79.1
863	10/2/2010 12:31	16.72	50.00	32.80	6.30	8.08	2.9	2.53	79.0
864	10/2/2010 12:46	16.77	49.96	32.77	6.37	8.09	2.6	2.49	79.9
865	10/2/2010 13:01	16.81	50.09	32.86	6.45	8.09	3.2	2.47	81.1
866	10/2/2010 13:16	16.89	50.03	32.81	6.42	8.10	2.8	2.47	80.7
867	10/2/2010 13:31	16.93	49.96	32.77	6.36	8.09	2.6	2.45	80.0
868	10/2/2010 13:46	16.87	49.97	32.78	6.38	8.09	3.2	2.47	80.2
869	10/2/2010 14:01	16.89	49.95	32.76	6.38	8.09	3.0	2.49	80.3
870	10/2/2010 14:16	16.91	49.96	32.76	6.32	8.09	2.9	2.50	79.6
871	10/2/2010 14:31	16.91	49.95	32.76	6.33	8.08	3.0	2.54	79.7
872	10/2/2010 14:46	16.89	49.95	32.76	6.33	8.08	3.2	2.59	79.7
873	10/2/2010 15:01	16.81	49.96	32.76	6.34	8.08	3.6	2.62	79.7
874	10/2/2010 15:16	16.72	49.95	32.76	6.37	8.09	3.4	2.67	79.8
875	10/2/2010 15:31	16.64	49.95	32.76	6.38	8.07	3.7	2.74	79.8
876	10/2/2010 15:46	16.59	49.96	32.76	6.42	8.07	3.5	2.78	80.3
877	10/2/2010 16:01	16.48	49.96	32.76	6.45	8.07	3.2	2.84	80.6
878	10/2/2010 16:16	16.18	49.96	32.76	6.50	8.07	3.5	2.89	80.6
879	10/2/2010 16:31	16.12	49.96	32.76	6.55	8.07	3.4	2.96	81.2
880	10/2/2010 16:46	15.79	49.99	32.77	6.69	8.09	3.3	3.02	82.4
881	10/2/2010 17:01	15.52	50.02	32.79	6.76	8.08	3.2	3.06	82.8
882	10/2/2010 17:16	15.38	50.03	32.79	6.81	8.08	2.7	3.13	83.2
883	10/2/2010 17:31	15.32	50.03	32.79	6.82	8.09	2.9	3.19	83.2
884	10/2/2010 17:46	15.09	50.05	32.80	6.86	8.10	3.6	3.25	83.3
885	10/2/2010 18:01	14.89	50.07	32.81	6.90	8.09	2.9	3.30	83.4
886	10/2/2010 18:16	14.74	50.08	32.81	6.94	8.09	2.7	3.36	83.7
887	10/2/2010 18:31	14.63	50.09	32.82	6.94	8.09	2.6	3.41	83.6
888	10/2/2010 18:46	14.56	50.09	32.82	6.95	8.09	2.4	3.44	83.5
889	10/2/2010 19:01	14.48	50.12	32.84	6.96	8.10	2.4	3.47	83.5
890	10/2/2010 19:16	14.35	50.11	32.83	6.95	8.10	1.8	3.49	83.2
891	10/2/2010 19:31	14.52	50.11	32.83	6.94	8.09	1.9	3.50	83.3
892	10/2/2010 19:46	14.34	50.13	32.84	6.91	8.09	1.7	3.50	82.7
893	10/2/2010 20:01	14.36	50.13	32.84	6.93	8.08	1.6	3.47	83.0
894	10/2/2010 20:16	14.40	50.27	32.94	6.92	8.09	3.1	3.44	83.0
895	10/2/2010 20:31	14.52	50.09	32.82	6.88	8.10	2.7	3.39	82.6
896	10/2/2010 20:46	14.86	50.09	32.83	6.74	8.08	2.8	3.34	81.5
897	10/2/2010 21:01	15.14	50.05	32.80	6.69	8.09	3.4	3.26	81.3
898	10/2/2010 21:16	15.35	50.04	32.80	6.65	8.08	4.4	3.17	81.2
899	10/2/2010 21:31	15.43	50.04	32.80	6.64	8.09	4.5	3.11	81.3
900	10/2/2010 21:46	15.38	50.02	32.79	6.50	8.06	3.7	3.02	79.4

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	10/2/2010 22:01	15.71	50.03	32.80	6.68	8.09	4.5	2.93	82.2
902	10/2/2010 22:16	16.01	50.00	32.78	6.82	8.12	3.8	2.84	84.3
903	10/2/2010 22:31	16.27	49.99	32.78	6.87	8.14	4.3	2.76	85.5
904	10/2/2010 22:46	16.53	49.97	32.77	7.16	8.18	4.6	2.66	89.5
905	10/2/2010 23:01	16.38	49.98	32.77	6.85	8.15	4.1	2.56	85.3
906	10/2/2010 23:16	16.43	49.99	32.79	6.93	8.15	4.2	2.46	86.5
907	10/2/2010 23:31	16.47	49.97	32.77	6.89	8.16	4.5	2.36	86.0
908	10/2/2010 23:46	16.29	49.98	32.77	6.50	8.09	5.0	2.26	80.9
909	10/3/2010 0:01	16.26	49.98	32.77	6.33	8.08	5.6	2.16	78.6
910	10/3/2010 0:16	16.20	49.97	32.76	6.23	8.07	5.1	2.04	77.3
911	10/3/2010 0:31	16.27	49.97	32.77	6.15	8.06	4.9	1.95	76.5
912	10/3/2010 0:46	16.30	49.99	32.78	6.07	8.04	4.6	1.85	75.6
913	10/3/2010 1:01	16.42	49.97	32.76	6.03	8.05	4.6	1.79	75.2
914	10/3/2010 1:16	16.50	49.97	32.77	6.02	8.05	4.2	1.68	75.1
915	10/3/2010 1:31	16.55	49.97	32.77	5.98	8.04	3.8	1.61	74.7
916	10/3/2010 1:46	16.69	49.97	32.77	5.99	8.06	3.6	1.58	75.0
917	10/3/2010 2:01	16.74	50.06	32.84	5.95	8.05	3.2	1.54	74.6
918	10/3/2010 2:16	16.78	50.12	32.88	6.07	8.07	3.4	1.52	76.2
919	10/3/2010 2:31	16.70	49.95	32.76	5.90	8.05	3.1	1.52	73.9
920	10/3/2010 2:46	16.77	49.96	32.76	6.07	8.07	3.2	1.54	76.2
921	10/3/2010 3:01	16.83	50.03	32.82	6.12	8.08	3.4	1.60	76.9
922	10/3/2010 3:16	16.88	49.94	32.75	6.20	8.09	3.2	1.62	78.0
923	10/3/2010 3:31	16.92	49.95	32.76	6.25	8.10	3.7	1.68	78.7
924	10/3/2010 3:46	16.88	49.95	32.76	6.22	8.09	3.5	1.76	78.3
925	10/3/2010 4:01	16.75	49.75	32.61	6.19	8.06	9.6	1.84	77.6
926	10/3/2010 4:16	16.67	49.59	32.50	6.15	8.03	14.6	1.90	77.0
927	10/3/2010 4:31	16.69	49.68	32.56	6.19	8.05	5.8	2.00	77.5
928	10/3/2010 4:46	16.69	49.80	32.65	6.20	8.06	4.6	2.03	77.7
929	10/3/2010 5:01	16.65	49.82	32.66	6.22	8.06	4.4	2.18	77.8
930	10/3/2010 5:16	16.63	49.83	32.67	6.24	8.05	4.6	2.25	78.1
931	10/3/2010 5:31	16.62	49.83	32.67	6.25	8.05	4.8	2.28	78.2
932	10/3/2010 5:46	16.59	49.85	32.68	6.28	8.06	4.2	2.40	78.6
933	10/3/2010 6:01	16.51	49.87	32.70	6.30	8.07	4.3	2.48	78.7
934	10/3/2010 6:16	16.43	49.90	32.72	6.30	8.07	4.7	2.55	78.6
935	10/3/2010 6:31	16.34	49.92	32.73	6.34	8.07	4.6	2.64	78.9
936	10/3/2010 6:46	16.24	49.93	32.73	6.36	8.07	4.6	2.72	79.0
937	10/3/2010 7:01	16.12	49.93	32.74	6.39	8.07	5.1	2.78	79.2
938	10/3/2010 7:16	15.97	49.94	32.74	6.43	8.07	4.7	2.84	79.5
939	10/3/2010 7:31	15.86	49.96	32.75	6.45	8.06	5.2	2.91	79.5
940	10/3/2010 7:46	15.61	49.93	32.72	6.53	8.07	6.8	3.01	80.1
941	10/3/2010 8:01	15.38	49.94	32.73	6.61	8.07	5.9	3.07	80.7
942	10/3/2010 8:16	15.23	49.97	32.74	6.65	8.07	5.6	3.10	81.0
943	10/3/2010 8:31	14.99	49.98	32.75	6.71	8.06	5.2	3.18	81.4
944	10/3/2010 8:46	14.77	49.97	32.73	6.78	8.07	4.5	3.22	81.8
945	10/3/2010 9:01	14.54	50.01	32.76	6.85	8.08	4.8	3.26	82.3
946	10/3/2010 9:16	14.64	50.01	32.76	6.81	8.06	3.5	3.27	82.0
947	10/3/2010 9:31	14.29	50.21	32.90	6.84	8.06	2.1	3.30	81.9
948	10/3/2010 9:46	14.47	50.18	32.88	6.78	8.06	3.2	3.31	81.4
949	10/3/2010 10:01	14.37	50.05	32.78	6.87	8.07	3.6	3.29	82.2
950	10/3/2010 10:16	14.57	50.04	32.78	6.78	8.06	3.6	3.25	81.5
951	10/3/2010 10:31	14.78	50.17	32.88	6.67	8.06	4.4	3.17	80.5
952	10/3/2010 10:46	15.24	50.08	32.83	6.50	8.05	5.0	3.13	79.2
953	10/3/2010 11:01	15.36	50.05	32.81	6.53	8.05	4.5	3.06	79.7

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	
954	10/3/2010 11:16	15.52	49.96	32.74	6.60	8.06	4.5	3.00	80.9
955	10/3/2010 11:31	15.62	49.99	32.77	6.60	8.07	3.9	2.89	81.0
956	10/3/2010 11:46	15.78	50.13	32.87	6.57	8.06	5.6	2.82	80.9
957	10/3/2010 12:01	15.95	49.95	32.75	6.48	8.06	4.3	2.74	80.1
958	10/3/2010 12:16	16.15	50.00	32.79	6.59	8.08	3.9	2.68	81.8
959	10/3/2010 12:31	16.37	50.06	32.83	6.49	8.06	4.3	2.63	80.9
960	10/3/2010 12:46	16.48	50.09	32.85	6.53	8.08	3.7	2.58	81.5
961	10/3/2010 13:01	16.58	50.12	32.88	6.60	8.09	3.5	2.50	82.6
962	10/3/2010 13:16	16.63	50.12	32.88	6.66	8.09	3.7	2.46	83.4
963	10/3/2010 13:31	16.69	50.19	32.94	6.83	8.10	3.2	2.41	85.7
964	10/3/2010 13:46	16.73	50.23	32.96	6.76	8.10	3.0	2.35	84.9
965	10/3/2010 14:01	16.80	50.19	32.93	6.69	8.10	2.5	2.29	84.1
966	10/3/2010 14:16	16.81	50.12	32.88	6.73	8.11	2.4	2.26	84.6
967	10/3/2010 14:31	16.84	49.91	32.73	6.62	8.11	1.5	2.22	83.2
968	10/3/2010 14:46	16.94	50.16	32.92	6.75	8.12	3.5	2.23	85.1
969	10/3/2010 15:01	16.90	50.07	32.85	7.04	8.12	3.1	2.22	88.7
970	10/3/2010 15:16	16.90	50.19	32.94	6.85	8.11	2.9	2.24	86.4
971	10/3/2010 15:31	16.92	49.94	32.75	6.86	8.11	2.8	2.26	86.4
972	10/3/2010 15:46	16.92	49.91	32.73	6.74	8.10	3.2	2.30	84.9
973	10/3/2010 16:01	16.99	49.89	32.72	6.70	8.11	3.7	2.35	84.4
974	10/3/2010 16:16	16.88	49.89	32.71	6.60	8.10	4.1	2.40	83.0
975	10/3/2010 16:31	16.83	49.88	32.71	6.55	8.09	4.0	2.48	82.3
976	10/3/2010 16:46	16.77	49.88	32.71	6.62	8.09	5.9	2.56	83.1
977	10/3/2010 17:01	16.60	50.03	32.82	6.62	8.08	4.5	2.63	82.9
978	10/3/2010 17:16	16.50	49.91	32.72	6.59	8.07	4.2	2.70	82.3
979	10/3/2010 17:31	16.41	49.90	32.72	6.51	8.06	4.0	2.76	81.1
980	10/3/2010 17:46	16.09	49.91	32.72	6.49	8.06	3.8	2.83	80.3
981	10/3/2010 18:01	15.94	49.93	32.73	6.51	8.07	3.6	2.92	80.4
982	10/3/2010 18:16	15.72	49.94	32.73	6.54	8.07	3.9	3.00	80.4
983	10/3/2010 18:31	15.61	49.94	32.73	6.56	8.06	3.8	3.04	80.5
984	10/3/2010 18:46	15.35	49.96	32.74	6.63	8.06	4.4	3.12	80.9
985	10/3/2010 19:01	15.12	49.97	32.74	6.71	8.06	4.9	3.18	81.6
986	10/3/2010 19:16	14.85	50.01	32.77	6.79	8.06	5.7	3.26	82.0
987	10/3/2010 19:31	14.63	50.01	32.76	6.88	8.07	5.3	3.31	82.8
988	10/3/2010 19:46	14.42	50.06	32.79	6.95	8.07	4.8	3.38	83.3
989	10/3/2010 20:01	14.21	50.06	32.79	7.00	8.09	4.3	3.44	83.5
990	10/3/2010 20:16	14.11	50.09	32.80	6.98	8.07	3.8	3.49	83.2
991	10/3/2010 20:31	14.07	50.06	32.78	6.94	8.09	3.0	3.50	82.6
992	10/3/2010 20:46	14.05	50.07	32.79	6.88	8.06	2.1	3.53	81.8
993	10/3/2010 21:01	14.26	50.17	32.87	6.81	8.08	2.6	3.54	81.4
994	10/3/2010 21:16	14.07	50.07	32.79	6.92	8.07	2.8	3.49	82.3
995	10/3/2010 21:31	14.11	50.04	32.77	6.93	8.07	3.6	3.46	82.5
996	10/3/2010 21:46	14.33	50.03	32.77	6.81	8.06	3.7	3.42	81.5
997	10/3/2010 22:01	14.60	50.01	32.76	6.69	8.06	3.8	3.34	80.5
998	10/3/2010 22:16	14.87	49.99	32.75	6.54	8.05	4.3	3.25	79.1
999	10/3/2010 22:31	14.97	49.98	32.75	6.51	8.04	4.8	3.18	78.8
1000	10/3/2010 22:46	14.99	50.06	32.80	6.55	8.05	4.8	3.08	79.4
1001	10/3/2010 23:01	15.11	49.99	32.75	6.52	8.05	4.9	2.98	79.1
1002	10/3/2010 23:16	15.47	50.01	32.78	6.51	8.06	5.6	2.88	79.7
1003	10/3/2010 23:31	15.86	50.00	32.78	6.44	8.07	5.1	2.79	79.4
1004	10/3/2010 23:46	15.98	49.97	32.76	6.40	8.06	5.2	2.69	79.1
1005	10/4/2010 0:01	16.10	49.97	32.76	6.38	8.07	5.2	2.59	79.0
1006	10/4/2010 0:16	15.96	49.95	32.75	6.39	8.07	6.0	2.46	79.0

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	10/4/2010 0:31	15.79	49.97	32.76	6.39	8.06	5.1	2.36	78.7
1008	10/4/2010 0:46	15.64	49.96	32.75	6.41	8.05	5.2	2.25	78.7
1009	10/4/2010 1:01	15.56	50.01	32.78	6.32	8.04	6.1	2.13	77.5
1010	10/4/2010 1:16	15.65	49.94	32.73	6.26	8.04	6.0	2.02	76.9
1011	10/4/2010 1:31	15.76	49.97	32.75	6.25	8.05	5.1	1.93	77.0
1012	10/4/2010 1:46	15.95	49.95	32.74	6.24	8.05	4.8	1.81	77.1
1013	10/4/2010 2:01	15.93	49.96	32.75	6.19	8.05	4.9	1.69	76.5
1014	10/4/2010 2:16	16.12	49.95	32.75	6.23	8.04	4.6	1.61	77.2
1015	10/4/2010 2:31	16.23	49.96	32.76	6.21	8.05	4.5	1.54	77.1
1016	10/4/2010 2:46	16.38	49.92	32.73	6.23	8.07	4.0	1.49	77.6
1017	10/4/2010 3:01	16.55	49.92	32.74	6.31	8.07	3.7	1.46	78.8
1018	10/4/2010 3:16	16.64	49.91	32.73	6.33	8.08	3.8	1.44	79.2
1019	10/4/2010 3:31	16.51	49.91	32.73	6.28	8.08	3.6	1.47	78.4
1020	10/4/2010 3:46	16.85	49.92	32.74	6.56	8.13	3.4	1.48	82.4
1021	10/4/2010 4:01	16.69	49.91	32.73	6.45	8.11	3.2	1.53	80.8
1022	10/4/2010 4:16	16.87	49.91	32.73	6.62	8.14	3.5	1.60	83.2
1023	10/4/2010 4:31	16.87	49.92	32.74	6.61	8.14	3.5	1.67	83.1
1024	10/4/2010 4:46	16.77	49.79	32.64	6.49	8.11	4.6	1.75	81.4
1025	10/4/2010 5:01	16.73	49.60	32.50	6.38	8.08	6.0	1.83	79.9
1026	10/4/2010 5:16	16.72	49.66	32.54	6.39	8.08	5.7	1.91	80.0
1027	10/4/2010 5:31	16.63	49.78	32.63	6.38	8.08	4.8	2.01	79.8
1028	10/4/2010 5:46	16.56	49.79	32.64	6.35	8.07	10.3	2.10	79.3
1029	10/4/2010 6:01	16.51	49.83	32.66	6.33	8.08	4.4	2.17	79.0
1030	10/4/2010 6:16	16.43	49.83	32.67	6.31	8.07	4.8	2.27	78.6
1031	10/4/2010 6:31	16.31	49.85	32.68	6.28	8.06	4.9	2.38	78.1
1032	10/4/2010 6:46	16.25	49.87	32.69	6.26	8.05	5.0	2.46	77.8
1033	10/4/2010 7:01	16.16	49.89	32.71	6.24	8.05	5.4	2.55	77.4
1034	10/4/2010 7:16	15.98	49.91	32.71	6.23	8.04	5.9	2.64	77.0
1035	10/4/2010 7:31	15.81	49.92	32.72	6.25	8.04	6.5	2.72	77.0
1036	10/4/2010 7:46	15.68	49.92	32.72	6.28	8.05	7.6	2.81	77.2
1037	10/4/2010 8:01	15.59	49.92	32.71	6.31	8.03	7.1	2.90	77.3
1038	10/4/2010 8:16	15.35	49.89	32.69	6.37	8.05	8.7	2.98	77.8
1039	10/4/2010 8:31	15.02	49.93	32.71	6.47	8.05	9.7	3.07	78.5
1040	10/4/2010 8:46	14.80	49.95	32.72	6.54	8.04	8.4	3.14	78.9
1041	10/4/2010 9:01	14.39	50.05	32.78	6.66	8.04	11.2	3.21	79.8
1042	10/4/2010 9:16	14.13	50.09	32.81	6.75	8.04	17.8	3.28	80.5
1043	10/4/2010 9:31	13.99	50.06	32.78	6.79	8.04	36.1	3.35	80.7
1044	10/4/2010 9:46	13.98	50.06	32.78	6.79	8.05	22.8	3.40	80.7
1045	10/4/2010 10:01	13.91	49.99	32.72	6.79	8.05	4.2	3.43	80.5
1046	10/4/2010 10:16	13.90	50.06	32.78	6.72	8.05	2.6	3.44	79.7
1047	10/4/2010 10:31	13.95	50.09	32.80	6.74	8.04	15.3	3.45	80.1
1048	10/4/2010 10:46	13.87	50.25	32.91	6.76	8.04	3.6	3.44	80.2
1049	10/4/2010 11:01	13.89	50.02	32.74	6.77	8.04	16.4	3.37	80.3
1050	10/4/2010 11:16	14.13	50.02	32.75	6.79	8.05	9.0	3.32	80.9
1051	10/4/2010 11:31	14.42	49.97	32.73	6.91	8.07	7.8	3.23	82.8
1052	10/4/2010 11:46	14.62	50.07	32.81	7.02	8.09	8.4	3.13	84.4
1053	10/4/2010 12:01	14.75	50.02	32.77	7.05	8.10	11.2	3.04	85.0
1054	10/4/2010 12:16	15.03	49.98	32.75	7.02	8.09	7.9	2.95	85.2
1055	10/4/2010 12:31	15.12	50.00	32.77	7.12	8.11	7.4	2.86	86.6
1056	10/4/2010 12:46	15.29	49.98	32.76	7.22	8.11	6.4	2.78	88.0
1057	10/4/2010 13:01	15.42	49.99	32.76	7.21	8.13	7.9	2.67	88.2
1058	10/4/2010 13:16	15.62	49.95	32.74	7.21	8.13	8.1	2.58	88.5
1059	10/4/2010 13:31	15.92	49.93	32.73	7.10	8.12	10.6	2.50	87.6

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	
1060	10/4/2010 13:46	15.94	49.98	32.77	7.25	8.14	10.6	2.42	89.6
1061	10/4/2010 14:01	16.17	49.96	32.75	7.21	8.16	9.9	2.32	89.5
1062	10/4/2010 14:16	16.31	49.93	32.74	7.02	8.13	10.4	2.24	87.3
1063	10/4/2010 14:31	16.36	49.99	32.78	7.03	8.14	10.4	2.17	87.6
1064	10/4/2010 14:46	16.44	49.92	32.73	6.90	8.12	10.2	2.09	86.1
1065	10/4/2010 15:01	16.50	50.01	32.80	6.86	8.12	9.4	2.03	85.6
1066	10/4/2010 15:16	16.56	50.18	32.92	6.79	8.12	8.7	1.97	84.9
1067	10/4/2010 15:31	16.60	50.15	32.90	6.75	8.13	7.2	1.95	84.6
1068	10/4/2010 15:46	16.62	50.08	32.85	6.67	8.13	4.9	1.95	83.5
1069	10/4/2010 16:01	16.62	50.16	32.91	6.88	8.13	7.6	1.94	86.1
1070	10/4/2010 16:16	16.61	49.95	32.76	6.90	8.13	6.9	1.96	86.4
1071	10/4/2010 16:31	16.61	49.93	32.74	6.92	8.15	6.5	2.00	86.6
1072	10/4/2010 16:46	16.78	49.91	32.73	6.74	8.12	9.3	2.08	84.6
1073	10/4/2010 17:01	16.81	49.90	32.72	6.76	8.13	8.9	2.14	84.9
1074	10/4/2010 17:16	16.78	49.90	32.72	6.69	8.11	9.5	2.24	84.0
1075	10/4/2010 17:31	16.89	49.83	32.67	6.70	8.10	9.3	2.32	84.3
1076	10/4/2010 17:46	16.80	49.82	32.66	6.71	8.10	12.0	2.40	84.2
1077	10/4/2010 18:01	16.63	49.85	32.68	6.74	8.10	8.9	2.49	84.3
1078	10/4/2010 18:16	16.54	49.85	32.68	6.73	8.10	7.9	2.57	84.1
1079	10/4/2010 18:31	16.45	49.86	32.69	6.67	8.09	8.0	2.65	83.1
1080	10/4/2010 18:46	16.09	49.89	32.70	6.52	8.07	8.4	2.72	80.7
1081	10/4/2010 19:01	15.89	49.91	32.72	6.49	8.07	8.5	2.81	80.0
1082	10/4/2010 19:16	15.76	49.92	32.72	6.46	8.07	7.0	2.89	79.5
1083	10/4/2010 19:31	15.56	49.94	32.73	6.47	8.05	7.6	2.97	79.3
1084	10/4/2010 19:46	15.34	49.96	32.74	6.50	8.06	8.3	3.06	79.3
1085	10/4/2010 20:01	15.15	49.90	32.69	6.56	8.05	7.6	3.14	79.7
1086	10/4/2010 20:16	15.02	49.98	32.75	6.59	8.05	8.1	3.22	79.9
1087	10/4/2010 20:31	14.81	49.98	32.74	6.68	8.06	8.7	3.30	80.7
1088	10/4/2010 20:46	14.60	50.00	32.75	6.70	8.06	8.7	3.36	80.6
1089	10/4/2010 21:01	14.33	50.02	32.76	6.75	8.06	7.4	3.42	80.7
1090	10/4/2010 21:16	14.14	50.19	32.88	6.78	8.06	7.0	3.48	80.8
1091	10/4/2010 21:31	14.04	50.11	32.82	6.79	8.06	4.9	3.53	80.8
1092	10/4/2010 21:46	14.02	50.35	32.99	6.72	8.06	3.9	3.57	80.0
1093	10/4/2010 22:01	14.02	50.06	32.78	6.61	8.05	3.8	3.55	78.6
1094	10/4/2010 22:16	13.85	50.16	32.85	6.75	8.06	3.8	3.56	80.0
1095	10/4/2010 22:31	13.88	50.17	32.86	6.79	8.06	6.0	3.54	80.5
1096	10/4/2010 22:46	14.00	50.15	32.84	6.65	8.05	34.8	3.46	79.1
1097	10/4/2010 23:01	13.82	50.13	32.83	6.72	8.05	44.8	3.39	79.6
1098	10/4/2010 23:16	13.76	50.17	32.85	6.72	8.06	40.8	3.31	79.5
1099	10/4/2010 23:31	13.76	50.14	32.83	6.72	8.06	35.7	3.23	79.5
1100	10/4/2010 23:46	13.75	50.14	32.83	6.69	8.05	32.0	3.10	79.1
1101	10/5/2010 0:01	13.74	50.18	32.86	6.68	8.05	22.9	3.00	78.9
1102	10/5/2010 0:16	14.08	50.00	32.74	6.59	8.05	22.2	2.91	78.5
1103	10/5/2010 0:31	14.17	50.02	32.75	6.55	8.05	19.4	2.79	78.1
1104	10/5/2010 0:46	14.26	50.03	32.76	6.50	8.05	24.2	2.67	77.6
1105	10/5/2010 1:01	14.47	50.03	32.77	6.45	8.05	25.1	2.55	77.4
1106	10/5/2010 1:16	14.51	50.04	32.78	6.43	8.04	23.4	2.45	77.2
1107	10/5/2010 1:31	14.66	50.18	32.89	6.44	8.05		2.34	77.6
1108	10/5/2010 1:46	14.76	50.00	32.75	6.41	8.04	21.7	2.19	77.4
1109	10/5/2010 2:01	15.05	50.02	32.78	6.35	8.04	24.1	2.06	77.1
1110	10/5/2010 2:16	15.21	50.00	32.77	6.29	8.04	19.9	1.96	76.5
1111	10/5/2010 2:31	15.11	50.03	32.79	6.28	8.05	18.1	1.84	76.3
1112	10/5/2010 2:46	15.38	50.01	32.78	6.25	8.06	16.7	1.73	76.4

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	
1113	10/5/2010 3:01	15.37	50.02	32.78	6.24	8.04	15.1	1.63	76.2
1114	10/5/2010 3:16	15.56	50.23	32.95	6.20	8.05	13.2	1.51	76.1
1115	10/5/2010 3:31	15.69	49.99	32.77	6.19	8.05	12.2	1.48	76.1
1116	10/5/2010 3:46	15.73	50.02	32.79	6.15	8.07	10.9	1.43	75.6
1117	10/5/2010 4:01	15.80	50.12	32.87	6.06	8.05	73.7	1.38	74.7
1118	10/5/2010 4:16	15.66	50.03	32.80	6.04	8.05	9.7	1.41	74.2
1119	10/5/2010 4:31	15.63	50.00	32.78	6.17	8.05	10.4	1.42	75.8
1120	10/5/2010 4:46	15.69	49.97	32.76	6.19	8.06	10.0	1.47	76.1
1121	10/5/2010 5:01	15.91	49.94	32.74	6.17	8.08	12.0	1.52	76.1
1122	10/5/2010 5:16	15.77	49.94	32.74	6.17	8.07	12.5	1.61	76.0
1123	10/5/2010 5:31	15.86	49.93	32.73	6.14	8.07	14.8	1.70	75.8
1124	10/5/2010 5:46	15.82	49.90	32.71	6.15	8.07	15.1	1.78	75.8
1125	10/5/2010 6:01	15.76	49.94	32.74	6.15	8.07	15.0	1.88	75.7
1126	10/5/2010 6:16	15.73	49.83	32.66	6.17	8.07	15.1	1.97	75.8
1127	10/5/2010 6:31	15.66	49.85	32.67	6.21	8.06	14.6	2.11	76.2
1128	10/5/2010 6:46	15.59	49.89	32.70	6.22	8.07	15.6	2.19	76.3
1129	10/5/2010 7:01	15.50	49.98	32.76	6.27	8.06	12.6	2.28	76.7
1130	10/5/2010 7:16	15.51	49.75	32.59	6.25	8.05	13.7	2.40	76.5
1131	10/5/2010 7:31	15.46	50.00	32.78	6.24	8.06	15.4	2.48	76.3
1132	10/5/2010 7:46	15.37	50.01	32.78	6.28	8.06	15.0	2.58	76.7
1133	10/5/2010 8:01	15.25	50.02	32.78	6.29	8.06	18.4	2.67	76.6
1134	10/5/2010 8:16	15.15	50.02	32.78	6.31	8.06	19.2	2.77	76.7
1135	10/5/2010 8:31	15.04	50.03	32.79	6.35	8.06	19.8	2.87	77.1
1136	10/5/2010 8:46	14.90	50.00	32.76	6.40	8.04	24.4	2.96	77.4
1137	10/5/2010 9:01	14.52	50.03	32.77	6.50	8.04	25.4	3.04	78.0
1138	10/5/2010 9:16	14.09	50.08	32.80	6.62	8.05	25.5	3.13	78.9
1139	10/5/2010 9:31	13.63	50.16	32.84	6.77	8.04	26.4	3.23	79.8
1140	10/5/2010 9:46	13.51	50.19	32.85	6.79	8.05	22.7	3.32	80.0
1141	10/5/2010 10:01	13.46	50.19	32.85	6.79	8.05	21.6	3.39	79.8
1142	10/5/2010 10:16	13.30	50.23	32.88	6.80	8.05	13.7	3.46	79.7
1143	10/5/2010 10:31	13.16	50.23	32.87	6.81	8.05	8.1	3.52	79.6
1144	10/5/2010 10:46	13.08	50.29	32.91	6.79	8.05	6.3	3.54	79.2
1145	10/5/2010 11:01	13.03	50.27	32.89	6.79	8.04	5.5	3.58	79.1
1146	10/5/2010 11:16	13.04	50.25	32.88	6.78	8.05	6.5	3.53	79.0
1147	10/5/2010 11:31	13.49	50.24	32.89	6.79	8.05	21.1	3.47	79.9
1148	10/5/2010 11:46	13.36	50.24	32.89	6.88	8.05	52.2	3.43	80.7
1149	10/5/2010 12:01	13.30	50.24	32.88	6.88	8.05	68.9	3.37	80.6
1150	10/5/2010 12:16	13.33	50.23	32.88	6.86	8.05	67.9	3.26	80.4
1151	10/5/2010 12:31	13.43	50.22	32.88	6.85	8.05	54.1	3.14	80.5
1152	10/5/2010 12:46	13.56	50.21	32.87	6.81	8.05	50.8	3.05	80.3
1153	10/5/2010 13:01	13.63	49.53	32.38	6.85	8.05	48.5	2.94	80.6
1154	10/5/2010 13:16	13.90	50.19	32.87	6.77	8.05	51.8	2.83	80.3
1155	10/5/2010 13:31	14.33	50.15	32.85	6.64	8.04	81.2	2.71	79.5
1156	10/5/2010 13:46	14.67	50.16	32.87	6.58	8.04	95.3	2.60	79.3
1157	10/5/2010 14:01	14.87	50.14	32.86	6.49	8.04	129.3	2.50	78.6
1158	10/5/2010 14:16	14.85	50.13	32.86	6.49	8.03	138.9	2.38	78.5
1159	10/5/2010 14:31	14.92	50.12	32.85	6.51	8.04	190.8	2.27	78.8
1160	10/5/2010 14:46	15.17	50.14	32.87	6.45	8.03	179.3	2.14	78.6
1161	10/5/2010 15:01	15.34	50.09	32.84	6.44	8.04		2.04	78.6
1162	10/5/2010 15:16	15.49	50.11	32.85	6.38	8.04	220.5	1.93	78.1
1163	10/5/2010 15:31	15.68	50.07	32.83	6.32	8.03	177.1	1.82	77.7
1164	10/5/2010 15:46	15.79	50.06	32.82	6.27	8.03	103.2	1.74	77.3
1165	10/5/2010 16:01	15.90	49.95	32.74	6.21	8.03	61.8	1.67	76.7

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		
1166	10/5/2010 16:16	15.96	50.02	32.80	6.14	8.04	32.3	1.62	75.9
1167	10/5/2010 16:31	15.99	50.03	32.80	6.08	8.03	27.6	1.57	75.2
1168	10/5/2010 16:46	15.97	50.06	32.82	5.99	8.01	28.1	1.58	74.1
1169	10/5/2010 17:01	15.90	50.04	32.81	6.30	8.05	33.1	1.63	77.8
1170	10/5/2010 17:16	15.93	50.02	32.79	6.31	8.03	33.7	1.65	77.9
1171	10/5/2010 17:31	15.87	50.02	32.80	6.35	8.05	38.5	1.72	78.4
1172	10/5/2010 17:46	15.91	50.02	32.80	6.36	8.04	39.5	1.80	78.5
1173	10/5/2010 18:01	15.87	50.03	32.80	6.31	8.03	41.5	1.88	77.9
1174	10/5/2010 18:16	15.88	50.03	32.80	6.36	8.04	39.8	1.99	78.5
1175	10/5/2010 18:31	15.87	49.96	32.75	6.39	8.05	46.1	2.07	78.8
1176	10/5/2010 18:46	15.73	49.96	32.75	6.44	8.03	40.6	2.18	79.2
1177	10/5/2010 19:01	15.60	49.98	32.76	6.48	8.04	34.4	2.26	79.4
1178	10/5/2010 19:16	15.58	49.21	32.20	6.47	8.04	38.7	2.37	79.0
1179	10/5/2010 19:31	15.59	49.99	32.77	6.42	8.05	28.3	2.45	78.7
1180	10/5/2010 19:46	15.29	49.99	32.76	6.45	8.04	58.4	2.56	78.7
1181	10/5/2010 20:01	15.11	50.00	32.77	6.46	8.04	55.4	2.66	78.4
1182	10/5/2010 20:16	14.96	49.99	32.76	6.48	8.05	55.3	2.76	78.5
1183	10/5/2010 20:31	14.74	50.01	32.76	6.54	8.04	45.0	2.82	78.8
1184	10/5/2010 20:46	14.68	48.60	31.74	6.60	8.04	51.9	2.93	79.0
1185	10/5/2010 21:01	14.31	50.04	32.77	6.65	8.04	57.5	3.02	79.6
1186	10/5/2010 21:16	13.96	50.08	32.79	6.73	8.04	37.5	3.11	79.9
1187	10/5/2010 21:31	13.80	50.08	32.79	6.75	8.04	25.1	3.19	79.9
1188	10/5/2010 21:46	13.48	50.12	32.81	6.85	8.04	38.8	3.26	80.5
1189	10/5/2010 22:01	13.37	50.13	32.81	6.87	8.04	29.5	3.36	80.6
1190	10/5/2010 22:16	13.21	50.15	32.82	6.88	8.04	24.5	3.43	80.5
1191	10/5/2010 22:31	13.03	50.18	32.83	6.87	8.03	12.8	3.49	80.0
1192	10/5/2010 22:46	12.94	50.20	32.84	6.88	8.03	10.3	3.51	80.0
1193	10/5/2010 23:01	12.86	50.20	32.84	6.78	8.02	4.9	3.56	78.7
1194	10/5/2010 23:16	13.26	50.18	32.84	6.67	8.03	7.6	3.57	78.2
1195	10/5/2010 23:31	13.05	50.20	32.85	6.68	8.02	8.1	3.56	77.9
1196	10/5/2010 23:46	12.97	50.16	32.81	6.82	8.03	12.2	3.49	79.4
1197	10/6/2010 0:01	13.29	50.14	32.81	6.72	8.03	26.9	3.43	78.8
1198	10/6/2010 0:16	13.94	49.32	32.24	6.45	8.03	28.7	3.34	76.3
1199	10/6/2010 0:31	13.58	50.14	32.82	6.59	8.04	19.3	3.24	77.7
1200	10/6/2010 0:46	13.51	50.12	32.81	6.60	8.02	22.6	3.12	77.7
1201	10/6/2010 1:01	14.05	49.85	32.63	6.46	8.03	27.2	3.02	76.8
1202	10/6/2010 1:16	14.26	50.07	32.79	6.42	8.03	37.2	2.90	76.7
1203	10/6/2010 1:31	14.43	50.05	32.79	6.33	8.02	32.6	2.80	75.9
1204	10/6/2010 1:46	14.61	50.03	32.78	6.25	8.02	40.5	2.67	75.2
1205	10/6/2010 2:01	14.70	50.04	32.79	6.18	8.02	26.7	2.56	74.4
1206	10/6/2010 2:16	14.83	50.04	32.79	6.22	8.03	30.6	2.43	75.2
1207	10/6/2010 2:31	14.82	50.04	32.79	6.20	8.03	33.0	2.31	74.9
1208	10/6/2010 2:46	14.70	50.03	32.78	6.21	8.02	35.7	2.18	74.9
1209	10/6/2010 3:01	14.57	50.04	32.78	6.16	8.00	29.7	2.04	74.0
1210	10/6/2010 3:16	14.60	50.03	32.77	6.14	8.00	32.4	1.92	73.8
1211	10/6/2010 3:31	14.72	50.03	32.78	6.17	8.01	28.4	1.80	74.4
1212	10/6/2010 3:46	14.69	50.05	32.79	6.06	8.00	23.1	1.68	73.0
1213	10/6/2010 4:01	14.84	50.01	32.77	6.09	8.01	20.5	1.63	73.6
1214	10/6/2010 4:16	14.85	50.03	32.78	6.06	8.00	15.6	1.51	73.3
1215	10/6/2010 4:31	14.95	50.02	32.78	6.03	8.00	13.9	1.49	73.0
1216	10/6/2010 4:46	15.06	50.00	32.76	6.03	8.00	14.5	1.44	73.1
1217	10/6/2010 5:01	14.91	50.02	32.78	5.98	7.99	11.5	1.47	72.3
1218	10/6/2010 5:16	14.97	50.03	32.78	6.09	8.02	12.2	1.50	73.8

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	
1219	10/6/2010 5:31	15.10	50.03	32.79	6.11	8.02	15.0	1.53	74.2
1220	10/6/2010 5:46	15.25	50.04	32.80	6.08	8.01	14.2	1.63	74.1
1221	10/6/2010 6:01	15.23	50.04	32.80	6.08	8.02	16.1	1.72	74.1
1222	10/6/2010 6:16	15.11	49.97	32.75	6.10	8.01	16.1	1.82	74.1
1223	10/6/2010 6:31	14.99	49.89	32.68	6.11	8.00	22.8	1.93	74.0
1224	10/6/2010 6:46	14.87	49.94	32.72	6.14	8.00	23.9	2.02	74.3
1225	10/6/2010 7:01	14.83	49.95	32.73	6.14	8.02	54.4	2.13	74.2
1226	10/6/2010 7:16	14.86	49.97	32.74	6.14	8.02	16.5	2.23	74.2
1227	10/6/2010 7:31	14.87	49.98	32.75	6.15	8.00	26.1	2.35	74.4
1228	10/6/2010 7:46	14.80	50.01	32.77	6.21	8.01	21.5	2.46	75.0
1229	10/6/2010 8:01	14.71	50.02	32.77	6.26	8.01	26.1	2.56	75.5
1230	10/6/2010 8:16	14.58	50.10	32.82	6.29	8.01	48.2	2.65	75.6
1231	10/6/2010 8:31	14.39	50.12	32.83	6.32	8.01	49.6	2.76	75.8
1232	10/6/2010 8:46	14.32	50.08	32.80	6.41	8.03		2.86	76.7
1233	10/6/2010 9:01	14.11	50.08	32.80	6.45	8.01	39.1	2.96	76.8
1234	10/6/2010 9:16	13.80	50.10	32.80	6.50	8.01	38.7	3.08	77.0
1235	10/6/2010 9:31	13.27	50.17	32.83	6.62	8.01	39.0	3.18	77.5
1236	10/6/2010 9:46	12.81	50.24	32.87	6.72	8.00	33.3	3.30	78.0
1237	10/6/2010 10:01	12.64	50.27	32.88	6.74	8.00	34.4	3.39	77.9
1238	10/6/2010 10:16	12.32	50.35	32.93	6.76	7.99	34.8	3.50	77.6
1239	10/6/2010 10:31	11.84	50.42	32.95	6.79	7.98	31.4	3.59	77.2
1240	10/6/2010 10:46	11.30	50.52	33.00	6.72	7.96	25.6	3.66	75.6
1241	10/6/2010 11:01	11.19	50.59	33.04	6.63	7.95	21.8	3.70	74.5
1242	10/6/2010 11:16	11.00	50.61	33.04	6.55	7.94	11.2	3.76	73.2
1243	10/6/2010 11:31	10.96	50.60	33.04	6.46	7.94	5.5	3.79	72.2
1244	10/6/2010 11:46	11.55	50.55	33.03	6.59	7.96	6.8	3.82	74.6
1245	10/6/2010 12:01	11.05	50.65	33.08	6.45	7.94	7.3	3.77	72.3
1246	10/6/2010 12:16	11.19	50.54	33.01	6.52	7.94	12.0	3.73	73.2
1247	10/6/2010 12:31	11.37	50.57	33.03	6.59	7.95	16.1	3.67	74.2
1248	10/6/2010 12:46	12.27	50.40	32.96	6.82	7.99	15.4	3.57	78.3
1249	10/6/2010 13:01	12.05	50.44	32.98	6.81	7.99	11.8	3.45	77.9
1250	10/6/2010 13:16	12.84	50.33	32.93	6.74	7.99	22.3	3.34	78.2
1251	10/6/2010 13:31	13.02	50.31	32.93	6.69	7.99	23.5	3.19	78.0
1252	10/6/2010 13:46	13.28	50.27	32.91	6.67	8.00	27.5	3.07	78.1
1253	10/6/2010 14:01	13.62	50.24	32.90	6.62	8.00	32.5	2.95	78.2
1254	10/6/2010 14:16	13.96	50.21	32.89	6.60	8.00	29.1	2.81	78.4
1255	10/6/2010 14:31	14.47	50.18	32.88	6.53	8.01	23.3	2.66	78.4
1256	10/6/2010 14:46	14.62	50.17	32.88	6.54	8.01	29.8	2.54	78.8
1257	10/6/2010 15:01	14.43	50.19	32.88	6.70	8.02	27.5	2.42	80.4
1258	10/6/2010 15:16	14.28	50.22	32.91	6.86	8.04	24.4	2.27	82.0
1259	10/6/2010 15:31	14.27	50.23	32.91	7.00	8.05	23.7	2.11	83.7
1260	10/6/2010 15:46	14.50	50.20	32.90	6.92	8.05	28.0	2.00	83.1
1261	10/6/2010 16:01	14.66	50.19	32.90	6.93	8.05	35.8	1.86	83.6
1262	10/6/2010 16:16	14.83	50.17	32.88	6.76	8.05	31.5	1.72	81.7
1263	10/6/2010 16:31	14.93	50.16	32.88	6.77	8.05	23.1	1.61	82.0
1264	10/6/2010 16:46	15.05	50.15	32.88	6.66	8.05	19.9	1.51	80.9
1265	10/6/2010 17:01	15.08	50.15	32.88	6.69	8.06	13.9	1.45	81.3
1266	10/6/2010 17:16	15.21	50.16	32.88	6.60	8.05	12.0	1.39	80.4
1267	10/6/2010 17:31	15.16	50.20	32.92	6.78	8.05	9.9	1.35	82.5
1268	10/6/2010 17:46	15.19	50.16	32.89	6.67	8.06	11.8	1.42	81.2
1269	10/6/2010 18:01	15.37	50.16	32.88	6.51	8.03	11.4	1.44	79.6
1270	10/6/2010 18:16	15.41	50.15	32.88	6.49	8.04	13.2	1.52	79.3
1271	10/6/2010 18:31	15.59	50.14	32.88	6.40	8.03	16.5	1.63	78.5

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	
1272	10/6/2010 18:46	15.53	50.15	32.88	6.40	8.02	17.3	1.73	78.4
1273	10/6/2010 19:01	15.52	50.07	32.83	6.46	8.01	21.2	1.83	79.1
1274	10/6/2010 19:16	15.44	50.02	32.78	6.47	8.02	21.5	1.97	79.1
1275	10/6/2010 19:31	15.27	50.08	32.83	6.54	8.03	15.5	2.05	79.7
1276	10/6/2010 19:46	15.20	50.12	32.85	6.53	8.03	14.1	2.15	79.6
1277	10/6/2010 20:01	15.17	50.06	32.81	6.51	8.02	14.6	2.27	79.3
1278	10/6/2010 20:16	14.98	50.10	32.84	6.45	8.02	19.3	2.36	78.2
1279	10/6/2010 20:31	14.91	50.15	32.87	6.41	8.00	18.0	2.46	77.6
1280	10/6/2010 20:46	14.79	50.14	32.86	6.40	8.02	20.1	2.58	77.3
1281	10/6/2010 21:01	14.59	49.93	32.70	6.42	8.01	23.2	2.69	77.1
1282	10/6/2010 21:16	14.45	50.17	32.88	6.42	8.00	25.7	2.77	77.1
1283	10/6/2010 21:31	14.32	50.23	32.91	6.44	8.01	25.1	2.89	77.1
1284	10/6/2010 21:46	14.02	50.22	32.89	6.49	8.01	36.3	2.98	77.3
1285	10/6/2010 22:01	13.61	50.28	32.93	6.53	8.00	34.2	3.07	77.1
1286	10/6/2010 22:16	13.00	50.38	32.97	6.52	7.97	25.8	3.18	76.0
1287	10/6/2010 22:31	12.69	50.42	32.99	6.52	7.97	26.1	3.26	75.5
1288	10/6/2010 22:46	12.46	50.45	33.01	6.53	7.98	24.0	3.34	75.3
1289	10/6/2010 23:01	12.06	50.51	33.03	6.50	7.97	25.4	3.45	74.3
1290	10/6/2010 23:16	11.65	49.58	32.34	6.37	7.94	21.4	3.52	71.9
1291	10/6/2010 23:31	11.30	50.65	33.09	6.20	7.93	13.7	3.59	69.8
1292	10/6/2010 23:46	11.11	50.72	33.13	6.07	7.92	9.8	3.63	68.0
1293	10/7/2010 0:01	11.04	50.71	33.12	5.99	7.92	4.5	3.67	67.1
1294	10/7/2010 0:16	11.59	50.74	33.17	6.11	7.93	4.7	3.68	69.2
1295	10/7/2010 0:31	11.09	50.82	33.20	5.99	7.92	7.3	3.62	67.2
1296	10/7/2010 0:46	11.16	50.70	33.12	6.05	7.93	8.7	3.58	67.9
1297	10/7/2010 1:01	11.53	50.63	33.09	6.20	7.93	13.9	3.52	70.1
1298	10/7/2010 1:16	12.48	50.49	33.03	6.42	7.96	14.4	3.43	74.1
1299	10/7/2010 1:31	12.18	50.53	33.05	6.44	7.95	11.0	3.31	73.8
1300	10/7/2010 1:46	12.84	49.32	32.20	6.48	7.96	54.7	3.18	74.9
1301	10/7/2010 2:01	12.94	50.44	33.01	6.47	7.98	19.8	3.07	75.3
1302	10/7/2010 2:16	13.31	50.39	33.00	6.41	7.96	18.1	2.97	75.2
1303	10/7/2010 2:31	13.73	50.33	32.96	6.32	7.97	17.6	2.81	74.7
1304	10/7/2010 2:46	13.89	50.33	32.97	6.35	7.97	16.6	2.70	75.4
1305	10/7/2010 3:01	14.24	50.29	32.95	6.22	7.97	17.7	2.59	74.3
1306	10/7/2010 3:16	14.27	50.27	32.94	6.29	7.99	15.3	2.46	75.2
1307	10/7/2010 3:31	14.24	50.10	32.81	6.35	7.98	16.4	2.33	75.8
1308	10/7/2010 3:46	14.09	50.32	32.97	6.33	7.97	14.5	2.25	75.5
1309	10/7/2010 4:01	13.98	50.31	32.96	6.34	7.97	15.6	2.12	75.4
1310	10/7/2010 4:16	14.05	50.30	32.96	6.34	7.96	15.2	2.02	75.5
1311	10/7/2010 4:31	14.07	50.31	32.97	6.35	7.96	12.6	1.92	75.6
1312	10/7/2010 4:46	14.14	50.29	32.95	6.35	7.97	11.8	1.80	75.7
1313	10/7/2010 5:01	14.36	50.27	32.94	6.33	7.97	10.4	1.73	75.8
1314	10/7/2010 5:16	14.28	50.28	32.95	6.32	7.96	8.9	1.69	75.7
1315	10/7/2010 5:31	14.50	50.26	32.94	6.28	7.97	8.7	1.62	75.4
1316	10/7/2010 5:46	14.70	50.27	32.95	6.32	7.98	6.0	1.67	76.3
1317	10/7/2010 6:01	14.64	50.30	32.97	6.29	7.97	7.1	1.68	75.8
1318	10/7/2010 6:16	14.67	50.26	32.94	6.35	7.98	7.3	1.71	76.5
1319	10/7/2010 6:31	14.86	50.26	32.95	6.31	7.98	8.5	1.81	76.3
1320	10/7/2010 6:46	14.77	50.31	32.98	6.32	7.99	9.9	1.90	76.4
1321	10/7/2010 7:01	14.69	50.26	32.94	6.33	7.97	10.8	2.02	76.3
1322	10/7/2010 7:16	14.57	50.20	32.90	6.35	7.97	14.0	2.11	76.4
1323	10/7/2010 7:31	14.40	50.23	32.92	6.36	7.97	13.2	2.22	76.2
1324	10/7/2010 7:46	14.34	50.25	32.93	6.36	7.97	11.5	2.33	76.1

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	
1325	10/7/2010 8:01	14.37	50.26	32.94	6.36	7.97	11.5	2.44	76.2
1326	10/7/2010 8:16	14.23	50.27	32.94	6.41	7.97	13.1	2.53	76.6
1327	10/7/2010 8:31	14.15	50.28	32.94	6.43	7.98	15.2	2.64	76.7
1328	10/7/2010 8:46	13.98	50.31	32.96	6.45	7.97	18.7	2.75	76.7
1329	10/7/2010 9:01	13.75	50.34	32.98	6.45	7.96	20.6	2.85	76.3
1330	10/7/2010 9:16	13.60	50.35	32.98	6.47	7.97	20.4	2.94	76.4
1331	10/7/2010 9:31	13.37	50.35	32.97	6.48	7.96	25.2	3.07	76.0
1332	10/7/2010 9:46	12.87	50.41	32.99	6.47	7.95	22.0	3.18	75.2
1333	10/7/2010 10:01	12.47	50.48	33.02	6.43	7.95	21.9	3.30	74.1
1334	10/7/2010 10:16	11.90	50.54	33.05	6.31	7.92	23.2	3.40	71.9
1335	10/7/2010 10:31	11.63	50.59	33.07	6.26	7.93	20.8	3.52	70.9
1336	10/7/2010 10:46	11.55	50.62	33.08	6.22	7.91	19.5	3.63	70.4
1337	10/7/2010 11:01	11.36	50.65	33.10	6.24	7.91	24.0	3.71	70.4
1338	10/7/2010 11:16	11.12	50.69	33.11	6.39	7.91	16.8	3.81	71.6
1339	10/7/2010 11:31	11.05	50.74	33.14	6.50	7.91	13.4	3.89	72.8
	Mean	16.03	50.00	32.78	7.21	8.09	8.8	2.64	89.3
	Minimum	10.96	48.51	31.69	5.79	7.91	1.5	1.35	67.1
	Maximum	18.81	50.82	33.20	10.68	8.26	220.5	3.89	135.5

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	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
0	10/7/2010 11:46	11.08	51.45	33.66	6.44	7.86	6.4	3.92	72.5
1	10/7/2010 12:01	11.01	50.87	33.23	6.58	7.89	2.7	3.97	73.7
2	10/7/2010 12:16	11.41	51.58	33.78	6.58	7.89	3.3	3.98	74.6
3	10/7/2010 12:31	11.28	51.60	33.78	6.65	7.88	3.4	3.97	75.2
4	10/7/2010 12:46	11.23	50.54	33.01	6.77	7.89	3.8	3.94	76.0
5	10/7/2010 13:01	11.22	51.57	33.76	6.82	7.88	5.0	3.86	77.0
6	10/7/2010 13:16	11.58	50.28	32.84	6.95	7.90	11.9	3.76	78.6
7	10/7/2010 13:31	11.84	51.51	33.75	7.03	7.90	7.0	3.64	80.4
8	10/7/2010 13:46	12.30	50.28	32.87	7.04	7.92	8.4	3.52	80.8
9	10/7/2010 14:01	12.62	51.39	33.69	6.93	7.92	9.4	3.38	80.5
10	10/7/2010 14:16	12.60	50.17	32.80	6.93	7.92	12.0	3.24	80.0
11	10/7/2010 14:31	12.98	51.34	33.68	7.02	7.93	12.8	3.10	82.2
12	10/7/2010 14:46	13.30	51.19	33.58	7.12	7.93	14.4	2.95	83.9
13	10/7/2010 15:01	13.69	51.26	33.65	7.28	7.95	12.6	2.81	86.4
14	10/7/2010 15:16	14.16	51.21	33.63	7.40	7.96	12.6	2.67	88.7
15	10/7/2010 15:31	14.37	51.21	33.63	7.53	7.97	13.4	2.51	90.6
16	10/7/2010 15:46	14.33	51.15	33.59	7.63	7.97	15.5	2.37	91.7
17	10/7/2010 16:01	14.43	51.20	33.62	7.68	7.98	12.7	2.21	92.6
18	10/7/2010 16:16	14.65	51.17	33.61	7.36	7.98	15.3	2.06	89.0
19	10/7/2010 16:31	14.80	51.17	33.62	7.56	7.99	14.3	1.92	91.8
20	10/7/2010 16:46	15.08	51.14	33.60	7.69	7.99	15.0	1.75	93.9
21	10/7/2010 17:01	15.21	51.12	33.59	7.70	7.99	15.3	1.61	94.2
22	10/7/2010 17:16	15.20	51.12	33.59	7.70	7.98	15.9	1.48	94.2
23	10/7/2010 17:31	15.42	51.12	33.59	7.73	7.99	27.7	1.35	95.0
24	10/7/2010 17:46	15.47	51.09	33.57	7.76	7.99	26.5	1.26	95.4
25	10/7/2010 18:01	15.67	51.11	33.59	7.76	7.99	25.0	1.19	95.8
26	10/7/2010 18:16	15.75	51.12	33.60	7.76	8.00	16.1	1.17	96.0
27	10/7/2010 18:31	15.69	51.12	33.60	7.84	7.99	14.2	1.20	96.9
28	10/7/2010 18:46	15.82	51.13	33.61	7.91	8.00	10.7	1.27	98.0
29	10/7/2010 19:01	15.85	51.13	33.61	7.86	7.99	14.8	1.34	97.4
30	10/7/2010 19:16	15.91	51.12	33.60	7.89	7.99	13.8	1.44	97.9
31	10/7/2010 19:31	15.87	51.10	33.58	7.83	7.98	13.6	1.55	97.0
32	10/7/2010 19:46	16.02	50.89	33.44	7.77	7.96	18.6	1.64	96.5
33	10/7/2010 20:01	15.84	51.00	33.51	7.79	7.97	17.0	1.76	96.5
34	10/7/2010 20:16	15.66	51.05	33.54	7.75	7.96	10.7	1.86	95.7
35	10/7/2010 20:31	15.63	51.06	33.55	7.73	7.96	9.5	1.97	95.4
36	10/7/2010 20:46	15.62	51.05	33.55	7.73	7.96	9.5	2.08	95.3
37	10/7/2010 21:01	15.43	51.09	33.57	7.67	7.95	10.8	2.18	94.3
38	10/7/2010 21:16	15.28	51.10	33.57	7.61	7.94	10.9	2.30	93.3
39	10/7/2010 21:31	15.15	51.12	33.59	7.57	7.94	10.6	2.42	92.5
40	10/7/2010 21:46	15.03	51.12	33.59	7.53	7.93	15.6	2.53	91.8
41	10/7/2010 22:01	14.75	51.14	33.59	7.48	7.92	18.2	2.63	90.7
42	10/7/2010 22:16	14.62	51.12	33.57	7.46	7.92	18.5	2.74	90.2
43	10/7/2010 22:31	14.47	51.11	33.56	7.42	7.92	18.8	2.84	89.4
44	10/7/2010 22:46	13.99	51.16	33.59	7.34	7.90	25.3	2.94	87.6
45	10/7/2010 23:01	13.63	51.19	33.59	7.35	7.89	22.0	3.04	87.1
46	10/7/2010 23:16	13.05	51.29	33.64	7.43	7.89	18.6	3.13	87.1
47	10/7/2010 23:31	12.85	51.31	33.65	7.46	7.88	17.2	3.23	87.1
48	10/7/2010 23:46	12.53	51.35	33.67	7.51	7.88	13.1	3.31	87.0
49	10/8/2010 0:01	12.34	51.38	33.68	7.55	7.88	12.8	3.39	87.2
50	10/8/2010 0:16	12.19	51.37	33.66	7.62	7.88	11.4	3.47	87.7
51	10/8/2010 0:31	11.89	51.39	33.67	7.63	7.88	9.9	3.53	87.3
52	10/8/2010 0:46	11.83	51.44	33.70	7.65	7.88	4.9	3.56	87.4

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	
53	10/8/2010 1:01	11.67	51.41	33.66	7.67	7.88	2.2	3.60	87.3
54	10/8/2010 1:16	12.20	51.27	33.59	7.48	7.88	2.2	3.60	86.1
55	10/8/2010 1:31	11.78	51.34	33.62	7.66	7.88	4.2	3.56	87.4
56	10/8/2010 1:46	12.11	51.37	33.66	7.56	7.88	11.4	3.50	86.9
57	10/8/2010 2:01	12.56	51.32	33.65	7.40	7.88	13.9	3.42	85.9
58	10/8/2010 2:16	13.21	51.28	33.64	7.21	7.88	8.9	3.32	84.7
59	10/8/2010 2:31	12.75	51.31	33.65	7.36	7.87	8.7	3.20	85.7
60	10/8/2010 2:46	13.32	51.25	33.62	7.28	7.88	10.9	3.09	85.8
61	10/8/2010 3:01	13.56	50.91	33.39	7.24	7.89	9.9	2.97	85.6
62	10/8/2010 3:16	13.93	51.19	33.60	7.17	7.89	8.5	2.85	85.5
63	10/8/2010 3:31	14.20	51.18	33.60	7.14	7.89	8.9	2.74	85.7
64	10/8/2010 3:46	14.25	51.16	33.59	7.12	7.89	8.4	2.63	85.5
65	10/8/2010 4:01	14.40	51.13	33.57	7.12	7.89	9.6	2.52	85.8
66	10/8/2010 4:16	14.51	51.12	33.57	7.00	7.89	8.7	2.41	84.4
67	10/8/2010 4:31	14.53	51.14	33.59	6.97	7.88	7.3	2.29	84.1
68	10/8/2010 4:46	14.47	50.98	33.46	7.09	7.89	9.0	2.19	85.4
69	10/8/2010 5:01	14.33	51.18	33.61	7.05	7.87	8.6	2.08	84.8
70	10/8/2010 5:16	14.39	51.15	33.59	7.10	7.88	7.8	1.98	85.4
71	10/8/2010 5:31	14.42	51.16	33.60	7.13	7.88	6.7	1.91	85.8
72	10/8/2010 5:46	14.53	51.17	33.60	7.06	7.89	5.6	1.83	85.3
73	10/8/2010 6:01	14.58	51.17	33.61	7.10	7.89	4.3	1.79	85.8
74	10/8/2010 6:16	14.92	51.13	33.59	7.14	7.91	3.7	1.77	86.9
75	10/8/2010 6:31	15.00	51.19	33.64	7.19	7.91	3.4	1.79	87.7
76	10/8/2010 6:46	14.87	51.15	33.60	7.26	7.91	3.5	1.81	88.3
77	10/8/2010 7:01	14.84	51.17	33.62	7.28	7.91	3.5	1.86	88.5
78	10/8/2010 7:16	14.94	51.11	33.58	7.27	7.91	5.2	1.94	88.5
79	10/8/2010 7:31	14.85	51.15	33.60	7.27	7.90	5.9	2.03	88.3
80	10/8/2010 7:46	14.77	51.06	33.53	7.23	7.89	9.3	2.14	87.7
81	10/8/2010 8:01	14.67	51.04	33.51	7.19	7.89	10.1	2.25	87.0
82	10/8/2010 8:16	14.55	51.09	33.55	7.15	7.88	7.8	2.35	86.4
83	10/8/2010 8:31	14.53	51.10	33.55	7.19	7.88	6.6	2.45	86.8
84	10/8/2010 8:46	14.38	51.13	33.57	7.17	7.88	8.1	2.55	86.3
85	10/8/2010 9:01	14.14	51.16	33.59	7.15	7.88	7.5	2.66	85.7
86	10/8/2010 9:16	14.06	51.17	33.59	6.90	7.88	9.3	2.76	82.5
87	10/8/2010 9:31	13.89	51.21	33.62	6.81	7.88	11.3	2.86	81.1
88	10/8/2010 9:46	13.61	51.21	33.60	6.78	7.87	13.2	2.96	80.3
89	10/8/2010 10:01	13.45	51.26	33.64	6.92	7.87	14.4	3.07	81.7
90	10/8/2010 10:16	13.15	51.27	33.63	7.10	7.86	16.7	3.18	83.3
91	10/8/2010 10:31	12.48	51.32	33.64	7.29	7.85	15.8	3.29	84.4
92	10/8/2010 10:46	12.05	51.36	33.65	7.41	7.85	15.0	3.40	85.1
93	10/8/2010 11:01	11.79	51.39	33.66	7.18	7.86	15.7	3.52	81.9
94	10/8/2010 11:16	11.61	51.41	33.66	7.50	7.86	12.8	3.62	85.3
95	10/8/2010 11:31	11.55	51.43	33.67	7.63	7.86	11.6	3.72	86.7
96	10/8/2010 11:46	11.45	51.40	33.65	7.73	7.86	10.6	3.82	87.6
97	10/8/2010 12:01	11.40	51.45	33.68	7.79	7.87	9.0	3.90	88.2
98	10/8/2010 12:16	11.35	51.44	33.67	7.90	7.87	4.8	3.97	89.3
99	10/8/2010 12:31	11.34	51.48	33.70	7.95	7.88	3.1	4.03	89.9
100	10/8/2010 12:46	11.30	51.41	33.64	7.97	7.88	1.7	4.06	90.1
101	10/8/2010 13:01	11.67	51.36	33.63	7.84	7.87	3.0	4.06	89.2
102	10/8/2010 13:16	11.29	51.13	33.44	8.02	7.88	2.6	4.03	90.4
103	10/8/2010 13:31	11.75	51.37	33.64	7.80	7.88	4.6	3.99	89.0
104	10/8/2010 13:46	11.54	51.41	33.66	7.94	7.88	8.9	3.91	90.1
105	10/8/2010 14:01	11.82	51.42	33.68	7.94	7.88	5.6	3.80	90.7

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	
106	10/8/2010 14:16	12.14	51.26	33.58	8.05	7.89	6.2	3.68	92.5
107	10/8/2010 14:31	12.53	51.33	33.65	7.97	7.89	8.9	3.54	92.4
108	10/8/2010 14:46	12.52	51.37	33.68	7.82	7.88	12.3	3.40	90.6
109	10/8/2010 15:01	12.60	51.28	33.62	7.88	7.88	9.7	3.25	91.5
110	10/8/2010 15:16	12.93	50.25	32.88	7.92	7.90	9.3	3.12	92.1
111	10/8/2010 15:31	13.32	51.25	33.62	7.89	7.90	8.7	2.97	92.9
112	10/8/2010 15:46	13.62	51.09	33.52	7.85	7.91	11.4	2.81	93.0
113	10/8/2010 16:01	14.14	51.13	33.56	7.91	7.92	11.0	2.67	94.7
114	10/8/2010 16:16	14.34	51.21	33.63	8.00	7.93	12.1	2.51	96.2
115	10/8/2010 16:31	14.22	51.22	33.63	8.10	7.93	12.1	2.34	97.2
116	10/8/2010 16:46	14.37	50.95	33.44	8.15	7.94	12.5	2.17	98.0
117	10/8/2010 17:01	14.57	51.08	33.54	8.11	7.94	15.9	2.02	98.0
118	10/8/2010 17:16	14.65	51.21	33.64	8.05	7.94	14.4	1.87	97.4
119	10/8/2010 17:31	14.93	51.12	33.58	7.87	7.93	19.7	1.70	95.8
120	10/8/2010 17:46	15.04	50.22	32.93	7.81	7.93	21.4	1.54	94.9
121	10/8/2010 18:01	15.14	51.14	33.60	7.72	7.92	22.8	1.40	94.4
122	10/8/2010 18:16	15.31	51.18	33.63	7.69	7.93	26.4	1.27	94.3
123	10/8/2010 18:31	15.49	51.13	33.60	7.69	7.93	24.5	1.16	94.6
124	10/8/2010 18:46	15.67	51.16	33.62	7.69	7.94	18.4	1.07	95.0
125	10/8/2010 19:01	15.50	51.27	33.71	7.60	7.93	15.3	1.03	93.6
126	10/8/2010 19:16	15.58	50.64	33.25	7.67	7.94	12.5	1.05	94.3
127	10/8/2010 19:31	15.73	50.60	33.21	7.76	7.95	8.9	1.13	95.7
128	10/8/2010 19:46	15.76	51.06	33.56	7.78	7.95	8.3	1.24	96.2
129	10/8/2010 20:01	15.95	50.60	33.22	7.96	7.97	9.5	1.33	98.6
130	10/8/2010 20:16	15.91	51.16	33.63	7.89	7.97	9.5	1.45	97.9
131	10/8/2010 20:31	15.92	50.90	33.44	7.77	7.94	11.4	1.54	96.3
132	10/8/2010 20:46	15.92	50.96	33.48	7.75	7.93	11.3	1.64	96.1
133	10/8/2010 21:01	15.71	51.02	33.52	7.82	7.94	12.9	1.74	96.6
134	10/8/2010 21:16	15.57	51.14	33.61	7.80	7.93	9.9	1.84	96.2
135	10/8/2010 21:31	15.52	51.15	33.62	7.63	7.93	9.3	1.95	94.0
136	10/8/2010 21:46	15.37	51.10	33.58	7.77	7.92	10.7	2.06	95.4
137	10/8/2010 22:01	15.20	51.03	33.52	7.69	7.91	12.4	2.17	94.0
138	10/8/2010 22:16	15.12	51.12	33.58	7.65	7.91	10.8	2.29	93.4
139	10/8/2010 22:31	15.06	51.11	33.58	7.66	7.91	11.0	2.41	93.5
140	10/8/2010 22:46	14.97	51.23	33.66	7.41	7.90	15.7	2.53	90.3
141	10/8/2010 23:01	14.74	51.24	33.67	7.34	7.89	15.1	2.63	89.0
142	10/8/2010 23:16	14.59	51.12	33.57	7.02	7.89	15.1	2.74	84.9
143	10/8/2010 23:31	14.39	51.16	33.59	6.66	7.89	20.8	2.84	80.2
144	10/8/2010 23:46	14.01	51.19	33.61	6.64	7.88	19.6	2.93	79.3
145	10/9/2010 0:01	13.58	51.20	33.60	6.93	7.88	17.8	3.03	82.1
146	10/9/2010 0:16	13.19	51.27	33.63	7.17	7.89	12.9	3.12	84.3
147	10/9/2010 0:31	12.95	51.26	33.61	7.36	7.89	12.4	3.21	86.0
148	10/9/2010 0:46	12.81	50.46	33.02	7.43	7.89	12.0	3.29	86.3
149	10/9/2010 1:01	12.63	50.40	32.98	7.64	7.90	9.8	3.37	88.4
150	10/9/2010 1:16	12.40	51.26	33.59	7.62	7.90	8.1	3.44	88.0
151	10/9/2010 1:31	12.34	51.12	33.49	7.68	7.90	4.3	3.49	88.6
152	10/9/2010 1:46	12.27	51.32	33.63	7.67	7.90	3.5	3.53	88.4
153	10/9/2010 2:01	12.65	51.04	33.44	7.53	7.90	2.9	3.55	87.4
154	10/9/2010 2:16	12.49	51.31	33.64	7.58	7.89	4.0	3.53	87.7
155	10/9/2010 2:31	12.17	51.30	33.61	7.74	7.90	3.8	3.48	89.1
156	10/9/2010 2:46	12.77	51.25	33.60	7.52	7.88	6.2	3.43	87.6
157	10/9/2010 3:01	13.24	51.14	33.54	7.38	7.88	11.6	3.34	86.8
158	10/9/2010 3:16	13.39	51.29	33.66	7.28	7.87	12.6	3.24	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	DO%
			mS/cm		mg/L		NTU	meters	
159	10/9/2010 3:31	13.33	50.41	33.01	7.38	7.87	8.3	3.14	86.7
160	10/9/2010 3:46	13.53	51.11	33.53	7.32	7.88	9.2	3.03	86.5
161	10/9/2010 4:01	13.81	51.24	33.64	7.10	7.87	8.0	2.93	84.5
162	10/9/2010 4:16	14.11	51.15	33.58	6.81	7.86	8.2	2.82	81.5
163	10/9/2010 4:31	14.30	50.42	33.05	6.87	7.87	8.2	2.72	82.3
164	10/9/2010 4:46	14.41	51.15	33.59	6.78	7.86	7.7	2.62	81.7
165	10/9/2010 5:01	14.51	51.13	33.58	6.73	7.86	6.6	2.51	81.2
166	10/9/2010 5:16	14.61	51.04	33.51	6.67	7.85	6.5	2.42	80.6
167	10/9/2010 5:31	14.64	50.20	32.90	6.66	7.84	5.8	2.32	80.3
168	10/9/2010 5:46	14.55	51.11	33.57	6.73	7.85	6.2	2.22	81.3
169	10/9/2010 6:01	14.48	51.20	33.63	6.79	7.85	5.7	2.15	81.9
170	10/9/2010 6:16	14.61	50.33	32.99	6.92	7.87	5.2	2.06	83.4
171	10/9/2010 6:31	14.64	51.11	33.57	6.79	7.86	4.6	2.01	82.2
172	10/9/2010 6:46	14.72	51.11	33.56	6.81	7.86	4.2	1.97	82.5
173	10/9/2010 7:01	14.86	51.19	33.63	6.63	7.86	3.8	1.95	80.6
174	10/9/2010 7:16	14.89	51.11	33.58	6.36	7.86	3.5	1.96	77.3
175	10/9/2010 7:31	14.94	51.14	33.60	5.76	7.87	3.2	1.98	70.1
176	10/9/2010 7:46	14.99	51.17	33.62	6.55	7.88	3.1	2.04	79.7
177	10/9/2010 8:01	15.12	51.04	33.52	6.71	7.88	5.3	2.11	81.9
178	10/9/2010 8:16	15.01	51.15	33.60	6.85	7.87	5.2	2.20	83.5
179	10/9/2010 8:31	15.05	51.02	33.51	6.79	7.86	8.7	2.29	82.8
180	10/9/2010 8:46	14.86	51.04	33.52	6.86	7.86	8.8	2.40	83.4
181	10/9/2010 9:01	14.72	51.13	33.58	6.85	7.86	7.1	2.50	83.0
182	10/9/2010 9:16	14.68	51.09	33.55	6.88	7.86	7.0	2.59	83.3
183	10/9/2010 9:31	14.39	51.18	33.61	6.86	7.86	7.6	2.69	82.6
184	10/9/2010 9:46	14.11	51.25	33.65	6.84	7.86	7.3	2.79	81.9
185	10/9/2010 10:01	14.02	50.37	33.01	7.14	7.86	8.8	2.88	85.0
186	10/9/2010 10:16	13.80	51.17	33.58	7.14	7.87	10.4	2.98	84.9
187	10/9/2010 10:31	13.49	51.21	33.60	7.25	7.87	10.7	3.08	85.7
188	10/9/2010 10:46	13.37	51.15	33.55	7.30	7.87	11.4	3.19	86.0
189	10/9/2010 11:01	13.09	50.31	32.93	7.21	7.87	13.1	3.30	84.1
190	10/9/2010 11:16	12.68	51.29	33.63	7.35	7.88	12.0	3.40	85.4
191	10/9/2010 11:31	12.21	50.73	33.20	7.42	7.89	11.2	3.51	85.2
192	10/9/2010 11:46	12.07	51.08	33.44	7.44	7.89	10.4	3.62	85.3
193	10/9/2010 12:01	11.96	51.18	33.52	7.49	7.90	8.2	3.72	85.7
194	10/9/2010 12:16	11.92	51.11	33.46	7.54	7.90	6.9	3.82	86.2
195	10/9/2010 12:31	11.88	51.14	33.48	7.57	7.90	5.2	3.91	86.5
196	10/9/2010 12:46	11.84	51.26	33.57	7.58	7.90	4.1	3.98	86.6
197	10/9/2010 13:01	11.78	51.13	33.47	7.56	7.90	1.8	4.03	86.1
198	10/9/2010 13:16	11.80	51.11	33.46	7.53	7.90	1.2	4.08	85.9
199	10/9/2010 13:31	12.34	51.16	33.52	7.56	7.90	2.3	4.09	87.2
200	10/9/2010 13:46	12.07	51.24	33.56	7.47	7.89	1.7	4.08	85.8
201	10/9/2010 14:01	12.18	51.29	33.60	7.55	7.90	1.8	4.05	86.9
202	10/9/2010 14:16	12.45	50.93	33.36	7.77	7.91	3.1	3.97	89.7
203	10/9/2010 14:31	12.25	51.20	33.54	7.74	7.91	3.9	3.88	89.1
204	10/9/2010 14:46	12.56	50.87	33.31	7.89	7.92	3.5	3.78	91.3
205	10/9/2010 15:01	12.78	51.19	33.56	7.97	7.92	4.0	3.65	92.8
206	10/9/2010 15:16	12.94	50.31	32.92	7.80	7.92	9.5	3.51	90.7
207	10/9/2010 15:31	12.80	51.16	33.54	7.72	7.91	8.5	3.38	89.9
208	10/9/2010 15:46	12.99	50.31	32.92	7.93	7.92	7.3	3.23	92.4
209	10/9/2010 16:01	13.28	51.06	33.48	8.00	7.92	7.5	3.09	94.1
210	10/9/2010 16:16	13.68	51.24	33.63	8.03	7.91	7.8	2.94	95.3
211	10/9/2010 16:31	14.16	51.13	33.57	8.04	7.92	7.9	2.79	96.3

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	
212	10/9/2010 16:46	14.49	51.05	33.52	8.07	7.93	8.2	2.63	97.2
213	10/9/2010 17:01	14.28	51.02	33.49	8.20	7.92	8.3	2.47	98.4
214	10/9/2010 17:16	14.18	51.13	33.57	8.19	7.93	9.3	2.30	98.2
215	10/9/2010 17:31	14.53	51.13	33.57	8.11	7.92	9.5	2.14	97.9
216	10/9/2010 17:46	14.72	51.04	33.51	8.08	7.93	12.2	1.99	97.9
217	10/9/2010 18:01	15.00	50.92	33.44	7.99	7.92	11.4	1.82	97.3
218	10/9/2010 18:16	15.27	51.20	33.65	7.82	7.91	11.8	1.66	95.8
219	10/9/2010 18:31	15.31	50.96	33.47	7.80	7.91	10.3	1.50	95.5
220	10/9/2010 18:46	15.37	51.02	33.52	7.73	7.91	9.7	1.35	94.8
221	10/9/2010 19:01	15.57	50.99	33.50	7.73	7.91	10.9	1.21	95.2
222	10/9/2010 19:16	15.69	50.98	33.50	7.66	7.91	9.7	1.10	94.6
223	10/9/2010 19:31	15.69	50.96	33.48	7.55	7.90	7.5	1.02	93.1
224	10/9/2010 19:46	15.61	51.03	33.53	7.60	7.90	7.8	0.99	93.7
225	10/9/2010 20:01	16.13	50.90	33.44	7.77	7.93	5.1	1.02	96.7
226	10/9/2010 20:16	16.53	50.92	33.47	7.96	7.95	4.4	1.08	99.9
227	10/9/2010 20:31	16.38	50.99	33.52	7.92	7.94	4.8	1.18	99.1
228	10/9/2010 20:46	16.43	51.09	33.59	7.95	7.94	8.7	1.29	99.6
229	10/9/2010 21:01	16.34	50.93	33.47	7.97	7.94	5.3	1.40	99.7
230	10/9/2010 21:16	16.55	50.89	33.44	7.70	7.91	7.8	1.48	96.6
231	10/9/2010 21:31	16.57	50.84	33.40	7.60	7.89	7.6	1.56	95.4
232	10/9/2010 21:46	16.36	50.25	32.97	7.74	7.91	6.9	1.66	96.5
233	10/9/2010 22:01	16.11	51.07	33.57	7.76	7.91	6.5	1.75	96.6
234	10/9/2010 22:16	15.98	50.84	33.40	7.77	7.91	5.9	1.85	96.5
235	10/9/2010 22:31	15.91	50.92	33.45	7.80	7.91	6.3	1.96	96.6
236	10/9/2010 22:46	15.64	50.83	33.38	7.79	7.91	6.8	2.08	96.0
237	10/9/2010 23:01	15.46	50.95	33.47	7.72	7.90	6.5	2.19	94.9
238	10/9/2010 23:16	15.40	51.04	33.53	7.73	7.90	6.6	2.30	94.9
239	10/9/2010 23:31	15.37	50.97	33.48	7.76	7.90	7.0	2.42	95.1
240	10/9/2010 23:46	15.25	50.96	33.47	7.78	7.90	8.5	2.53	95.2
241	10/10/2010 0:01	15.05	51.07	33.54	7.78	7.89	9.0	2.64	94.9
242	10/10/2010 0:16	14.91	51.14	33.59	7.77	7.89	9.0	2.73	94.5
243	10/10/2010 0:31	14.71	51.03	33.51	7.79	7.89	9.8	2.84	94.3
244	10/10/2010 0:46	14.32	51.06	33.52	7.84	7.89	12.9	2.93	94.1
245	10/10/2010 1:01	13.87	51.01	33.47	7.95	7.89	11.9	3.02	94.6
246	10/10/2010 1:16	13.57	51.11	33.53	8.00	7.90	10.4	3.09	94.7
247	10/10/2010 1:31	13.37	50.26	32.90	8.09	7.90	11.0	3.18	94.9
248	10/10/2010 1:46	13.18	51.04	33.46	8.09	7.90	9.9	3.26	94.9
249	10/10/2010 2:01	13.13	51.17	33.56	8.04	7.90	8.5	3.32	94.3
250	10/10/2010 2:16	13.02	51.08	33.49	8.11	7.90	7.0	3.38	94.8
251	10/10/2010 2:31	12.92	50.93	33.38	8.10	7.90	3.7	3.43	94.5
252	10/10/2010 2:46	12.95	51.05	33.46	8.01	7.90	2.0	3.47	93.5
253	10/10/2010 3:01	13.35	51.05	33.48	7.81	7.89	2.9	3.47	92.0
254	10/10/2010 3:16	12.76	51.01	33.43	8.06	7.90	3.3	3.44	93.8
255	10/10/2010 3:31	12.89	50.91	33.36	8.02	7.90	5.8	3.40	93.5
256	10/10/2010 3:46	13.07	51.10	33.51	7.96	7.89	6.0	3.33	93.2
257	10/10/2010 4:01	13.46	51.00	33.45	7.80	7.88	10.0	3.24	92.1
258	10/10/2010 4:16	13.61	50.98	33.44	7.73	7.88	7.6	3.15	91.5
259	10/10/2010 4:31	13.70	51.08	33.52	7.71	7.88	7.9	3.05	91.5
260	10/10/2010 4:46	13.90	50.89	33.38	7.68	7.87	9.1	2.96	91.4
261	10/10/2010 5:01	14.26	50.87	33.38	7.51	7.87	6.7	2.86	90.1
262	10/10/2010 5:16	14.78	50.90	33.41	7.22	7.85	5.7	2.77	87.4
263	10/10/2010 5:31	14.98	51.00	33.49	7.14	7.84	6.3	2.68	86.9
264	10/10/2010 5:46	15.03	51.04	33.53	7.17	7.85	5.1	2.58	87.4

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	
265	10/10/2010 6:01	15.10	51.07	33.55	7.07	7.84	4.9	2.50	86.3
266	10/10/2010 6:16	15.03	50.96	33.46	7.02	7.84	4.7	2.43	85.5
267	10/10/2010 6:31	14.89	51.08	33.55	7.14	7.84	4.5	2.34	86.8
268	10/10/2010 6:46	14.87	51.13	33.58	7.15	7.85	4.5	2.27	86.9
269	10/10/2010 7:01	14.90	50.97	33.47	7.20	7.85	4.3	2.21	87.5
270	10/10/2010 7:16	14.99	51.03	33.52	7.20	7.85	3.8	2.15	87.7
271	10/10/2010 7:31	15.01	50.90	33.42	7.17	7.85	3.1	2.13	87.3
272	10/10/2010 7:46	15.20	51.01	33.51	7.22	7.86	2.8	2.11	88.2
273	10/10/2010 8:01	15.52	50.96	33.48	7.07	7.85	2.1	2.13	87.0
274	10/10/2010 8:16	15.49	50.99	33.50	7.06	7.85	2.3	2.13	86.8
275	10/10/2010 8:31	15.36	51.02	33.52	7.19	7.85	2.7	2.18	88.2
276	10/10/2010 8:46	15.46	51.13	33.60	7.23	7.85	3.4	2.25	88.9
277	10/10/2010 9:01	15.38	51.02	33.52	7.29	7.86	4.4	2.33	89.5
278	10/10/2010 9:16	15.50	50.96	33.48	7.15	7.84	6.9	2.42	87.9
279	10/10/2010 9:31	15.30	51.08	33.56	7.22	7.85	6.8	2.50	88.5
280	10/10/2010 9:46	15.09	51.13	33.59	7.27	7.85	4.8	2.58	88.7
281	10/10/2010 10:01	14.95	51.05	33.53	7.31	7.85	5.1	2.68	88.9
282	10/10/2010 10:16	14.54	50.88	33.40	7.51	7.86	5.2	2.76	90.6
283	10/10/2010 10:31	14.29	51.15	33.59	7.62	7.87	5.7	2.85	91.6
284	10/10/2010 10:46	14.17	51.13	33.57	7.65	7.87	6.3	2.94	91.7
285	10/10/2010 11:01	13.93	51.02	33.48	7.74	7.87	7.1	3.03	92.2
286	10/10/2010 11:16	13.67	51.06	33.50	7.78	7.87	8.9	3.12	92.3
287	10/10/2010 11:31	13.48	51.03	33.47	7.83	7.88	8.7	3.21	92.4
288	10/10/2010 11:46	13.35	51.07	33.49	7.84	7.88	10.1	3.30	92.3
289	10/10/2010 12:01	12.96	51.08	33.48	7.93	7.88	9.6	3.42	92.7
290	10/10/2010 12:16	12.61	51.14	33.51	8.01	7.89	11.2	3.52	93.0
291	10/10/2010 12:31	12.28	50.98	33.38	8.09	7.89	10.1	3.61	93.1
292	10/10/2010 12:46	12.18	51.02	33.41	8.11	7.89	9.0	3.71	93.1
293	10/10/2010 13:01	12.02	51.13	33.48	8.12	7.90	6.0	3.78	93.0
294	10/10/2010 13:16	12.00	51.05	33.42	8.11	7.90	4.0	3.85	92.9
295	10/10/2010 13:31	11.95	51.04	33.41	8.11	7.90	2.6	3.92	92.7
296	10/10/2010 13:46	11.97	51.07	33.43	8.11	7.90	1.5	3.97	92.8
297	10/10/2010 14:01	12.01	50.73	33.19	8.08	7.90	0.8	3.99	92.4
298	10/10/2010 14:16	12.28	51.00	33.40	8.07	7.90	1.2	3.99	92.9
299	10/10/2010 14:31	11.97	51.15	33.49	8.01	7.89	1.1	3.96	91.7
300	10/10/2010 14:46	12.39	50.64	33.14	8.19	7.91	3.8	3.92	94.3
301	10/10/2010 15:01	12.39	50.91	33.34	8.28	7.91	6.9	3.85	95.6
302	10/10/2010 15:16	12.36	51.15	33.51	8.24	7.90	7.5	3.75	95.1
303	10/10/2010 15:31	12.43	51.04	33.44	8.27	7.90	9.0	3.66	95.6
304	10/10/2010 15:46	12.80	50.84	33.31	8.23	7.91	10.1	3.53	95.7
305	10/10/2010 16:01	12.89	51.02	33.44	8.18	7.90	9.6	3.41	95.4
306	10/10/2010 16:16	13.07	50.99	33.43	8.14	7.90	10.2	3.27	95.3
307	10/10/2010 16:31	13.40	51.08	33.50	8.12	7.90	11.7	3.15	95.7
308	10/10/2010 16:46	13.70	50.99	33.44	8.10	7.90	13.4	3.01	96.1
309	10/10/2010 17:01	13.97	50.94	33.42	8.06	7.90	12.9	2.87	96.1
310	10/10/2010 17:16	14.23	50.92	33.41	8.01	7.90	14.4	2.72	96.1
311	10/10/2010 17:31	14.32	51.01	33.48	8.00	7.90	18.1	2.57	96.1
312	10/10/2010 17:46	13.83	50.95	33.42	8.06	7.90	17.9	2.43	95.9
313	10/10/2010 18:01	13.80	50.99	33.45	8.06	7.90	18.4	2.28	95.7
314	10/10/2010 18:16	13.85	50.96	33.43	8.05	7.90	23.6	2.12	95.7
315	10/10/2010 18:31	14.27	50.90	33.40	7.92	7.89	28.3	1.97	95.0
316	10/10/2010 18:46	14.35	50.87	33.38	7.83	7.89	32.3	1.81	94.1
317	10/10/2010 19:01	14.57	50.82	33.35	7.76	7.88	29.1	1.64	93.6

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	
318	10/10/2010 19:16	14.76	50.95	33.45	7.69	7.88	29.5	1.49	93.2
319	10/10/2010 19:31	14.89	51.03	33.52	7.63	7.87	26.1	1.36	92.7
320	10/10/2010 19:46	15.13	51.06	33.54	7.53	7.87	24.2	1.23	92.0
321	10/10/2010 20:01	15.21	51.00	33.50	7.50	7.87	20.2	1.13	91.7
322	10/10/2010 20:16	15.29	50.89	33.42	7.44	7.87	14.2	1.05	91.0
323	10/10/2010 20:31	15.10	50.84	33.38	7.46	7.87	13.0	1.01	91.0
324	10/10/2010 20:46	15.39	50.95	33.47	7.46	7.87	11.8	1.05	91.6
325	10/10/2010 21:01	15.52	51.15	33.62	7.50	7.88	11.9	1.11	92.4
326	10/10/2010 21:16	15.86	50.99	33.51	7.45	7.88	12.1	1.18	92.2
327	10/10/2010 21:31	16.01	51.07	33.57	7.45	7.88	13.2	1.29	92.6
328	10/10/2010 21:46	16.07	51.02	33.54	7.45	7.89	14.3	1.38	92.6
329	10/10/2010 22:01	16.00	50.35	33.04	7.46	7.89	13.7	1.46	92.4
330	10/10/2010 22:16	16.10	50.89	33.44	7.34	7.86	11.7	1.54	91.4
331	10/10/2010 22:31	15.99	50.93	33.46	7.35	7.86	12.5	1.63	91.3
332	10/10/2010 22:46	15.90	50.80	33.37	7.41	7.87	15.0	1.71	91.8
333	10/10/2010 23:01	15.66	50.89	33.43	7.45	7.87	12.3	1.80	91.8
334	10/10/2010 23:16	15.54	50.90	33.43	7.47	7.87	10.5	1.89	91.9
335	10/10/2010 23:31	15.51	51.01	33.51	7.47	7.87	11.2	2.01	92.0
336	10/10/2010 23:46	15.41	50.92	33.44	7.48	7.87	13.5	2.11	91.9
337	10/11/2010 0:01	15.32	50.99	33.50	7.54	7.87	15.5	2.22	92.4
338	10/11/2010 0:16	15.23	50.99	33.49	7.57	7.87	15.9	2.33	92.6
339	10/11/2010 0:31	15.15	50.96	33.47	7.63	7.88	17.5	2.44	93.2
340	10/11/2010 0:46	15.07	50.25	32.95	7.65	7.88	19.3	2.54	93.0
341	10/11/2010 1:01	14.92	50.88	33.41	7.68	7.88	21.8	2.65	93.3
342	10/11/2010 1:16	14.76	50.84	33.37	7.71	7.88	22.2	2.74	93.4
343	10/11/2010 1:31	14.62	50.89	33.41	7.71	7.88	23.8	2.82	93.1
344	10/11/2010 1:46	14.31	50.81	33.34	7.76	7.88	31.6	2.90	93.1
345	10/11/2010 2:01	14.02	50.92	33.41	7.83	7.88	24.4	2.99	93.5
346	10/11/2010 2:16	13.57	50.80	33.30	7.97	7.89	20.6	3.05	94.2
347	10/11/2010 2:31	13.43	50.85	33.34	8.01	7.89	15.6	3.13	94.3
348	10/11/2010 2:46	13.28	50.86	33.34	8.03	7.89	14.0	3.18	94.4
349	10/11/2010 3:01	13.18	50.69	33.21	8.03	7.89	9.2	3.23	94.1
350	10/11/2010 3:16	13.10	50.89	33.35	8.03	7.89	5.2	3.28	94.0
351	10/11/2010 3:31	13.10	50.82	33.30	8.03	7.89	3.6	3.32	93.9
352	10/11/2010 3:46	13.41	50.77	33.28	7.80	7.87	4.9	3.33	91.9
353	10/11/2010 4:01	13.20	50.90	33.36	7.91	7.88	4.2	3.32	92.8
354	10/11/2010 4:16	13.05	51.01	33.44	7.99	7.88	5.9	3.29	93.5
355	10/11/2010 4:31	13.36	50.83	33.32	7.73	7.86	9.1	3.23	90.9
356	10/11/2010 4:46	13.39	50.74	33.25	7.84	7.88	11.1	3.16	92.3
357	10/11/2010 5:01	13.30	50.88	33.36	7.86	7.87	11.8	3.09	92.4
358	10/11/2010 5:16	13.23	50.98	33.42	7.88	7.87	10.2	3.00	92.5
359	10/11/2010 5:31	13.33	50.96	33.41	7.84	7.87	11.7	2.92	92.3
360	10/11/2010 5:46	13.49	50.99	33.44	7.73	7.87	11.2	2.83	91.3
361	10/11/2010 6:01	13.68	51.08	33.52	7.61	7.86	10.2	2.75	90.2
362	10/11/2010 6:16	13.90	50.93	33.41	7.46	7.85	8.9	2.67	88.8
363	10/11/2010 6:31	14.07	50.93	33.42	7.35	7.84	8.1	2.61	87.8
364	10/11/2010 6:46	14.20	51.05	33.51	7.31	7.84	8.1	2.53	87.6
365	10/11/2010 7:01	14.13	50.88	33.38	7.31	7.84	7.3	2.46	87.5
366	10/11/2010 7:16	14.21	51.02	33.49	7.35	7.85	8.8	2.39	88.1
367	10/11/2010 7:31	14.30	51.01	33.48	7.28	7.84	8.6	2.33	87.4
368	10/11/2010 7:46	14.20	51.03	33.49	7.35	7.85	6.7	2.29	88.0
369	10/11/2010 8:01	14.39	51.00	33.47	7.29	7.84	5.7	2.25	87.6
370	10/11/2010 8:16	14.63	51.01	33.49	7.27	7.85	5.3	2.21	87.8

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	
371	10/11/2010 8:31	14.69	51.07	33.54	7.25	7.85	4.5	2.22	87.8
372	10/11/2010 8:46	14.73	51.15	33.60	7.25	7.84	4.5	2.22	87.9
373	10/11/2010 9:01	14.81	51.04	33.52	7.31	7.85	4.3	2.23	88.8
374	10/11/2010 9:16	14.75	50.92	33.43	7.34	7.85	4.3	2.25	88.9
375	10/11/2010 9:31	14.82	50.92	33.43	7.36	7.85	5.0	2.30	89.2
376	10/11/2010 9:46	14.79	51.03	33.51	7.42	7.85	6.7	2.38	90.0
377	10/11/2010 10:01	14.73	51.04	33.51	7.42	7.85	7.3	2.45	89.9
378	10/11/2010 10:16	14.69	51.05	33.53	7.37	7.85	8.8	2.51	89.2
379	10/11/2010 10:31	14.57	50.13	32.85	7.48	7.85	8.6	2.60	89.9
380	10/11/2010 10:46	14.46	50.92	33.42	7.51	7.85	7.3	2.68	90.4
381	10/11/2010 11:01	14.36	50.33	32.99	7.50	7.85	9.6	2.75	89.9
382	10/11/2010 11:16	14.02	50.95	33.43	7.67	7.86	11.7	2.83	91.6
383	10/11/2010 11:31	13.85	50.83	33.34	7.81	7.87	10.2	2.91	92.8
384	10/11/2010 11:46	13.76	50.89	33.38	7.84	7.87	10.6	3.00	93.1
385	10/11/2010 12:01	13.57	50.80	33.30	7.92	7.88	11.7	3.08	93.6
386	10/11/2010 12:16	13.32	51.02	33.45	8.01	7.88	12.0	3.15	94.3
387	10/11/2010 12:31	13.13	51.04	33.47	8.05	7.88	13.6	3.24	94.4
388	10/11/2010 12:46	13.01	50.14	32.80	8.10	7.88	12.6	3.34	94.3
389	10/11/2010 13:01	12.76	51.09	33.49	8.15	7.89	22.6	3.42	94.8
390	10/11/2010 13:16	12.57	50.42	32.99	8.26	7.90	11.0	3.50	95.4
391	10/11/2010 13:31	12.37	50.76	33.22	8.32	7.90	10.7	3.58	95.9
392	10/11/2010 13:46	12.27	50.87	33.30	8.35	7.90	9.3	3.63	96.0
393	10/11/2010 14:01	12.20	50.92	33.33	8.37	7.90	7.1	3.69	96.1
394	10/11/2010 14:16	12.17	50.98	33.38	8.37	7.90	2.9	3.74	96.1
395	10/11/2010 14:31	12.16	50.92	33.34	8.33	7.90	2.5	3.77	95.6
396	10/11/2010 14:46	12.60	50.98	33.40	8.31	7.91	4.2	3.77	96.4
397	10/11/2010 15:01	12.15	50.92	33.33	8.25	7.89	2.0	3.78	94.7
398	10/11/2010 15:16	12.14	50.89	33.31	8.29	7.89	3.7	3.76	95.1
399	10/11/2010 15:31	12.57	50.84	33.29	8.44	7.91	13.9	3.72	97.7
400	10/11/2010 15:46	12.42	50.99	33.40	8.53	7.91	15.7	3.64	98.5
401	10/11/2010 16:01	12.40	51.00	33.40	8.45	7.91	18.4	3.55	97.6
402	10/11/2010 16:16	12.40	50.98	33.39	8.44	7.91	19.5	3.47	97.4
403	10/11/2010 16:31	12.48	50.92	33.35	8.39	7.90	25.8	3.37	96.9
404	10/11/2010 16:46	12.66	50.96	33.39	8.28	7.90	29.9	3.26	96.1
405	10/11/2010 17:01	12.88	50.94	33.38	8.18	7.90	35.6	3.13	95.3
406	10/11/2010 17:16	13.07	50.79	33.28	8.22	7.90	32.4	3.03	96.2
407	10/11/2010 17:31	13.20	50.91	33.37	8.18	7.90	38.8	2.90	96.0
408	10/11/2010 17:46	13.51	51.05	33.48	8.16	7.90	44.7	2.78	96.4
409	10/11/2010 18:01	13.54	50.08	32.78	8.11	7.91	45.1	2.65	95.5
410	10/11/2010 18:16	13.89	50.79	33.31	8.00	7.90	34.9	2.52	95.1
411	10/11/2010 18:31	13.86	50.82	33.33	7.98	7.89	36.3	2.39	94.9
412	10/11/2010 18:46	13.94	50.88	33.37	7.92	7.88	27.8	2.26	94.4
413	10/11/2010 19:01	14.15	50.94	33.43	7.85	7.88	30.0	2.10	94.0
414	10/11/2010 19:16	14.33	51.00	33.47	7.81	7.88	27.0	1.96	93.8
415	10/11/2010 19:31	14.50	50.97	33.46	7.80	7.88	22.4	1.82	94.0
416	10/11/2010 19:46	14.46	51.01	33.49	7.75	7.87	19.8	1.68	93.3
417	10/11/2010 20:01	14.64	51.02	33.50	7.71	7.87	17.4	1.56	93.2
418	10/11/2010 20:16	15.00	50.91	33.43	7.65	7.87	17.6	1.43	93.1
419	10/11/2010 20:31	15.06	51.01	33.50	7.63	7.87	16.5	1.32	93.0
420	10/11/2010 20:46	15.23	50.97	33.48	7.61	7.87	12.5	1.23	93.0
421	10/11/2010 21:01	15.27	51.09	33.57	7.55	7.87	9.6	1.17	92.5
422	10/11/2010 21:16	15.44	51.16	33.62	7.55	7.88	8.9	1.12	92.9
423	10/11/2010 21:31	15.23	50.74	33.31	7.55	7.87	8.2	1.13	92.3

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	
424	10/11/2010 21:46	15.87	50.21	32.94	7.73	7.91	9.0	1.15	95.4
425	10/11/2010 22:01	15.78	50.24	32.96	7.75	7.90	8.9	1.22	95.5
426	10/11/2010 22:16	15.67	51.12	33.60	7.68	7.89	8.6	1.29	94.8
427	10/11/2010 22:31	15.82	51.08	33.57	7.73	7.90	9.9	1.37	95.7
428	10/11/2010 22:46	15.76	51.11	33.59	7.69	7.90	9.3	1.43	95.1
429	10/11/2010 23:01	15.77	50.99	33.50	7.63	7.88	9.1	1.51	94.4
430	10/11/2010 23:16	15.80	50.91	33.44	7.60	7.87	10.1	1.60	94.0
431	10/11/2010 23:31	15.79	50.82	33.38	7.59	7.87	9.6	1.66	93.8
432	10/11/2010 23:46	15.64	50.78	33.35	7.65	7.88	11.1	1.76	94.3
433	10/12/2010 0:01	15.49	50.55	33.18	7.63	7.88	9.7	1.83	93.7
434	10/12/2010 0:16	15.42	50.87	33.41	7.62	7.87	8.9	1.94	93.5
435	10/12/2010 0:31	15.35	50.98	33.49	7.63	7.87	10.5	2.03	93.6
436	10/12/2010 0:46	15.16	50.96	33.47	7.64	7.87	11.1	2.13	93.3
437	10/12/2010 1:01	15.05	50.45	33.09	7.70	7.88	10.7	2.23	93.6
438	10/12/2010 1:16	14.96	51.07	33.55	7.73	7.88	9.5	2.33	94.1
439	10/12/2010 1:31	14.87	50.95	33.45	7.76	7.88	9.4	2.41	94.2
440	10/12/2010 1:46	14.77	50.86	33.39	7.76	7.88	9.8	2.50	94.0
441	10/12/2010 2:01	14.65	50.38	33.03	7.80	7.89	11.3	2.58	94.1
442	10/12/2010 2:16	14.49	51.14	33.58	7.78	7.88	12.8	2.66	93.9
443	10/12/2010 2:31	14.39	50.08	32.80	7.83	7.88	12.1	2.74	93.8
444	10/12/2010 2:46	14.23	50.91	33.41	7.83	7.88	13.7	2.80	93.8
445	10/12/2010 3:01	13.99	50.77	33.29	7.90	7.88	13.9	2.87	94.2
446	10/12/2010 3:16	13.76	50.91	33.39	7.99	7.88	14.5	2.93	94.8
447	10/12/2010 3:31	13.48	50.78	33.29	8.10	7.89	13.4	2.99	95.5
448	10/12/2010 3:46	13.30	50.83	33.31	8.13	7.89	9.2	3.06	95.6
449	10/12/2010 4:01	13.21	51.00	33.44	8.15	7.90	7.9	3.09	95.7
450	10/12/2010 4:16	13.16	50.98	33.42	8.14	7.90	5.2	3.12	95.5
451	10/12/2010 4:31	13.15	50.89	33.36	8.10	7.90	3.5	3.14	95.0
452	10/12/2010 4:46	13.33	50.81	33.30	7.97	7.88	4.2	3.15	93.8
453	10/12/2010 5:01	13.31	50.94	33.40	8.00	7.89	4.1	3.14	94.1
454	10/12/2010 5:16	13.28	50.87	33.35	8.04	7.89	4.7	3.11	94.5
455	10/12/2010 5:31	13.48	51.05	33.48	7.49	7.85	7.5	3.07	88.4
456	10/12/2010 5:46	13.56	51.00	33.45	7.42	7.85	7.7	3.00	87.7
457	10/12/2010 6:01	13.69	50.91	33.39	7.29	7.84	7.4	2.94	86.4
458	10/12/2010 6:16	13.75	50.92	33.40	7.47	7.85	7.3	2.88	88.6
459	10/12/2010 6:31	13.78	50.91	33.39	7.43	7.85	6.5	2.81	88.2
460	10/12/2010 6:46	13.78	50.97	33.44	7.43	7.84	5.4	2.74	88.2
461	10/12/2010 7:01	13.92	50.94	33.42	7.40	7.85	5.6	2.67	88.2
462	10/12/2010 7:16	13.87	50.88	33.37	7.38	7.85	5.2	2.62	87.8
463	10/12/2010 7:31	14.02	50.97	33.44	7.33	7.84	5.5	2.56	87.5
464	10/12/2010 7:46	14.13	50.84	33.35	7.32	7.85	7.8	2.50	87.6
465	10/12/2010 8:01	14.16	50.91	33.40	7.30	7.84	5.4	2.45	87.3
466	10/12/2010 8:16	14.20	50.88	33.39	7.34	7.85	4.8	2.42	87.9
467	10/12/2010 8:31	14.29	50.92	33.42	7.30	7.85	4.1	2.36	87.6
468	10/12/2010 8:46	14.25	50.93	33.42	7.39	7.85	3.5	2.34	88.6
469	10/12/2010 9:01	14.36	50.82	33.34	7.36	7.85	2.7	2.32	88.4
470	10/12/2010 9:16	14.49	50.17	32.87	7.41	7.86	3.6	2.31	89.0
471	10/12/2010 9:31	14.47	50.11	32.83	7.45	7.86	3.7	2.33	89.4
472	10/12/2010 9:46	14.49	51.00	33.48	7.42	7.86	3.0	2.33	89.4
473	10/12/2010 10:01	14.51	50.95	33.44	7.46	7.86	3.2	2.35	89.9
474	10/12/2010 10:16	14.54	50.92	33.42	7.49	7.86	4.1	2.40	90.3
475	10/12/2010 10:31	14.53	51.02	33.50	7.46	7.86	4.7	2.45	90.0
476	10/12/2010 10:46	14.49	51.01	33.48	7.45	7.86	5.6	2.51	89.8

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	
477	10/12/2010 11:01	14.42	51.04	33.51	7.47	7.86	5.9	2.57	90.0
478	10/12/2010 11:16	14.31	50.88	33.38	7.50	7.86	6.0	2.62	90.0
479	10/12/2010 11:31	14.19	50.97	33.45	7.54	7.85	5.3	2.69	90.3
480	10/12/2010 11:46	14.07	51.03	33.49	7.57	7.85	5.5	2.75	90.4
481	10/12/2010 12:01	13.83	50.94	33.41	7.67	7.86	5.8	2.83	91.1
482	10/12/2010 12:16	13.67	51.05	33.49	7.83	7.87	6.0	2.90	92.9
483	10/12/2010 12:31	13.53	50.78	33.29	8.01	7.88	5.6	2.97	94.6
484	10/12/2010 12:46	13.48	50.87	33.35	8.07	7.89	5.9	3.04	95.2
485	10/12/2010 13:01	13.40	50.91	33.38	8.18	7.89	6.1	3.11	96.3
486	10/12/2010 13:16	13.21	51.04	33.47	8.28	7.89	8.0	3.18	97.2
487	10/12/2010 13:31	12.97	51.08	33.49	8.36	7.89	7.3	3.24	97.7
488	10/12/2010 13:46	12.82	50.81	33.28	8.39	7.90	6.2	3.32	97.6
489	10/12/2010 14:01	12.73	51.10	33.49	8.39	7.90	6.7	3.39	97.6
490	10/12/2010 14:16	12.56	51.03	33.43	8.39	7.90	6.7	3.45	97.2
491	10/12/2010 14:31	12.32	51.07	33.45	8.44	7.89	5.4	3.51	97.3
492	10/12/2010 14:46	12.28	51.01	33.41	8.41	7.89	3.7	3.55	96.9
493	10/12/2010 15:01	12.11	50.95	33.35	8.39	7.89	2.0	3.58	96.3
494	10/12/2010 15:16	12.08	51.04	33.42	8.32	7.89	1.7	3.60	95.4
495	10/12/2010 15:31	12.39	50.81	33.26	8.36	7.90	1.7	3.63	96.4
496	10/12/2010 15:46	12.36	50.99	33.39	8.28	7.89	2.4	3.61	95.5
497	10/12/2010 16:01	12.11	50.94	33.34	8.29	7.88	1.9	3.60	95.1
498	10/12/2010 16:16	12.13	51.05	33.43	8.28	7.88	2.5	3.56	95.1
499	10/12/2010 16:31	12.26	51.01	33.40	8.28	7.89	4.0	3.50	95.3
500	10/12/2010 16:46	13.21	50.97	33.42	8.57	7.92	4.6	3.42	100.6
501	10/12/2010 17:01	13.24	50.89	33.36	8.61	7.92	5.9	3.33	101.1
502	10/12/2010 17:16	13.49	50.07	32.77	8.66	7.93	3.8	3.24	101.9
503	10/12/2010 17:31	13.66	51.01	33.46	8.57	7.93	7.5	3.15	101.6
504	10/12/2010 17:46	13.86	50.97	33.44	8.57	7.93	7.6	3.05	102.0
505	10/12/2010 18:01	14.00	50.09	32.80	8.58	7.93	6.5	2.95	102.0
506	10/12/2010 18:16	14.35	50.98	33.46	8.56	7.94	8.3	2.84	102.8
507	10/12/2010 18:31	14.70	50.83	33.36	8.66	7.95	7.4	2.74	104.8
508	10/12/2010 18:46	14.69	50.82	33.36	8.72	7.95	8.8	2.64	105.4
509	10/12/2010 19:01	14.81	50.93	33.44	8.75	7.96	8.5	2.52	106.1
510	10/12/2010 19:16	14.67	50.66	33.23	8.68	7.95	8.4	2.41	104.9
511	10/12/2010 19:31	14.45	50.48	33.10	8.54	7.94	6.3	2.28	102.6
512	10/12/2010 19:46	14.17	51.03	33.49	8.40	7.93	6.3	2.17	100.7
513	10/12/2010 20:01	14.39	50.90	33.40	8.23	7.92	7.4	2.04	98.9
514	10/12/2010 20:16	14.34	50.91	33.41	8.16	7.91	7.2	1.91	98.0
515	10/12/2010 20:31	14.43	50.93	33.43	8.05	7.91	6.3	1.80	96.9
516	10/12/2010 20:46	14.62	50.37	33.03	8.05	7.91	6.8	1.68	97.1
517	10/12/2010 21:01	14.78	51.01	33.50	7.94	7.90	7.3	1.57	96.3
518	10/12/2010 21:16	14.88	51.02	33.50	7.95	7.90	6.2	1.49	96.6
519	10/12/2010 21:31	15.13	50.42	33.07	8.06	7.91	6.3	1.41	98.1
520	10/12/2010 21:46	15.10	50.33	33.01	8.01	7.91	5.5	1.35	97.5
521	10/12/2010 22:01	15.23	50.81	33.36	7.98	7.92	4.2	1.31	97.6
522	10/12/2010 22:16	15.29	50.42	33.08	8.10	7.92	3.8	1.29	99.0
523	10/12/2010 22:31	15.13	50.11	32.85	8.02	7.91	4.0	1.31	97.5
524	10/12/2010 22:46	15.39	50.72	33.30	8.29	7.95	3.0	1.33	101.7
525	10/12/2010 23:01	15.33	50.20	32.92	8.31	7.94	2.8	1.38	101.5
526	10/12/2010 23:16	15.47	51.04	33.53	8.43	7.96	3.1	1.45	103.6
527	10/12/2010 23:31	15.43	50.51	33.15	8.43	7.95	3.4	1.51	103.4
528	10/12/2010 23:46	15.36	50.82	33.37	8.35	7.95	3.3	1.58	102.4
529	10/13/2010 0:01	15.48	50.16	32.89	8.19	7.92	4.9	1.65	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	
530	10/13/2010 0:16	15.47	50.75	33.32	8.11	7.91	5.6	1.72	99.6
531	10/13/2010 0:31	15.41	50.74	33.31	8.20	7.92	4.7	1.78	100.5
532	10/13/2010 0:46	15.28	50.91	33.44	8.15	7.92	4.5	1.85	99.8
533	10/13/2010 1:01	15.20	50.97	33.48	8.10	7.92	4.3	1.94	99.1
534	10/13/2010 1:16	15.16	50.96	33.47	8.13	7.91	5.1	2.02	99.3
535	10/13/2010 1:31	15.11	50.62	33.22	8.15	7.91	4.2	2.11	99.3
536	10/13/2010 1:46	14.98	50.89	33.41	8.12	7.91	4.2	2.19	98.8
537	10/13/2010 2:01	14.87	50.94	33.45	8.07	7.91	4.0	2.28	98.0
538	10/13/2010 2:16	14.80	50.86	33.39	8.07	7.91	4.0	2.36	97.8
539	10/13/2010 2:31	14.79	50.93	33.43	8.07	7.91	4.0	2.45	97.8
540	10/13/2010 2:46	14.71	50.90	33.41	8.06	7.90	4.2	2.52	97.5
541	10/13/2010 3:01	14.56	49.99	32.74	8.09	7.90	4.5	2.60	97.2
542	10/13/2010 3:16	14.43	50.93	33.43	8.07	7.90	3.9	2.67	97.2
543	10/13/2010 3:31	14.35	50.88	33.39	8.07	7.90	4.8	2.73	96.9
544	10/13/2010 3:46	14.27	50.97	33.45	8.08	7.90	4.1	2.80	96.9
545	10/13/2010 4:01	14.17	50.97	33.45	8.07	7.90	4.4	2.86	96.6
546	10/13/2010 4:16	13.84	51.09	33.53	8.13	7.89	5.6	2.92	96.8
547	10/13/2010 4:31	13.68	50.99	33.45	8.15	7.90	4.8	2.97	96.6
548	10/13/2010 4:46	13.55	50.97	33.43	8.16	7.90	4.3	3.01	96.4
549	10/13/2010 5:01	13.25	50.78	33.28	8.21	7.89	2.6	3.06	96.4
550	10/13/2010 5:16	13.20	50.19	32.84	8.19	7.89	2.6	3.10	95.8
551	10/13/2010 5:31	13.06	50.98	33.42	8.17	7.89	2.1	3.12	95.6
552	10/13/2010 5:46	13.31	51.05	33.48	8.05	7.89	2.1	3.13	94.7
553	10/13/2010 6:01	13.01	50.81	33.29	8.08	7.88	1.6	3.13	94.4
554	10/13/2010 6:16	13.06	50.93	33.38	8.08	7.88	2.1	3.11	94.5
555	10/13/2010 6:31	13.10	50.98	33.42	8.05	7.88	2.1	3.08	94.2
556	10/13/2010 6:46	13.50	50.86	33.35	7.88	7.88	2.9	3.03	93.0
557	10/13/2010 7:01	13.70	50.83	33.33	7.56	7.85	4.5	2.97	89.6
558	10/13/2010 7:16	13.84	50.67	33.22	7.41	7.85	4.0	2.91	88.0
559	10/13/2010 7:31	13.87	50.91	33.39	7.49	7.86	3.8	2.85	89.1
560	10/13/2010 7:46	13.91	51.00	33.46	7.62	7.86	4.0	2.78	90.8
561	10/13/2010 8:01	13.84	50.91	33.40	7.56	7.86	3.8	2.73	89.9
562	10/13/2010 8:16	13.94	50.97	33.44	7.55	7.86	2.3	2.69	90.0
563	10/13/2010 8:31	14.09	50.97	33.45	7.53	7.86	2.0	2.63	90.0
564	10/13/2010 8:46	14.14	50.96	33.44	7.54	7.86	1.9	2.59	90.2
565	10/13/2010 9:01	14.14	50.82	33.34	7.61	7.87	1.9	2.55	91.0
566	10/13/2010 9:16	14.25	51.00	33.47	7.60	7.87	1.6	2.53	91.2
567	10/13/2010 9:31	14.30	50.90	33.40	7.59	7.87	1.3	2.49	91.1
568	10/13/2010 9:46	14.37	50.83	33.35	7.75	7.88	1.4	2.48	93.1
569	10/13/2010 10:01	14.43	50.90	33.41	7.71	7.89	1.0	2.47	92.8
570	10/13/2010 10:16	14.52	50.92	33.42	7.76	7.89	0.9	2.46	93.6
571	10/13/2010 10:31	14.49	50.95	33.44	7.81	7.89	1.3	2.46	94.1
572	10/13/2010 10:46	14.56	51.02	33.50	7.80	7.89	1.2	2.46	94.2
573	10/13/2010 11:01	14.53	50.77	33.31	7.81	7.88	1.7	2.49	94.1
574	10/13/2010 11:16	14.53	51.01	33.49	7.75	7.88	1.5	2.52	93.5
575	10/13/2010 11:31	14.49	51.07	33.53	7.75	7.88	2.3	2.56	93.4
576	10/13/2010 11:46	14.47	50.96	33.45	7.74	7.88	2.2	2.60	93.2
577	10/13/2010 12:01	14.33	50.89	33.40	7.75	7.88	1.5	2.65	93.1
578	10/13/2010 12:16	14.48	50.98	33.47	7.84	7.88	1.9	2.71	94.4
579	10/13/2010 12:31	14.43	50.80	33.33	7.88	7.89	1.8	2.76	94.8
580	10/13/2010 12:46	14.34	50.97	33.46	7.91	7.88	1.5	2.81	95.0
581	10/13/2010 13:01	14.17	50.06	32.78	7.91	7.88	1.7	2.87	94.3
582	10/13/2010 13:16	13.83	51.02	33.48	7.91	7.88	1.8	2.93	94.1

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	
583	10/13/2010 13:31	13.48	50.06	32.76	8.16	7.89	1.9	2.99	95.9
584	10/13/2010 13:46	13.29	50.17	32.84	8.23	7.89	1.7	3.03	96.5
585	10/13/2010 14:01	13.22	50.96	33.41	8.25	7.89	1.3	3.10	96.8
586	10/13/2010 14:16	13.16	50.89	33.35	8.26	7.90	1.2	3.16	96.8
587	10/13/2010 14:31	13.07	51.05	33.47	8.28	7.90	1.2	3.22	97.0
588	10/13/2010 14:46	12.92	51.02	33.44	8.30	7.90	1.4	3.27	96.9
589	10/13/2010 15:01	12.75	50.12	32.77	8.33	7.90	0.9	3.33	96.4
590	10/13/2010 15:16	12.68	51.13	33.51	8.25	7.90	1.2	3.36	95.8
591	10/13/2010 15:31	12.56	51.07	33.46	8.26	7.90	0.9	3.41	95.7
592	10/13/2010 15:46	12.49	51.12	33.49	8.22	7.89	0.5	3.43	95.1
593	10/13/2010 16:01	12.48	51.19	33.55	8.20	7.89	0.4	3.46	94.9
594	10/13/2010 16:16	12.69	50.94	33.38	8.21	7.89	0.6	3.48	95.4
595	10/13/2010 16:31	12.56	51.23	33.58	8.07	7.88	0.0	3.48	93.6
596	10/13/2010 16:46	12.56	51.08	33.47	8.09	7.88	0.2	3.46	93.7
597	10/13/2010 17:01	12.56	51.13	33.50	8.14	7.89	0.3	3.44	94.3
598	10/13/2010 17:16	12.62	50.10	32.75	8.24	7.88	1.1	3.40	95.1
599	10/13/2010 17:31	12.86	51.07	33.47	8.21	7.89	2.8	3.34	95.7
600	10/13/2010 17:46	13.39	50.93	33.40	8.42	7.91	4.8	3.27	99.2
601	10/13/2010 18:01	14.03	50.89	33.39	8.72	7.95	6.5	3.19	104.1
602	10/13/2010 18:16	14.19	51.13	33.56	8.72	7.94	8.4	3.12	104.5
603	10/13/2010 18:31	14.23	50.67	33.23	8.69	7.94	2.3	3.04	104.0
604	10/13/2010 18:46	14.31	50.90	33.40	8.76	7.95	2.2	2.95	105.1
605	10/13/2010 19:01	14.53	50.72	33.28	8.87	7.95	2.7	2.86	106.9
606	10/13/2010 19:16	14.81	50.83	33.37	8.87	7.96	3.2	2.78	107.5
607	10/13/2010 19:31	15.06	50.84	33.38	8.92	7.97	3.7	2.68	108.6
608	10/13/2010 19:46	15.16	50.49	33.12	9.00	7.98	3.5	2.59	109.7
609	10/13/2010 20:01	15.15	50.86	33.40	9.06	7.99	2.7	2.49	110.6
610	10/13/2010 20:16	14.91	51.01	33.50	8.94	7.97	3.3	2.40	108.6
611	10/13/2010 20:31	14.89	50.73	33.30	8.82	7.96	4.2	2.29	107.0
612	10/13/2010 20:46	14.87	50.83	33.37	8.68	7.95	5.0	2.19	105.3
613	10/13/2010 21:01	14.82	50.93	33.44	8.55	7.95	4.8	2.08	103.7
614	10/13/2010 21:16	14.86	50.00	32.76	8.48	7.93	4.5	1.97	102.5
615	10/13/2010 21:31	14.85	51.15	33.60	8.36	7.93	3.8	1.87	101.6
616	10/13/2010 21:46	15.04	50.96	33.47	8.36	7.93	3.8	1.78	101.8
617	10/13/2010 22:01	15.09	50.98	33.48	8.29	7.93	3.2	1.69	101.1
618	10/13/2010 22:16	15.18	50.84	33.38	8.34	7.94	3.3	1.61	101.9
619	10/13/2010 22:31	15.32	50.99	33.50	8.43	7.95	2.9	1.55	103.3
620	10/13/2010 22:46	15.42	51.14	33.61	8.42	7.95	2.4	1.51	103.4
621	10/13/2010 23:01	15.61	51.02	33.53	8.71	7.98	2.1	1.49	107.3
622	10/13/2010 23:16	15.61	50.58	33.20	8.66	7.97	2.1	1.48	106.6
623	10/13/2010 23:31	15.64	51.01	33.52	8.73	7.98	1.6	1.48	107.7
624	10/13/2010 23:46	15.66	51.18	33.64	8.89	7.99	1.4	1.51	109.8
625	10/14/2010 0:01	15.66	51.01	33.52	8.93	7.99	1.3	1.54	110.2
626	10/14/2010 0:16	15.65	51.01	33.51	8.95	7.99	1.6	1.60	110.4
627	10/14/2010 0:31	15.65	50.92	33.45	9.03	8.00	1.5	1.64	111.4
628	10/14/2010 0:46	15.60	50.97	33.49	8.94	7.99	1.5	1.69	110.2
629	10/14/2010 1:01	15.67	50.03	32.80	8.80	7.97	2.5	1.77	108.1
630	10/14/2010 1:16	15.73	50.74	33.32	8.59	7.96	2.7	1.83	106.0
631	10/14/2010 1:31	15.69	50.91	33.44	8.58	7.95	2.6	1.89	105.9
632	10/14/2010 1:46	15.63	50.90	33.44	8.61	7.95	2.5	1.96	106.1
633	10/14/2010 2:01	15.50	50.09	32.84	8.62	7.95	2.2	2.04	105.6
634	10/14/2010 2:16	15.44	49.89	32.69	8.62	7.95	2.0	2.11	105.3
635	10/14/2010 2:31	15.39	50.06	32.81	8.59	7.94	1.8	2.18	105.0

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	
636	10/14/2010 2:46	15.33	50.91	33.44	8.54	7.95	2.0	2.25	104.6
637	10/14/2010 3:01	15.16	50.83	33.37	8.44	7.94	1.7	2.33	103.1
638	10/14/2010 3:16	15.01	51.04	33.52	8.33	7.92	1.8	2.40	101.4
639	10/14/2010 3:31	14.96	50.92	33.44	8.29	7.92	2.0	2.46	100.8
640	10/14/2010 3:46	14.92	50.94	33.45	8.28	7.92	1.7	2.53	100.6
641	10/14/2010 4:01	14.86	50.22	32.92	8.28	7.92	1.9	2.60	100.2
642	10/14/2010 4:16	14.73	51.01	33.50	8.25	7.91	1.6	2.67	100.0
643	10/14/2010 4:31	14.60	50.93	33.43	8.23	7.91	1.8	2.73	99.4
644	10/14/2010 4:46	14.48	50.95	33.45	8.21	7.91	1.8	2.79	98.9
645	10/14/2010 5:01	14.34	50.42	33.05	8.24	7.91	1.5	2.84	98.8
646	10/14/2010 5:16	14.19	51.03	33.49	8.19	7.90	1.6	2.90	98.1
647	10/14/2010 5:31	13.95	50.99	33.45	8.29	7.90	2.1	2.94	98.8
648	10/14/2010 5:46	13.80	50.93	33.41	8.26	7.90	1.3	2.99	98.1
649	10/14/2010 6:01	13.71	50.94	33.41	8.27	7.90	1.2	3.03	98.0
650	10/14/2010 6:16	13.65	50.95	33.42	8.20	7.90	1.2	3.06	97.1
651	10/14/2010 6:31	13.64	50.87	33.36	8.11	7.90	0.6	3.08	96.0
652	10/14/2010 6:46	13.78	50.81	33.32	8.06	7.90	0.9	3.10	95.6
653	10/14/2010 7:01	13.62	50.94	33.41	8.05	7.89	0.6	3.10	95.3
654	10/14/2010 7:16	13.43	50.98	33.43	8.09	7.89	0.9	3.09	95.4
655	10/14/2010 7:31	13.48	50.88	33.36	8.07	7.89	0.7	3.07	95.2
656	10/14/2010 7:46	13.67	51.12	33.55	8.02	7.89	1.3	3.03	95.1
657	10/14/2010 8:01	13.90	50.78	33.30	7.96	7.88	1.5	2.99	94.6
658	10/14/2010 8:16	14.14	50.86	33.37	7.61	7.87	2.1	2.95	91.0
659	10/14/2010 8:31	14.10	50.98	33.45	7.60	7.86	2.5	2.89	90.9
660	10/14/2010 8:46	14.13	51.01	33.48	7.73	7.87	1.6	2.84	92.5
661	10/14/2010 9:01	14.13	50.90	33.40	7.74	7.87	1.6	2.80	92.5
662	10/14/2010 9:16	14.20	50.96	33.45	7.75	7.88	1.5	2.75	92.9
663	10/14/2010 9:31	14.23	50.77	33.30	7.84	7.88	1.6	2.71	93.9
664	10/14/2010 9:46	14.31	50.72	33.27	7.86	7.89	1.0	2.66	94.3
665	10/14/2010 10:01	14.43	51.00	33.48	7.92	7.89	1.0	2.63	95.3
666	10/14/2010 10:16	14.53	51.14	33.58	7.98	7.90	0.9	2.60	96.4
667	10/14/2010 10:31	14.63	50.79	33.33	8.03	7.90	1.0	2.57	97.0
668	10/14/2010 10:46	14.71	50.64	33.22	8.07	7.91	0.4	2.55	97.6
669	10/14/2010 11:01	14.79	50.82	33.36	8.12	7.91	1.3	2.53	98.4
670	10/14/2010 11:16	14.88	50.99	33.49	8.06	7.91	0.5	2.52	97.9
671	10/14/2010 11:31	14.91	50.74	33.31	8.12	7.92	0.4	2.52	98.6
672	10/14/2010 11:46	14.86	50.98	33.48	8.12	7.91	0.5	2.51	98.6
673	10/14/2010 12:01	14.85	50.86	33.39	8.11	7.91	0.7	2.53	98.4
674	10/14/2010 12:16	14.85	50.91	33.42	8.05	7.91	1.0	2.56	97.7
675	10/14/2010 12:31	14.81	50.69	33.26	8.03	7.90	1.2	2.59	97.3
676	10/14/2010 12:46	14.78	50.74	33.29	8.02	7.90	11.7	2.62	97.1
677	10/14/2010 13:01	14.69	50.87	33.39	8.00	7.90	5.3	2.65	96.8
678	10/14/2010 13:16	14.58	50.87	33.39	7.92	7.90	0.9	2.70	95.6
679	10/14/2010 13:31	14.47	50.75	33.30	7.85	7.89	0.6	2.73	94.5
680	10/14/2010 13:46	14.45	50.90	33.41	7.85	7.90	0.7	2.77	94.4
681	10/14/2010 14:01	14.35	50.92	33.42	7.84	7.89	0.5	2.82	94.2
682	10/14/2010 14:16	14.25	50.73	33.27	7.92	7.90	0.8	2.86	94.8
683	10/14/2010 14:31	14.13	50.29	32.95	7.94	7.89	0.7	2.90	94.7
684	10/14/2010 14:46	13.98	50.77	33.29	7.94	7.89	0.9	2.95	94.6
685	10/14/2010 15:01	13.84	50.98	33.44	8.03	7.89	1.0	3.00	95.5
686	10/14/2010 15:16	13.80	50.91	33.40	8.12	7.90	0.7	3.04	96.5
687	10/14/2010 15:31	13.62	51.01	33.46	8.22	7.91	0.7	3.09	97.3
688	10/14/2010 15:46	13.55	50.97	33.42	8.21	7.91	0.5	3.12	97.0

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	
689	10/14/2010 16:01	13.50	50.90	33.38	8.23	7.91	0.4	3.18	97.1
690	10/14/2010 16:16	13.45	50.88	33.36	8.23	7.91	0.0	3.21	97.1
691	10/14/2010 16:31	13.43	50.99	33.44	8.21	7.91	0.2	3.24	96.8
692	10/14/2010 16:46	13.36	51.07	33.49	8.19	7.91	0.1	3.28	96.4
693	10/14/2010 17:01	13.25	51.09	33.50	8.14	7.90	0.0	3.30	95.7
694	10/14/2010 17:16	13.22	50.77	33.27	8.12	7.90	0.0	3.32	95.2
695	10/14/2010 17:31	13.30	50.20	32.86	8.08	7.90	0.1	3.32	94.7
696	10/14/2010 17:46	13.14	51.04	33.46	7.99	7.90	0.0	3.31	93.7
697	10/14/2010 18:01	13.16	50.89	33.36	8.05	7.90	0.0	3.29	94.4
698	10/14/2010 18:16	13.22	50.66	33.19	8.08	7.90	0.0	3.25	94.7
699	10/14/2010 18:31	13.35	50.96	33.41	8.07	7.90	0.4	3.21	95.0
700	10/14/2010 18:46	13.90	51.07	33.51	8.28	7.93	0.7	3.17	98.6
701	10/14/2010 19:01	14.15	50.22	32.90	8.35	7.93	0.9	3.11	99.6
702	10/14/2010 19:16	14.16	49.99	32.73	8.22	7.92	1.5	3.05	98.0
703	10/14/2010 19:31	14.27	50.96	33.45	8.17	7.92	1.8	2.98	98.0
704	10/14/2010 19:46	14.28	50.63	33.20	8.15	7.92	1.6	2.91	97.7
705	10/14/2010 20:01	14.30	50.94	33.43	8.06	7.91	1.6	2.82	96.7
706	10/14/2010 20:16	14.26	50.93	33.42	8.08	7.91	1.8	2.75	96.9
707	10/14/2010 20:31	14.44	50.95	33.44	8.20	7.92	1.8	2.67	98.7
708	10/14/2010 20:46	14.51	50.79	33.33	8.21	7.93	1.8	2.59	98.9
709	10/14/2010 21:01	14.49	50.90	33.41	8.20	7.93	2.2	2.50	98.8
710	10/14/2010 21:16	14.53	50.96	33.45	8.19	7.93	2.9	2.41	98.7
711	10/14/2010 21:31	14.56	51.02	33.50	8.28	7.93	3.2	2.32	100.0
712	10/14/2010 21:46	14.66	50.93	33.44	8.24	7.94	3.1	2.24	99.6
713	10/14/2010 22:01	14.48	50.77	33.31	8.15	7.93	2.9	2.13	98.0
714	10/14/2010 22:16	14.68	50.94	33.44	8.23	7.94	2.8	2.04	99.6
715	10/14/2010 22:31	14.78	50.68	33.26	8.27	7.95	2.8	1.96	100.1
716	10/14/2010 22:46	14.93	50.42	33.06	8.32	7.95	2.7	1.89	100.9
717	10/14/2010 23:01	14.98	50.93	33.44	8.31	7.95	2.9	1.81	101.2
718	10/14/2010 23:16	15.05	50.92	33.43	8.28	7.95	2.3	1.74	100.9
719	10/14/2010 23:31	15.19	50.85	33.39	8.37	7.97	2.1	1.70	102.2
720	10/14/2010 23:46	15.22	51.05	33.54	8.30	7.96	2.4	1.66	101.5
721	10/15/2010 0:01	15.38	50.98	33.49	8.53	7.99	1.9	1.64	104.7
722	10/15/2010 0:16	15.52	51.01	33.52	8.76	8.01	1.5	1.63	107.8
723	10/15/2010 0:31	15.38	51.00	33.50	8.52	7.99	2.5	1.63	104.5
724	10/15/2010 0:46	15.51	50.32	33.01	8.87	8.02	1.6	1.65	108.7
725	10/15/2010 1:01	15.49	50.88	33.42	8.86	8.01	1.0	1.67	108.9
726	10/15/2010 1:16	15.48	50.98	33.49	8.90	8.01	1.3	1.71	109.5
727	10/15/2010 1:31	15.50	50.97	33.48	9.03	8.02	1.3	1.76	111.0
728	10/15/2010 1:46	15.48	50.30	32.99	9.00	8.02	1.5	1.81	110.3
729	10/15/2010 2:01	15.46	50.08	32.83	8.94	8.01	1.6	1.86	109.4
730	10/15/2010 2:16	15.45	49.96	32.75	8.62	7.98	2.6	1.93	105.4
731	10/15/2010 2:31	15.44	49.75	32.59	8.55	7.97	3.2	1.99	104.5
732	10/15/2010 2:46	15.40	49.86	32.67	8.56	7.98	2.6	2.05	104.6
733	10/15/2010 3:01	15.35	50.05	32.81	8.59	7.98	2.0	2.10	104.9
734	10/15/2010 3:16	15.32	50.01	32.78	8.60	7.97	1.6	2.18	104.9
735	10/15/2010 3:31	15.27	50.55	33.17	8.52	7.97	1.4	2.25	104.2
736	10/15/2010 3:46	15.18	49.93	32.72	8.46	7.96	1.6	2.30	102.9
737	10/15/2010 4:01	15.08	50.04	32.79	8.42	7.95	1.3	2.37	102.2
738	10/15/2010 4:16	14.91	49.98	32.75	8.27	7.94	1.3	2.44	100.1
739	10/15/2010 4:31	14.82	50.03	32.78	8.21	7.93	1.1	2.51	99.2
740	10/15/2010 4:46	14.76	50.03	32.78	8.14	7.92	1.6	2.57	98.3
741	10/15/2010 5:01	14.65	50.01	32.76	8.12	7.92	1.0	2.64	97.7

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	
742	10/15/2010 5:16	14.57	49.88	32.66	8.13	7.92	1.5	2.70	97.7
743	10/15/2010 5:31	14.43	49.93	32.70	8.12	7.91	1.2	2.76	97.3
744	10/15/2010 5:46	14.31	50.07	32.79	8.12	7.91	1.1	2.82	97.1
745	10/15/2010 6:01	14.19	49.87	32.64	8.12	7.91	1.3	2.88	96.8
746	10/15/2010 6:16	14.07	49.85	32.63	8.12	7.90	1.0	2.93	96.5
747	10/15/2010 6:31	13.91	49.99	32.73	8.07	7.90	1.5	2.98	95.7
748	10/15/2010 6:46	13.73	50.05	32.76	8.11	7.90	1.3	3.02	95.9
749	10/15/2010 7:01	13.61	50.02	32.73	8.10	7.90	0.9	3.06	95.4
750	10/15/2010 7:16	13.59	49.99	32.72	8.08	7.90	1.1	3.10	95.2
751	10/15/2010 7:31	13.55	49.93	32.67	8.05	7.90	0.7	3.11	94.7
752	10/15/2010 7:46	13.62	49.88	32.63	7.94	7.89	1.0	3.13	93.6
753	10/15/2010 8:01	13.66	50.95	33.42	7.84	7.89	0.6	3.14	92.9
754	10/15/2010 8:16	13.45	50.06	32.76	7.86	7.88	0.3	3.13	92.4
755	10/15/2010 8:31	13.48	49.99	32.71	7.92	7.90	0.9	3.11	93.1
756	10/15/2010 8:46	13.58	50.01	32.73	7.95	7.89	0.9	3.08	93.6
757	10/15/2010 9:01	13.71	50.12	32.81	7.90	7.89	1.0	3.04	93.4
758	10/15/2010 9:16	13.88	50.05	32.76	7.93	7.89	1.5	2.99	94.0
759	10/15/2010 9:31	14.04	49.99	32.73	7.84	7.89	1.2	2.94	93.2
760	10/15/2010 9:46	14.13	49.99	32.73	7.86	7.89	1.1	2.88	93.7
761	10/15/2010 10:01	14.16	49.94	32.70	7.89	7.89	1.1	2.84	94.0
762	10/15/2010 10:16	14.26	49.92	32.69	7.89	7.90	0.7	2.79	94.2
763	10/15/2010 10:31	14.34	50.00	32.75	7.88	7.90	0.9	2.73	94.2
764	10/15/2010 10:46	14.38	49.96	32.72	7.98	7.91	1.0	2.68	95.5
765	10/15/2010 11:01	14.44	49.95	32.71	7.98	7.90	0.8	2.65	95.6
766	10/15/2010 11:16	14.52	49.85	32.64	7.93	7.90	0.6	2.61	95.1
767	10/15/2010 11:31	14.61	49.95	32.72	8.06	7.92	0.5	2.57	97.0
768	10/15/2010 11:46	14.73	49.99	32.75	8.07	7.92	0.4	2.54	97.3
769	10/15/2010 12:01	14.76	50.09	32.82	8.08	7.92	0.6	2.51	97.5
770	10/15/2010 12:16	14.81	50.12	32.84	8.08	7.93	0.7	2.50	97.6
771	10/15/2010 12:31	14.87	49.96	32.73	8.00	7.92	0.2	2.47	96.7
772	10/15/2010 12:46	14.87	50.15	32.87	8.07	7.93	0.3	2.47	97.7
773	10/15/2010 13:01	14.85	50.90	33.42	8.11	7.94	3.1	2.47	98.4
774	10/15/2010 13:16	14.86	49.95	32.73	8.11	7.92	0.5	2.47	98.0
775	10/15/2010 13:31	14.84	49.95	32.72	8.07	7.92	0.5	2.48	97.4
776	10/15/2010 13:46	14.83	50.07	32.81	8.04	7.91	2.1	2.51	97.2
777	10/15/2010 14:01	14.82	49.97	32.73	7.99	7.92	0.5	2.52	96.5
778	10/15/2010 14:16	14.81	50.03	32.78	8.08	7.92	0.5	2.56	97.6
779	10/15/2010 14:31	14.71	50.00	32.76	8.03	7.91	0.5	2.58	96.8
780	10/15/2010 14:46	14.64	49.88	32.67	8.01	7.91	0.5	2.62	96.4
781	10/15/2010 15:01	14.53	49.97	32.73	7.91	7.90	0.5	2.66	95.0
782	10/15/2010 15:16	14.49	49.97	32.73	7.98	7.91	0.4	2.70	95.7
783	10/15/2010 15:31	14.46	49.99	32.74	8.02	7.91	0.5	2.74	96.2
784	10/15/2010 15:46	14.42	50.44	33.07	8.01	7.92	0.5	2.79	96.2
785	10/15/2010 16:01	14.28	50.59	33.18	7.99	7.90	0.4	2.85	95.7
786	10/15/2010 16:16	14.10	49.97	32.71	8.00	7.90	0.3	2.89	95.2
787	10/15/2010 16:31	13.96	49.93	32.68	8.00	7.90	0.3	2.94	95.0
788	10/15/2010 16:46	13.86	50.25	32.91	8.03	7.90	0.1	2.98	95.3
789	10/15/2010 17:01	13.70	50.31	32.95	8.10	7.90	0.0	3.02	95.8
790	10/15/2010 17:16	13.50	50.30	32.94	8.10	7.90	0.0	3.07	95.3
791	10/15/2010 17:31	13.37	49.99	32.71	8.11	7.90	0.0	3.10	95.1
792	10/15/2010 17:46	13.33	49.91	32.65	8.09	7.89	0.0	3.14	94.7
793	10/15/2010 18:01	13.25	50.03	32.73	8.06	7.89	0.0	3.16	94.3
794	10/15/2010 18:16	13.25	49.97	32.68	8.05	7.90	0.0	3.19	94.1

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	
795	10/15/2010 18:31	13.15	51.05	33.47	7.93	7.89	0.0	3.19	93.0
796	10/15/2010 18:46	13.32	50.10	32.78	7.97	7.89	0.0	3.20	93.4
797	10/15/2010 19:01	13.11	50.15	32.81	7.82	7.88	0.0	3.21	91.3
798	10/15/2010 19:16	13.08	50.09	32.77	7.80	7.88	0.0	3.19	90.9
799	10/15/2010 19:31	13.16	50.15	32.81	7.85	7.88	0.0	3.16	91.8
800	10/15/2010 19:46	13.28	50.07	32.76	7.87	7.88	0.0	3.12	92.2
801	10/15/2010 20:01	13.47	51.04	33.48	7.89	7.89	0.2	3.08	93.2
802	10/15/2010 20:16	13.68	50.10	32.80	8.02	7.90	0.4	3.03	94.7
803	10/15/2010 20:31	13.94	49.98	32.72	8.18	7.92	1.2	2.96	97.1
804	10/15/2010 20:46	14.16	50.03	32.76	8.31	7.93	1.1	2.90	99.0
805	10/15/2010 21:01	14.33	50.11	32.82	8.39	7.94	1.3	2.82	100.4
806	10/15/2010 21:16	14.44	49.89	32.67	8.42	7.95	1.6	2.75	100.9
807	10/15/2010 21:31	14.52	50.02	32.76	8.38	7.94	1.6	2.68	100.6
808	10/15/2010 21:46	14.52	50.03	32.77	8.29	7.94	1.8	2.60	99.6
809	10/15/2010 22:01	14.64	50.14	32.86	8.42	7.95	1.8	2.52	101.4
810	10/15/2010 22:16	14.69	50.15	32.86	8.53	7.96	2.0	2.44	102.8
811	10/15/2010 22:31	14.72	51.15	33.60	8.46	7.96	2.3	2.37	102.5
812	10/15/2010 22:46	14.64	51.18	33.62	8.30	7.95	3.1	2.28	100.4
813	10/15/2010 23:01	14.68	51.18	33.62	8.32	7.95	2.4	2.21	100.8
814	10/15/2010 23:16	14.63	51.19	33.63	8.29	7.95	2.7	2.11	100.3
815	10/15/2010 23:31	14.69	50.85	33.38	8.32	7.96	2.3	2.03	100.6
816	10/15/2010 23:46	14.72	50.12	32.84	8.32	7.96	2.2	1.96	100.4
817	10/16/2010 0:01	14.74	50.08	32.81	8.28	7.96	2.3	1.88	99.9
818	10/16/2010 0:16	14.85	50.16	32.88	8.34	7.97	2.0	1.85	100.8
819	10/16/2010 0:31	14.84	50.48	33.11	8.24	7.96	1.6	1.78	99.8
820	10/16/2010 0:46	14.99	50.15	32.87	8.46	7.98	1.5	1.73	102.7
821	10/16/2010 1:01	15.11	50.15	32.87	8.47	7.99	1.1	1.72	102.9
822	10/16/2010 1:16	15.09	49.94	32.72	8.46	7.99	1.3	1.69	102.7
823	10/16/2010 1:31	15.09	50.14	32.87	8.43	7.99	1.1	1.68	102.5
824	10/16/2010 1:46	15.11	50.12	32.85	8.60	8.00	0.9	1.70	104.5
825	10/16/2010 2:01	15.20	50.19	32.91	8.89	8.03	0.7	1.73	108.3
826	10/16/2010 2:16	15.15	50.21	32.92	8.80	8.02	1.0	1.75	107.1
827	10/16/2010 2:31	15.21	49.99	32.76	8.98	8.03	0.8	1.80	109.3
828	10/16/2010 2:46	15.18	50.16	32.88	8.97	8.03	0.9	1.86	109.2
829	10/16/2010 3:01	15.15	50.08	32.83	8.90	8.02	1.0	1.90	108.3
830	10/16/2010 3:16	15.10	49.91	32.70	8.59	7.99	2.0	1.96	104.3
831	10/16/2010 3:31	15.10	50.46	33.10	8.39	7.98	2.6	2.01	102.1
832	10/16/2010 3:46	15.06	49.81	32.62	8.34	7.97	2.6	2.08	101.1
833	10/16/2010 4:01	15.05	50.02	32.78	8.42	7.98	1.8	2.14	102.2
834	10/16/2010 4:16	15.02	50.18	32.89	8.42	7.97	1.8	2.20	102.2
835	10/16/2010 4:31	14.96	50.49	33.12	8.37	7.97	1.2	2.26	101.6
836	10/16/2010 4:46	14.88	49.94	32.72	8.32	7.96	1.8	2.34	100.6
837	10/16/2010 5:01	14.78	50.45	33.09	8.19	7.95	1.5	2.40	99.1
838	10/16/2010 5:16	14.68	50.14	32.86	8.14	7.94	1.4	2.48	98.1
839	10/16/2010 5:31	14.58	50.13	32.85	8.04	7.93	1.2	2.54	96.7
840	10/16/2010 5:46	14.50	50.18	32.88	8.00	7.92	1.8	2.60	96.1
841	10/16/2010 6:01	14.40	50.16	32.86	7.99	7.92	1.3	2.67	95.8
842	10/16/2010 6:16	14.29	50.29	32.96	7.98	7.92	1.5	2.73	95.5
843	10/16/2010 6:31	14.19	51.19	33.61	7.90	7.92	1.4	2.79	94.8
844	10/16/2010 6:46	14.03	50.34	32.99	7.93	7.90	1.2	2.86	94.4
845	10/16/2010 7:01	13.93	49.98	32.72	7.94	7.90	1.2	2.91	94.2
846	10/16/2010 7:16	13.77	49.94	32.68	7.89	7.89	1.3	2.96	93.2
847	10/16/2010 7:31	13.52	50.52	33.10	7.86	7.89	1.3	3.01	92.7

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	
848	10/16/2010 7:46	13.37	50.43	33.03	7.87	7.88	1.4	3.06	92.4
849	10/16/2010 8:01	13.19	50.51	33.08	7.88	7.88	1.2	3.11	92.2
850	10/16/2010 8:16	13.14	50.02	32.72	7.85	7.88	0.5	3.13	91.7
851	10/16/2010 8:31	13.08	50.84	33.31	7.80	7.89	0.5	3.16	91.2
852	10/16/2010 8:46	12.93	50.08	32.75	7.81	7.87	0.5	3.18	90.8
853	10/16/2010 9:01	13.08	50.35	32.96	7.75	7.87	0.4	3.18	90.4
854	10/16/2010 9:16	12.98	50.26	32.89	7.73	7.87	1.8	3.17	90.1
855	10/16/2010 9:31	12.98	50.02	32.71	7.74	7.87	0.6	3.14	90.1
856	10/16/2010 9:46	13.20	50.58	33.13	7.76	7.87	0.9	3.10	90.9
857	10/16/2010 10:01	13.78	50.39	33.01	7.93	7.90	1.0	3.06	94.0
858	10/16/2010 10:16	13.76	50.03	32.75	7.97	7.90	1.2	2.99	94.2
859	10/16/2010 10:31	13.81	51.21	33.61	7.93	7.90	4.2	2.94	94.3
860	10/16/2010 10:46	13.95	51.21	33.62	8.04	7.93	51.3	2.88	95.9
861	10/16/2010 11:01	14.05	49.92	32.68	8.09	7.92	1.3	2.82	96.2
862	10/16/2010 11:16	14.09	50.08	32.80	7.95	7.91	0.6	2.77	94.7
863	10/16/2010 11:31	14.18	50.08	32.80	8.10	7.93	1.2	2.70	96.6
864	10/16/2010 11:46	14.26	49.85	32.63	8.23	7.94	1.2	2.66	98.2
865	10/16/2010 12:01	14.37	50.22	32.90	8.30	7.95	0.7	2.61	99.5
866	10/16/2010 12:16	14.42	50.17	32.87	8.41	7.96	0.8	2.57	100.9
867	10/16/2010 12:31	14.50	50.37	33.02	8.43	7.96	0.7	2.51	101.3
868	10/16/2010 12:46	14.56	49.82	32.62	8.67	7.98	0.7	2.47	104.1
869	10/16/2010 13:01	14.60	50.28	32.96	8.67	7.98	0.5	2.44	104.4
870	10/16/2010 13:16	14.62	50.04	32.78	8.64	7.98	0.4	2.39	104.0
871	10/16/2010 13:31	14.64	50.04	32.78	8.58	7.98	0.2	2.36	103.3
872	10/16/2010 13:46	14.65	50.23	32.92	8.68	7.98	0.1	2.34	104.6
873	10/16/2010 14:01	14.67	50.62	33.21	8.50	7.98	0.0	2.32	102.6
874	10/16/2010 14:16	14.66	51.19	33.63	8.84	7.99	0.4	2.32	107.0
875	10/16/2010 14:31	14.65	49.82	32.62	8.88	8.00	3.1	2.32	106.8
876	10/16/2010 14:46	14.70	49.99	32.75	8.72	7.98	0.5	2.35	105.1
877	10/16/2010 15:01	14.70	50.74	33.30	8.66	7.98	0.6	2.36	104.8
878	10/16/2010 15:16	14.76	49.93	32.71	8.57	7.97	0.7	2.39	103.3
879	10/16/2010 15:31	14.78	50.17	32.88	8.53	7.97	0.7	2.44	103.1
880	10/16/2010 15:46	14.71	50.08	32.81	8.40	7.96	0.7	2.48	101.3
881	10/16/2010 16:01	14.66	49.80	32.61	8.32	7.95	0.7	2.53	100.1
882	10/16/2010 16:16	14.61	50.08	32.81	8.37	7.95	0.5	2.58	100.7
883	10/16/2010 16:31	14.57	49.99	32.75	8.55	7.94	0.7	2.61	102.7
884	10/16/2010 16:46	14.49	50.52	33.13	8.69	7.94	0.4	2.67	104.5
885	10/16/2010 17:01	14.38	50.02	32.76	8.57	7.94	0.3	2.72	102.7
886	10/16/2010 17:16	14.32	50.39	33.03	8.37	7.92	0.4	2.77	100.3
887	10/16/2010 17:31	14.21	49.93	32.69	8.28	7.92	0.1	2.82	98.7
888	10/16/2010 17:46	14.05	50.24	32.91	8.19	7.91	0.2	2.87	97.5
889	10/16/2010 18:01	13.85	50.19	32.87	8.19	7.90	0.0	2.92	97.1
890	10/16/2010 18:16	13.77	50.06	32.77	8.12	7.90	0.2	2.95	96.0
891	10/16/2010 18:31	13.63	50.16	32.84	8.12	7.89	0.0	3.00	95.8
892	10/16/2010 18:46	13.51	50.38	32.99	8.12	7.89	0.0	3.04	95.7
893	10/16/2010 19:01	13.43	50.18	32.85	8.10	7.89	0.0	3.07	95.2
894	10/16/2010 19:16	13.37	50.23	32.88	8.11	7.89	0.0	3.11	95.2
895	10/16/2010 19:31	13.33	50.43	33.03	8.06	7.89	0.0	3.13	94.6
896	10/16/2010 19:46	13.24	50.52	33.09	7.98	7.88	0.0	3.14	93.5
897	10/16/2010 20:01	13.39	49.95	32.68	8.04	7.89	0.2	3.16	94.3
898	10/16/2010 20:16	13.27	50.80	33.30	7.90	7.88	0.0	3.15	92.8
899	10/16/2010 20:31	13.16	50.12	32.79	8.05	7.88	0.5	3.13	94.0
900	10/16/2010 20:46	13.20	50.20	32.86	8.07	7.88	0.0	3.10	94.4

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	
901	10/16/2010 21:01	13.27	50.00	32.71	8.06	7.88	0.0	3.06	94.3
902	10/16/2010 21:16	13.47	50.38	33.00	8.05	7.89	0.1	3.02	94.7
903	10/16/2010 21:31	13.77	50.14	32.83	8.11	7.91	0.5	2.95	95.9
904	10/16/2010 21:46	13.91	50.29	32.94	8.06	7.91	1.4	2.89	95.6
905	10/16/2010 22:01	14.00	50.02	32.75	8.06	7.90	1.3	2.84	95.8
906	10/16/2010 22:16	14.11	50.10	32.81	8.10	7.91	1.6	2.76	96.5
907	10/16/2010 22:31	14.12	50.05	32.77	7.95	7.90	1.8	2.67	94.7
908	10/16/2010 22:46	14.18	50.07	32.79	8.08	7.92	1.6	2.62	96.3
909	10/16/2010 23:01	14.21	50.15	32.85	8.11	7.92	2.0	2.55	96.8
910	10/16/2010 23:16	14.35	50.23	32.92	8.31	7.94	2.2	2.45	99.5
911	10/16/2010 23:31	14.35	50.17	32.87	8.41	7.95	2.2	2.37	100.7
912	10/16/2010 23:46	14.41	50.41	33.05	8.39	7.96	2.3	2.31	100.7
913	10/17/2010 0:01	14.32	51.00	33.47	8.20	7.95	2.4	2.21	98.5
914	10/17/2010 0:16	14.32	51.23	33.64	8.27	7.96	2.5	2.13	99.4
915	10/17/2010 0:31	14.39	49.98	32.73	8.37	7.96	2.5	2.06	100.2
916	10/17/2010 0:46	14.43	50.79	33.32	8.36	7.96	2.4	1.97	100.5
917	10/17/2010 1:01	14.44	51.24	33.65	8.36	7.96	2.1	1.90	100.7
918	10/17/2010 1:16	14.46	51.25	33.66	8.34	7.96	1.8	1.85	100.5
919	10/17/2010 1:31	14.56	51.11	33.56	8.34	7.97	1.7	1.80	100.7
920	10/17/2010 1:46	14.61	51.23	33.66	8.47	7.99	1.3	1.76	102.4
921	10/17/2010 2:01	14.71	51.19	33.63	8.60	8.00	1.3	1.74	104.3
922	10/17/2010 2:16	14.75	51.24	33.66	8.66	8.02	1.2	1.73	105.0
923	10/17/2010 2:31	14.72	50.02	32.77	8.70	8.01	1.5	1.74	104.9
924	10/17/2010 2:46	14.81	50.11	32.84	9.01	8.04	0.7	1.74	108.9
925	10/17/2010 3:01	14.77	50.16	32.88	8.95	8.03	0.8	1.78	108.1
926	10/17/2010 3:16	14.83	51.25	33.68	9.09	8.05	1.5	1.81	110.4
927	10/17/2010 3:31	14.87	50.10	32.83	9.27	8.06	0.7	1.85	112.1
928	10/17/2010 3:46	14.84	50.15	32.87	9.20	8.05	1.0	1.91	111.2
929	10/17/2010 4:01	14.80	50.15	32.87	9.09	8.04	1.2	1.97	109.9
930	10/17/2010 4:16	14.72	50.18	32.89	8.69	8.01	2.7	2.02	104.8
931	10/17/2010 4:31	14.69	50.70	33.26	8.52	7.99	2.7	2.09	102.9
932	10/17/2010 4:46	14.66	49.98	32.74	8.54	7.99	2.1	2.16	102.8
933	10/17/2010 5:01	14.63	49.97	32.73	8.53	7.99	1.8	2.22	102.6
934	10/17/2010 5:16	14.60	50.01	32.76	8.50	7.98	1.8	2.29	102.3
935	10/17/2010 5:31	14.53	50.01	32.75	8.38	7.96	1.8	2.36	100.7
936	10/17/2010 5:46	14.46	49.98	32.74	8.29	7.95	1.9	2.42	99.5
937	10/17/2010 6:01	14.39	49.97	32.72	8.23	7.94	1.3	2.50	98.5
938	10/17/2010 6:16	14.30	50.16	32.86	8.13	7.93	2.1	2.58	97.2
939	10/17/2010 6:31	14.23	50.12	32.83	8.10	7.93	2.2	2.64	96.7
940	10/17/2010 6:46	14.13	50.06	32.78	8.11	7.92	2.7	2.71	96.7
941	10/17/2010 7:01	14.01	50.59	33.17	8.03	7.93	1.5	2.78	95.7
942	10/17/2010 7:16	13.88	50.82	33.33	7.99	7.91	2.3	2.85	95.0
943	10/17/2010 7:31	13.76	50.01	32.74	8.03	7.90	2.6	2.90	94.9
944	10/17/2010 7:46	13.63	50.06	32.77	7.99	7.89	1.6	2.97	94.2
945	10/17/2010 8:01	13.44	50.43	33.03	7.94	7.89	3.5	3.04	93.5
946	10/17/2010 8:16	13.36	50.63	33.17	7.94	7.88	3.1	3.09	93.3
947	10/17/2010 8:31	13.07	50.79	33.28	7.94	7.88	3.4	3.14	92.8
948	10/17/2010 8:46	12.93	50.90	33.35	7.96	7.87	3.8	3.18	92.9
949	10/17/2010 9:01	12.85	50.94	33.38	7.94	7.87	0.8	3.22	92.4
950	10/17/2010 9:16	12.73	50.90	33.34	7.91	7.86	1.7	3.25	92.0
951	10/17/2010 9:31	12.91	50.08	32.75	7.88	7.87	0.7	3.26	91.6
952	10/17/2010 9:46	12.78	50.60	33.13	7.83	7.86	0.9	3.26	90.9
953	10/17/2010 10:01	12.70	50.98	33.40	7.87	7.86	17.2	3.24	91.4

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	
954	10/17/2010 10:16	12.83	50.30	32.91	7.93	7.86	1.0	3.21	92.0
955	10/17/2010 10:31	13.03	50.25	32.89	7.89	7.87	1.2	3.15	92.0
956	10/17/2010 10:46	13.41	50.13	32.81	7.90	7.89	1.8	3.09	92.7
957	10/17/2010 11:01	13.44	50.24	32.89	7.98	7.89	20.1	3.04	93.8
958	10/17/2010 11:16	13.46	50.20	32.86	8.01	7.89	1.6	2.97	94.1
959	10/17/2010 11:31	13.55	50.05	32.75	8.02	7.90	1.8	2.90	94.4
960	10/17/2010 11:46	13.66	50.20	32.87	8.07	7.91	1.7	2.83	95.3
961	10/17/2010 12:01	13.73	50.31	32.95	8.16	7.92	1.2	2.76	96.5
962	10/17/2010 12:16	13.78	50.19	32.86	8.30	7.93	1.0	2.71	98.2
963	10/17/2010 12:31	13.88	50.18	32.86	8.39	7.94	1.0	2.63	99.4
964	10/17/2010 12:46	13.92	51.17	33.59	8.55	7.95	0.6	2.57	102.0
965	10/17/2010 13:01	13.84	51.23	33.63	8.79	7.96	0.5	2.51	104.7
966	10/17/2010 13:16	13.97	51.23	33.63	8.82	7.97	0.5	2.45	105.3
967	10/17/2010 13:31	13.90	51.21	33.62	8.98	7.98	0.7	2.38	107.0
968	10/17/2010 13:46	14.00	49.99	32.73	9.11	7.99	0.5	2.32	108.2
969	10/17/2010 14:01	14.07	51.00	33.46	9.07	7.99	0.4	2.28	108.4
970	10/17/2010 14:16	14.18	50.81	33.33	9.04	7.99	0.5	2.23	108.2
971	10/17/2010 14:31	14.23	50.13	32.84	8.97	7.99	0.4	2.18	107.2
972	10/17/2010 14:46	14.22	50.17	32.86	9.18	8.01	0.8	2.15	109.7
973	10/17/2010 15:01	14.33	50.20	32.89	9.10	8.02	0.4	2.15	109.0
974	10/17/2010 15:16	14.27	51.05	33.51	9.05	8.00	1.2	2.15	108.6
975	10/17/2010 15:31	14.34	50.29	32.96	8.95	8.00	3.1	2.14	107.2
976	10/17/2010 15:46	14.40	50.18	32.88	8.85	8.00	0.2	2.17	106.1
977	10/17/2010 16:01	14.48	50.21	32.90	8.74	8.00	0.4	2.22	105.0
978	10/17/2010 16:16	14.56	50.15	32.86	8.71	8.01	0.4	2.24	104.7
979	10/17/2010 16:31	14.55	50.10	32.82	8.64	7.99	0.6	2.30	103.9
980	10/17/2010 16:46	14.50	50.17	32.88	8.57	7.98	0.9	2.36	102.9
981	10/17/2010 17:01	14.47	50.16	32.86	8.45	7.97	1.5	2.41	101.4
982	10/17/2010 17:16	14.39	50.85	33.36	8.36	7.95	1.0	2.47	100.5
983	10/17/2010 17:31	14.33	50.11	32.83	8.36	7.95	1.0	2.51	100.1
984	10/17/2010 17:46	14.26	50.06	32.79	8.33	7.95	0.7	2.57	99.5
985	10/17/2010 18:01	14.21	50.06	32.78	8.30	7.94	0.6	2.63	99.0
986	10/17/2010 18:16	14.16	50.87	33.37	8.18	7.93	0.6	2.67	97.9
987	10/17/2010 18:31	13.97	50.19	32.88	8.14	7.92	0.2	2.73	96.7
988	10/17/2010 18:46	13.85	50.11	32.81	8.07	7.91	0.4	2.79	95.6
989	10/17/2010 19:01	13.77	50.23	32.90	8.04	7.90	0.4	2.83	95.2
990	10/17/2010 19:16	13.72	50.15	32.83	8.02	7.90	0.4	2.88	94.8
991	10/17/2010 19:31	13.64	50.21	32.88	8.00	7.90	0.1	2.93	94.4
992	10/17/2010 19:46	13.60	50.25	32.90	7.99	7.90	0.3	2.97	94.3
993	10/17/2010 20:01	13.57	50.26	32.91	7.93	7.89	0.2	3.01	93.4
994	10/17/2010 20:16	13.49	50.11	32.80	7.95	7.89	0.1	3.05	93.5
995	10/17/2010 20:31	13.33	50.14	32.82	7.93	7.89	0.1	3.07	92.9
996	10/17/2010 20:46	13.28	50.24	32.89	7.90	7.89	0.0	3.11	92.6
997	10/17/2010 21:01	13.22	50.24	32.88	7.89	7.88	5.4	3.12	92.4
998	10/17/2010 21:16	13.25	50.16	32.83	7.81	7.88	0.0	3.12	91.4
999	10/17/2010 21:31	13.17	50.08	32.76	7.79	7.87	0.1	3.12	90.9
1000	10/17/2010 21:46	13.13	51.00	33.43	7.79	7.87	0.0	3.09	91.3
1001	10/17/2010 22:01	13.20	51.01	33.44	7.78	7.87	0.0	3.05	91.4
1002	10/17/2010 22:16	13.43	50.20	32.86	8.06	7.92	1.0	3.00	94.8
1003	10/17/2010 22:31	13.91	50.22	32.89	8.83	8.05	2.1	2.94	104.8
1004	10/17/2010 22:46	13.95	51.30	33.68	8.09	7.99	2.9	2.87	96.6
1005	10/17/2010 23:01	13.90	50.14	32.83	7.92	7.93	2.3	2.81	94.0
1006	10/17/2010 23:16	13.95	50.16	32.85	7.90	7.93	2.2	2.74	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	DO%
			mS/cm		mg/L		NTU	meters	
1007	10/17/2010 23:31	13.95	50.19	32.87	7.96	7.93	1.9	2.65	94.5
1008	10/17/2010 23:46	13.98	50.06	32.78	7.93	7.93	2.3	2.58	94.1
1009	10/18/2010 0:01	14.01	50.22	32.89	8.05	7.94	2.1	2.50	95.7
1010	10/18/2010 0:16	13.98	50.19	32.87	8.11	7.94	7.9	2.42	96.3
1011	10/18/2010 0:31	13.97	50.27	32.93	7.97	7.93	2.4	2.34	94.8
1012	10/18/2010 0:46	13.90	50.38	33.01	7.82	7.91	2.4	2.26	92.9
1013	10/18/2010 1:01	13.91	50.17	32.86	7.95	7.93	2.6	2.17	94.3
1014	10/18/2010 1:16	13.94	50.37	33.01	7.96	7.92	2.5	2.11	94.5
1015	10/18/2010 1:31	14.01	50.55	33.13	8.04	7.94	1.6	2.03	95.8
1016	10/18/2010 1:46	13.98	51.27	33.66	7.91	7.93	1.9	1.95	94.5
1017	10/18/2010 2:01	13.98	50.20	32.88	7.99	7.94	1.5	1.90	95.0
1018	10/18/2010 2:16	14.05	50.11	32.81	8.03	7.95	1.3	1.84	95.5
1019	10/18/2010 2:31	14.06	50.14	32.84	8.02	7.96	1.4	1.79	95.4
1020	10/18/2010 2:46	14.12	50.32	32.97	8.04	7.97	1.0	1.78	95.9
1021	10/18/2010 3:01	14.21	50.33	32.98	8.21	7.99	1.0	1.75	98.1
1022	10/18/2010 3:16	14.19	50.48	33.09	8.21	7.98	0.8	1.75	98.1
1023	10/18/2010 3:31	14.23	50.25	32.92	8.33	7.99	0.9	1.78	99.5
1024	10/18/2010 3:46	14.21	50.16	32.86	8.35	7.99	0.8	1.79	99.7
1025	10/18/2010 4:01	14.25	50.27	32.94	8.43	8.00	0.9	1.83	100.8
1026	10/18/2010 4:16	14.29	50.13	32.84	8.63	8.02	0.7	1.89	103.2
1027	10/18/2010 4:31	14.27	50.17	32.86	8.59	8.02	1.0	1.96	102.7
1028	10/18/2010 4:46	14.25	50.24	32.92	8.52	8.01	1.3	2.01	101.9
1029	10/18/2010 5:01	14.17	50.23	32.91	8.18	7.99	2.2	2.07	97.6
1030	10/18/2010 5:16	14.16	50.16	32.86	8.15	7.98	2.6	2.15	97.2
1031	10/18/2010 5:31	14.14	50.12	32.82	8.14	7.97	2.4	2.21	97.0
1032	10/18/2010 5:46	14.10	50.10	32.81	8.08	7.96	1.8	2.27	96.3
1033	10/18/2010 6:01	14.08	50.14	32.84	8.05	7.95	2.0	2.35	95.9
1034	10/18/2010 6:16	14.08	50.12	32.83	8.04	7.95	2.0	2.42	95.7
1035	10/18/2010 6:31	14.04	50.15	32.85	7.99	7.94	1.6	2.49	95.1
1036	10/18/2010 6:46	13.95	50.19	32.88	7.92	7.93	1.6	2.56	94.1
1037	10/18/2010 7:01	13.91	50.19	32.87	7.86	7.92	2.3	2.63	93.3
1038	10/18/2010 7:16	13.85	50.10	32.80	7.80	7.92	2.6	2.71	92.4
1039	10/18/2010 7:31	13.73	50.11	32.81	7.70	7.91	2.6	2.78	91.1
1040	10/18/2010 7:46	13.63	50.16	32.84	7.75	7.90	2.7	2.85	91.4
1041	10/18/2010 8:01	13.51	50.24	32.89	7.76	7.89	2.7	2.93	91.3
1042	10/18/2010 8:16	13.41	50.14	32.82	7.76	7.89	2.7	2.99	91.1
1043	10/18/2010 8:31	13.25	50.18	32.84	7.79	7.88	2.6	3.07	91.2
1044	10/18/2010 8:46	12.99	50.21	32.85	7.82	7.87	3.5	3.12	91.1
1045	10/18/2010 9:01	12.93	50.21	32.85	7.87	7.87	2.9	3.18	91.5
1046	10/18/2010 9:16	12.67	50.23	32.85	7.88	7.86	2.5	3.23	91.2
1047	10/18/2010 9:31	12.55	50.28	32.88	7.91	7.85	1.5	3.27	91.2
1048	10/18/2010 9:46	12.48	50.30	32.89	7.91	7.85	1.2	3.31	91.1
1049	10/18/2010 10:01	12.44	50.38	32.96	7.89	7.85	0.7	3.33	90.9
1050	10/18/2010 10:16	12.63	50.26	32.87	7.81	7.86	1.1	3.33	90.3
1051	10/18/2010 10:31	12.44	50.30	32.89	7.80	7.85	0.9	3.31	89.8
1052	10/18/2010 10:46	12.47	50.23	32.85	7.78	7.85	0.7	3.29	89.6
1053	10/18/2010 11:01	12.80	50.27	32.89	7.76	7.86	1.3	3.23	90.0
1054	10/18/2010 11:16	13.07	50.18	32.83	7.91	7.88	2.1	3.17	92.3
1055	10/18/2010 11:31	13.32	50.30	32.93	8.05	7.90	2.3	3.10	94.4
1056	10/18/2010 11:46	13.35	50.15	32.83	8.14	7.90	2.1	3.03	95.5
1057	10/18/2010 12:01	13.44	50.77	33.28	8.12	7.91	2.4	2.94	95.7
1058	10/18/2010 12:16	13.63	50.18	32.85	8.23	7.93	2.3	2.87	97.1
1059	10/18/2010 12:31	13.79	50.03	32.75	8.19	7.93	2.0	2.78	96.9

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	
1060	10/18/2010 12:46	13.95	50.26	32.92	8.27	7.94	2.1	2.71	98.3
1061	10/18/2010 13:01	14.14	50.24	32.91	8.39	7.95	1.5	2.64	100.0
1062	10/18/2010 13:16	14.22	50.16	32.85	8.47	7.96	1.5	2.55	101.1
1063	10/18/2010 13:31	14.32	50.20	32.89	8.68	7.97	1.7	2.48	103.9
1064	10/18/2010 13:46	14.33	50.21	32.90	8.67	7.98	1.9	2.40	103.8
1065	10/18/2010 14:01	14.37	50.22	32.91	8.76	7.99	1.0	2.32	105.0
1066	10/18/2010 14:16	14.41	50.22	32.91	8.86	7.99	1.3	2.25	106.3
1067	10/18/2010 14:31	14.49	50.90	33.41	8.83	8.00	0.9	2.17	106.4
1068	10/18/2010 14:46	14.52	50.17	32.88	8.92	8.00	0.7	2.12	107.1
1069	10/18/2010 15:01	14.54	50.16	32.87	8.88	8.00	0.8	2.05	106.8
1070	10/18/2010 15:16	14.55	50.13	32.84	8.87	8.00	0.4	2.01	106.7
1071	10/18/2010 15:31	14.58	50.13	32.85	8.67	8.00	0.9	1.99	104.3
1072	10/18/2010 15:46	14.69	50.01	32.76	9.27	8.02	0.7	1.96	111.7
1073	10/18/2010 16:01	14.59	50.22	32.91	9.08	8.01	0.7	1.97	109.3
1074	10/18/2010 16:16	14.62	50.10	32.82	9.06	8.01	0.5	1.96	109.1
1075	10/18/2010 16:31	14.58	50.17	32.87	9.04	8.00	0.7	2.02	108.7
1076	10/18/2010 16:46	14.63	50.16	32.87	9.04	8.01	1.0	2.04	108.9
1077	10/18/2010 17:01	14.62	50.21	32.90	9.03	8.01	0.7	2.08	108.8
1078	10/18/2010 17:16	14.65	50.20	32.90	9.05	8.01	0.5	2.15	109.0
1079	10/18/2010 17:31	14.64	50.13	32.85	8.91	8.01	1.2	2.20	107.2
1080	10/18/2010 17:46	14.71	50.11	32.83	8.73	8.00	2.3	2.26	105.2
1081	10/18/2010 18:01	14.58	50.21	32.91	8.70	7.99	1.8	2.33	104.7
1082	10/18/2010 18:16	14.50	50.13	32.84	8.68	7.98	1.5	2.39	104.2
1083	10/18/2010 18:31	14.45	50.20	32.89	8.62	7.98	1.3	2.45	103.4
1084	10/18/2010 18:46	14.41	50.16	32.86	8.58	7.97	1.2	2.50	102.9
1085	10/18/2010 19:01	14.35	51.05	33.51	8.47	7.96	1.1	2.57	101.9
1086	10/18/2010 19:16	14.09	50.14	32.84	8.21	7.93	0.7	2.63	97.8
1087	10/18/2010 19:31	13.97	50.16	32.85	8.13	7.92	0.8	2.69	96.5
1088	10/18/2010 19:46	13.87	50.20	32.88	8.06	7.92	0.9	2.75	95.6
1089	10/18/2010 20:01	13.83	50.15	32.84	8.01	7.92	0.9	2.80	94.9
1090	10/18/2010 20:16	13.75	50.21	32.88	7.98	7.91	0.9	2.86	94.4
1091	10/18/2010 20:31	13.64	50.21	32.88	7.96	7.90	0.8	2.91	93.9
1092	10/18/2010 20:46	13.51	50.24	32.90	7.93	7.90	0.6	2.96	93.3
1093	10/18/2010 21:01	13.35	50.26	32.90	7.93	7.89	0.7	3.01	93.0
1094	10/18/2010 21:16	13.30	50.16	32.83	7.90	7.89	0.5	3.05	92.5
1095	10/18/2010 21:31	13.21	50.25	32.89	7.91	7.88	0.3	3.09	92.5
1096	10/18/2010 21:46	13.16	50.24	32.88	7.89	7.88	0.2	3.13	92.3
1097	10/18/2010 22:01	13.15	50.25	32.89	7.86	7.88	0.3	3.14	91.8
1098	10/18/2010 22:16	13.22	50.28	32.91	7.77	7.88	0.4	3.15	90.9
1099	10/18/2010 22:31	13.12	50.88	33.35	7.77	7.87	0.1	3.14	91.0
1100	10/18/2010 22:46	13.09	51.33	33.67	7.76	7.87	0.2	3.12	91.0
1101	10/18/2010 23:01	13.15	50.32	32.94	7.79	7.88	0.2	3.08	91.1
1102	10/18/2010 23:16	13.29	50.97	33.42	7.76	7.88	1.0	3.02	91.3
1103	10/18/2010 23:31	13.68	50.19	32.87	7.74	7.92	2.4	2.96	91.4
1104	10/18/2010 23:46	13.72	50.23	32.90	7.91	7.95	2.7	2.89	93.5
1105	10/19/2010 0:01	13.79	50.36	32.99	7.89	7.94	2.6	2.81	93.5
1106	10/19/2010 0:16	13.79	50.22	32.89	7.80	7.93	2.7	2.72	92.3
1107	10/19/2010 0:31	13.79	50.28	32.93	7.89	7.92	2.4	2.64	93.5
1108	10/19/2010 0:46	13.82	50.25	32.91	7.83	7.93	2.3	2.57	92.8
1109	10/19/2010 1:01	13.92	50.25	32.91	8.08	7.94	2.4	2.49	96.0
1110	10/19/2010 1:16	13.97	50.16	32.85	8.18	7.96	2.3	2.41	97.1
1111	10/19/2010 1:31	13.97	50.09	32.80	8.27	7.96	2.1	2.33	98.2
1112	10/19/2010 1:46	13.92	50.20	32.88	8.22	7.96	2.3	2.25	97.6

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	
1113	10/19/2010 2:01	13.90	51.20	33.61	8.15	7.96	1.8	2.19	97.1
1114	10/19/2010 2:16	13.84	50.75	33.28	8.07	7.97	1.9	2.10	95.9
1115	10/19/2010 2:31	13.85	50.24	32.91	8.17	7.96	1.6	2.03	96.9
1116	10/19/2010 2:46	13.86	50.47	33.07	8.15	7.95	1.3	1.98	96.7
1117	10/19/2010 3:01	13.95	50.24	32.91	8.26	7.97	2.5	1.91	98.1
1118	10/19/2010 3:16	14.01	50.53	33.12	8.34	7.98	1.5	1.87	99.4
1119	10/19/2010 3:31	14.10	51.02	33.48	8.38	8.00	1.3	1.84	100.3
1120	10/19/2010 3:46	14.17	51.35	33.73	8.46	8.01	0.7	1.83	101.5
1121	10/19/2010 4:01	14.16	51.31	33.70	8.54	8.03	0.5	1.82	102.3
1122	10/19/2010 4:16	14.19	51.17	33.59	8.56	8.01	1.8	1.84	102.6
1123	10/19/2010 4:31	14.20	51.20	33.62	8.67	8.02	0.8	1.88	104.0
1124	10/19/2010 4:46	14.28	51.28	33.68	8.78	8.04	0.7	1.92	105.5
1125	10/19/2010 5:01	14.27	50.79	33.32	8.77	8.04	5.3	1.98	105.1
1126	10/19/2010 5:16	14.22	51.35	33.73	8.67	8.02	1.2	2.04	104.1
1127	10/19/2010 5:31	14.14	51.28	33.67	8.40	8.00	1.9	2.11	100.7
1128	10/19/2010 5:46	14.07	51.22	33.63	8.19	7.98	2.8	2.18	98.0
1129	10/19/2010 6:01	14.05	51.25	33.65	8.15	7.97	2.6	2.26	97.5
1130	10/19/2010 6:16	13.99	51.28	33.67	8.12	7.96	1.9	2.32	97.0
1131	10/19/2010 6:31	13.97	51.19	33.60	8.10	7.96	2.0	2.40	96.7
1132	10/19/2010 6:46	13.95	51.30	33.68	8.08	7.95	1.6	2.47	96.4
1133	10/19/2010 7:01	13.87	51.31	33.69	7.97	7.94	2.0	2.54	95.1
1134	10/19/2010 7:16	13.73	51.31	33.69	7.87	7.92	2.0	2.62	93.6
1135	10/19/2010 7:31	13.67	51.32	33.69	7.84	7.92	2.4	2.69	93.1
1136	10/19/2010 7:46	13.58	51.32	33.69	7.83	7.91	16.5	2.77	92.8
1137	10/19/2010 8:01	13.41	50.31	32.94	7.81	7.90	6.2	2.84	91.8
1138	10/19/2010 8:16	13.25	51.35	33.69	7.71	7.89	3.5	2.92	90.7
1139	10/19/2010 8:31	13.19	51.34	33.69	7.67	7.88	3.1	2.99	90.1
1140	10/19/2010 8:46	13.04	50.96	33.40	7.71	7.87	4.2	3.08	90.1
1141	10/19/2010 9:01	12.72	51.37	33.68	7.68	7.86	5.3	3.14	89.4
1142	10/19/2010 9:16	12.48	51.40	33.70	7.66	7.85	5.1	3.21	88.8
1143	10/19/2010 9:31	12.33	51.43	33.71	7.64	7.85	4.6	3.28	88.3
1144	10/19/2010 9:46	12.17	51.11	33.47	7.67	7.85	2.9	3.34	88.1
1145	10/19/2010 10:01	12.01	51.47	33.73	7.68	7.84	3.3	3.39	88.1
1146	10/19/2010 10:16	11.90	51.46	33.71	7.69	7.84		3.42	88.0
1147	10/19/2010 10:31	11.84	50.18	32.78	7.72	7.84	0.7	3.45	87.8
1148	10/19/2010 10:46	12.19	51.48	33.75	7.66	7.84	1.1	3.46	88.2
1149	10/19/2010 11:01	11.81	51.50	33.74	7.62	7.83	0.9	3.44	87.1
1150	10/19/2010 11:16	11.84	51.16	33.49	7.66	7.83	1.7	3.40	87.4
1151	10/19/2010 11:31	12.00	51.48	33.74	7.70	7.84	1.9	3.35	88.3
1152	10/19/2010 11:46	12.53	51.39	33.69	7.91	7.87	2.4	3.30	91.7
1153	10/19/2010 12:01	12.79	51.40	33.71	8.09	7.89	2.8	3.21	94.3
1154	10/19/2010 12:16	12.98	51.35	33.69	8.27	7.91	3.1	3.13	96.7
1155	10/19/2010 12:31	13.18	51.36	33.70	8.59	7.93		3.04	101.0
1156	10/19/2010 12:46	13.41	51.37	33.71	8.55	7.95	2.3	2.94	100.9
1157	10/19/2010 13:01	13.61	51.31	33.68	8.58	7.95	2.9	2.86	101.7
1158	10/19/2010 13:16	13.85	51.29	33.67	8.62	7.97	2.5	2.77	102.7
1159	10/19/2010 13:31	14.08	51.23	33.64	8.93	8.00	2.7	2.68	106.9
1160	10/19/2010 13:46	14.20	50.19	32.88	9.11	8.01	2.3	2.59	108.8
1161	10/19/2010 14:01	14.32	50.29	32.95	9.39	8.04	2.3	2.49	112.4
1162	10/19/2010 14:16	14.42	50.16	32.86	9.54	8.05	2.1	2.41	114.4
1163	10/19/2010 14:31	14.34	50.13	32.84	9.15	8.02	1.6	2.32	109.5
1164	10/19/2010 14:46	14.41	51.22	33.64	9.31	8.04	1.8	2.22	112.1
1165	10/19/2010 15:01	14.44	51.24	33.65	9.44	8.04	1.5	2.14	113.8

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	
1166	10/19/2010 15:16	14.47	51.24	33.66	9.34	8.03	2.7	2.06	112.7
1167	10/19/2010 15:31	14.53	50.98	33.47	9.42	8.04	1.4	1.99	113.6
1168	10/19/2010 15:46	14.58	50.19	32.89	9.47	8.04	0.8	1.91	113.9
1169	10/19/2010 16:01	14.61	50.25	32.94	9.55	8.05	1.3	1.86	115.0
1170	10/19/2010 16:16	14.66	50.62	33.21	9.59	8.06	2.1	1.83	115.8
1171	10/19/2010 16:31	14.75	50.32	32.99	9.89	8.07	2.0	1.82	119.4
1172	10/19/2010 16:46	14.65	50.29	32.97	9.68	8.05	0.9	1.82	116.7
1173	10/19/2010 17:01	14.66	50.15	32.86	9.70	8.05	1.3	1.83	116.8
1174	10/19/2010 17:16	14.65	50.42	33.06	9.52	8.05	0.9	1.87	114.8
1175	10/19/2010 17:31	14.65	50.66	33.24	9.52	8.05	1.5	1.93	115.0
1176	10/19/2010 17:46	14.76	50.16	32.87	9.61	8.08	1.7	1.97	116.0
1177	10/19/2010 18:01	14.70	50.89	33.41	9.42	8.06	1.4	2.05	114.0
1178	10/19/2010 18:16	14.74	50.18	32.89	9.13	8.04	3.4	2.13	110.3
1179	10/19/2010 18:31	14.70	50.10	32.83	9.00	8.02	3.5	2.20	108.4
1180	10/19/2010 18:46	14.60	50.43	33.07	9.02	8.02	2.4	2.25	108.7
1181	10/19/2010 19:01	14.56	50.04	32.78	8.97	8.02	1.8	2.33	107.9
1182	10/19/2010 19:16	14.53	50.93	33.43	8.85	8.01	1.8	2.41	106.8
1183	10/19/2010 19:31	14.34	50.96	33.45	8.76	7.99	1.8	2.47	105.2
1184	10/19/2010 19:46	14.18	50.88	33.38	8.49	7.97	1.6	2.54	101.7
1185	10/19/2010 20:01	14.08	50.96	33.44	8.36	7.96	1.3	2.61	99.9
1186	10/19/2010 20:16	14.03	50.96	33.44	8.31	7.95	1.2	2.67	99.2
1187	10/19/2010 20:31	13.93	50.98	33.45	8.26	7.94	1.5	2.74	98.5
1188	10/19/2010 20:46	13.77	50.97	33.43	8.12	7.93	1.5	2.80	96.4
1189	10/19/2010 21:01	13.62	50.57	33.14	8.10	7.92	1.6	2.86	95.8
1190	10/19/2010 21:16	13.50	50.88	33.36	8.06	7.91	1.3	2.93	95.1
1191	10/19/2010 21:31	13.44	50.83	33.32	8.02	7.90	1.6	2.98	94.5
1192	10/19/2010 21:46	13.35	50.22	32.87	8.02	7.90	1.8	3.04	94.2
1193	10/19/2010 22:01	13.15	50.32	32.94	7.98	7.89	1.6	3.10	93.3
1194	10/19/2010 22:16	13.00	51.11	33.51	7.68	7.88	1.5	3.14	89.9
1195	10/19/2010 22:31	12.87	50.07	32.75	7.79	7.89	1.6	3.19	90.4
1196	10/19/2010 22:46	12.84	50.89	33.34	7.76	7.88	0.8	3.20	90.4
1197	10/19/2010 23:01	13.02	50.87	33.34	7.76	7.89	1.3	3.22	90.7
1198	10/19/2010 23:16	12.90	50.20	32.84	7.80	7.87	0.8	3.22	90.7
1199	10/19/2010 23:31	12.74	50.45	33.02	7.79	7.87	0.5	3.20	90.3
1200	10/19/2010 23:46	12.87	51.06	33.47	7.81	7.87	1.7	3.15	91.0
1201	10/20/2010 0:01	13.20	50.43	33.02	7.84	7.90	1.6	3.10	91.8
1202	10/20/2010 0:16	13.49	50.30	32.94	7.72	7.90	2.1	3.04	90.9
1203	10/20/2010 0:31	13.61	51.01	33.46	7.79	7.92	3.2	2.96	92.3
1204	10/20/2010 0:46	13.64	50.20	32.87	7.86	7.92	3.2	2.89	92.7
1205	10/20/2010 1:01	13.67	50.03	32.74	7.88	7.92	2.6	2.80	92.9
1206	10/20/2010 1:16	13.77	50.26	32.91	7.80	7.92	2.7	2.72	92.3
1207	10/20/2010 1:31	13.90	50.88	33.38	8.06	7.94	2.9	2.64	95.9
1208	10/20/2010 1:46	13.87	50.83	33.34	7.98	7.93	2.5	2.57	94.9
1209	10/20/2010 2:01	13.98	50.44	33.06	8.02	7.95	3.0	2.48	95.4
1210	10/20/2010 2:16	14.00	50.15	32.85	8.04	7.95	2.3	2.41	95.5
1211	10/20/2010 2:31	13.87	50.73	33.26	8.03	7.95	2.1	2.32	95.4
1212	10/20/2010 2:46	13.91	51.08	33.52	8.14	7.96	1.9	2.25	97.0
1213	10/20/2010 3:01	13.78	50.29	32.94	8.09	7.95	1.9	2.18	95.8
1214	10/20/2010 3:16	13.75	51.06	33.50	8.12	7.94	1.5	2.10	96.4
1215	10/20/2010 3:31	13.88	50.09	32.80	8.16	7.96	1.4	2.05	96.7
1216	10/20/2010 3:46	13.98	50.09	32.80	8.28	7.97	1.2	1.98	98.3
1217	10/20/2010 4:01	14.03	50.06	32.78	8.33	7.98	1.0	1.96	99.0
1218	10/20/2010 4:16	14.16	50.12	32.82	8.48	8.00	0.9	1.94	101.1

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	
1219	10/20/2010 4:31	14.33	50.09	32.81	8.71	8.03	0.7	1.92	104.2
1220	10/20/2010 4:46	14.33	50.13	32.84	8.68	8.03	0.7	1.93	103.9
1221	10/20/2010 5:01	14.33	51.07	33.53	8.62	8.05	36.2	1.95	103.6
1222	10/20/2010 5:16	14.27	51.31	33.70	8.66	8.02		1.99	104.1
1223	10/20/2010 5:31	14.38	50.73	33.28	8.80	8.04	1.0	2.04	105.7
1224	10/20/2010 5:46	14.34	51.05	33.51	8.74	8.04	1.2	2.10	105.1
1225	10/20/2010 6:01	14.30	50.15	32.85	8.66	8.02	1.7	2.18	103.6
1226	10/20/2010 6:16	14.21	50.94	33.43	8.33	8.00	2.9	2.24	99.9
1227	10/20/2010 6:31	14.17	50.19	32.88	8.35	7.99	2.6	2.32	99.6
1228	10/20/2010 6:46	14.07	50.89	33.39	8.23	7.98	2.1	2.40	98.3
1229	10/20/2010 7:01	14.03	50.97	33.44	8.20	7.97	1.7	2.48	97.9
1230	10/20/2010 7:16	14.01	50.49	33.09	8.19	7.96	1.9	2.55	97.6
1231	10/20/2010 7:31	13.85	50.13	32.83	8.11	7.94	2.0	2.62	96.1
1232	10/20/2010 7:46	13.69	50.74	33.27	8.02	7.93	2.2	2.69	95.0
1233	10/20/2010 8:01	13.65	51.03	33.47	7.97	7.93	2.6	2.77	94.4
1234	10/20/2010 8:16	13.56	50.02	32.73	7.99	7.92	2.5	2.85	94.1
1235	10/20/2010 8:31	13.35	50.19	32.85	7.88	7.90	3.0	2.93	92.5
1236	10/20/2010 8:46	13.16	50.21	32.86	7.85	7.89	2.9	3.01	91.7
1237	10/20/2010 9:01	13.06	50.98	33.42	7.79	7.88	3.3	3.08	91.2
1238	10/20/2010 9:16	12.87	50.52	33.07	7.78	7.88	4.3	3.17	90.5
1239	10/20/2010 9:31	12.49	50.22	32.84	7.76	7.86	4.7	3.24	89.5
1240	10/20/2010 9:46	12.28	51.15	33.51	7.73	7.87	4.5	3.32	89.1
1241	10/20/2010 10:01	11.99	50.27	32.85	7.76	7.84	4.8	3.38	88.6
1242	10/20/2010 10:16	11.83	51.30	33.59	7.75	7.84	3.0	3.44	88.5
1243	10/20/2010 10:31	11.68	50.28	32.84	7.79	7.84	2.3	3.49	88.2
1244	10/20/2010 10:46	11.64	50.32	32.87	7.70	7.84	1.2	3.52	87.2
1245	10/20/2010 11:01	11.54	50.40	32.93	7.67	7.83	0.5	3.54	86.6
1246	10/20/2010 11:16	11.83	51.08	33.43	7.68	7.85	1.3	3.55	87.6
1247	10/20/2010 11:31	11.62	51.43	33.68	7.62	7.84	1.2	3.52	86.6
1248	10/20/2010 11:46	11.64	51.41	33.66	7.63	7.83	1.2	3.48	86.8
1249	10/20/2010 12:01	11.91	51.43	33.69	7.70	7.85	2.0	3.44	88.1
1250	10/20/2010 12:16	12.64	50.49	33.04	8.08	7.89	1.7	3.36	93.5
1251	10/20/2010 12:31	12.77	50.14	32.79	8.22	7.91	4.0	3.26	95.2
1252	10/20/2010 12:46	12.77	51.00	33.42	8.20	7.91	3.2	3.17	95.4
1253	10/20/2010 13:01	13.03	50.21	32.85	8.20	7.92	3.2	3.08	95.5
1254	10/20/2010 13:16	13.08	50.23	32.87	8.13	7.92	3.0	2.98	94.9
1255	10/20/2010 13:31	13.32	51.03	33.46	8.22	7.93	3.2	2.88	96.8
1256	10/20/2010 13:46	13.66	50.05	32.76	8.42	7.96	2.7	2.79	99.4
1257	10/20/2010 14:01	13.86	50.11	32.81	8.53	7.98	2.4	2.69	101.0
1258	10/20/2010 14:16	13.90	50.21	32.88	8.68	7.98	3.1	2.58	103.0
1259	10/20/2010 14:31	14.01	51.05	33.50	8.81	8.00	2.6	2.47	105.2
1260	10/20/2010 14:46	14.12	50.10	32.81	9.09	8.02	2.1	2.38	108.4
1261	10/20/2010 15:01	14.08	50.87	33.37	9.06	8.02	1.8	2.27	108.2
1262	10/20/2010 15:16	14.09	50.33	32.98	9.20	8.02	2.1	2.18	109.6
1263	10/20/2010 15:31	14.15	50.10	32.81	9.33	8.04	1.6	2.07	111.2
1264	10/20/2010 15:46	14.21	50.11	32.82	9.38	8.03	1.4	1.98	112.0
1265	10/20/2010 16:01	14.23	50.15	32.85	9.44	8.05	1.0	1.89	112.8
1266	10/20/2010 16:16	14.33	50.14	32.85	9.43	8.05	1.0	1.80	112.8
1267	10/20/2010 16:31	14.39	50.16	32.86	9.53	8.06	1.1	1.75	114.2
1268	10/20/2010 16:46	14.45	50.04	32.78	9.55	8.07	0.7	1.71	114.5
1269	10/20/2010 17:01	14.51	50.88	33.39	9.28	8.06	0.5	1.67	111.8
1270	10/20/2010 17:16	14.54	50.27	32.95	9.63	8.08	1.2	1.65	115.8
1271	10/20/2010 17:31	14.38	50.10	32.82	9.69	8.07	1.0	1.67	116.1

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	
1272	10/20/2010 17:46	14.47	50.17	32.87	9.44	8.06	1.1	1.71	113.3
1273	10/20/2010 18:01	14.40	50.08	32.80	9.42	8.05	2.1	1.73	112.8
1274	10/20/2010 18:16	14.44	50.19	32.89	9.29	8.05	2.0	1.79	111.4
1275	10/20/2010 18:31	14.46	50.92	33.42	9.20	8.06	2.0	1.87	110.8
1276	10/20/2010 18:46	14.48	50.03	32.77	9.17	8.06	2.7	1.95	110.0
1277	10/20/2010 19:01	14.44	50.89	33.40	8.97	8.06	3.7	2.02	108.0
1278	10/20/2010 19:16	14.45	50.08	32.81	8.86	8.06	4.3	2.11	106.3
1279	10/20/2010 19:31	14.32	50.52	33.12	8.85	8.04	3.4	2.20	106.1
1280	10/20/2010 19:46	14.29	50.25	32.93	8.83	8.03	3.3	2.26	105.7
1281	10/20/2010 20:01	14.24	50.83	33.35	8.79	8.03	2.6	2.34	105.4
1282	10/20/2010 20:16	14.20	50.10	32.81	8.79	8.02	2.4	2.43	104.9
1283	10/20/2010 20:31	14.10	50.08	32.79	8.60	8.00	2.6	2.50	102.4
1284	10/20/2010 20:46	14.03	50.99	33.46	8.42	7.98	2.3	2.56	100.5
1285	10/20/2010 21:01	13.97	50.41	33.03	8.33	7.97	2.2	2.65	99.0
1286	10/20/2010 21:16	13.84	50.12	32.82	8.30	7.96	2.5	2.72	98.3
1287	10/20/2010 21:31	13.67	50.79	33.30	8.18	7.94	2.2	2.78	96.8
1288	10/20/2010 21:46	13.55	50.98	33.44	8.10	7.93	2.8	2.86	95.7
1289	10/20/2010 22:01	13.43	50.15	32.83	8.08	7.92	2.6	2.93	95.0
1290	10/20/2010 22:16	13.29	50.21	32.87	8.05	7.91	3.1	3.01	94.3
1291	10/20/2010 22:31	13.16	50.16	32.82	8.02	7.91	3.1	3.04	93.7
1292	10/20/2010 22:46	12.92	50.19	32.83	8.02	7.89	3.4	3.10	93.3
1293	10/20/2010 23:01	12.88	50.13	32.79	7.94	7.89	2.8	3.17	92.3
1294	10/20/2010 23:16	12.62	50.28	32.89	7.95	7.88	2.3	3.21	91.8
1295	10/20/2010 23:31	12.52	50.19	32.82	7.93	7.88	2.0	3.24	91.4
1296	10/20/2010 23:46	12.55	50.25	32.86	7.85	7.88	0.8	3.26	90.6
1297	10/21/2010 0:01	12.63	50.17	32.81	7.79	7.88	0.6	3.26	90.0
1298	10/21/2010 0:16	12.51	50.18	32.81	7.87	7.87	1.2	3.24	90.8
1299	10/21/2010 0:31	12.72	51.02	33.43	7.76	7.88	2.3	3.19	90.2
1300	10/21/2010 0:46	13.15	50.08	32.77	7.73	7.91	3.4	3.15	90.3
1301	10/21/2010 1:01	13.56	51.02	33.46	7.67	7.93	4.3	3.08	90.7
1302	10/21/2010 1:16	13.52	50.09	32.78	7.78	7.92	3.7	3.00	91.5
1303	10/21/2010 1:31	13.45	50.78	33.28	7.78	7.90	3.5	2.92	91.7
1304	10/21/2010 1:46	13.51	51.13	33.54	7.86	7.93	4.8	2.82	93.0
1305	10/21/2010 2:01	13.57	50.48	33.07	7.95	7.93	3.5	2.74	93.8
1306	10/21/2010 2:16	13.67	50.28	32.93	7.97	7.94	3.3	2.66	94.1
1307	10/21/2010 2:31	13.72	50.47	33.07	7.82	7.94	3.8	2.58	92.6
1308	10/21/2010 2:46	13.81	50.93	33.41	7.90	7.96	2.8	2.50	93.9
1309	10/21/2010 3:01	13.78	50.95	33.42	7.94	7.96	3.0	2.43	94.3
1310	10/21/2010 3:16	13.66	50.35	32.98	7.95	7.95	2.4	2.35	94.0
1311	10/21/2010 3:31	13.62	50.95	33.42	7.92	7.95	2.8	2.27	93.8
1312	10/21/2010 3:46	13.53	51.31	33.68	7.89	7.96	39.6	2.21	93.4
1313	10/21/2010 4:01	13.61	50.37	32.99	7.91	7.97	1.8	2.15	93.3
1314	10/21/2010 4:16	13.59	51.00	33.45	7.89	7.95	1.6	2.08	93.3
1315	10/21/2010 4:31	13.74	50.36	32.99	8.00	7.97	1.2	2.03	94.7
1316	10/21/2010 4:46	13.81	50.16	32.85	8.07	7.98	1.2	2.01	95.6
1317	10/21/2010 5:01	13.98	50.45	33.06	8.26	8.01	1.8	2.00	98.3
1318	10/21/2010 5:16	14.00	50.97	33.44	8.28	8.01	0.9	1.99	98.8
1319	10/21/2010 5:31	14.00	50.90	33.39	8.27	8.01	0.7	2.01	98.6
1320	10/21/2010 5:46	13.99	50.36	33.00	8.30	8.01	0.7	2.06	98.8
1321	10/21/2010 6:01	14.06	50.34	32.99	8.38	8.02	0.9	2.09	99.9
1322	10/21/2010 6:16	14.05	50.30	32.96	8.36	8.02	1.2	2.17	99.6
1323	10/21/2010 6:31	14.01	50.14	32.84	8.34	8.01	1.7	2.24	99.1
1324	10/21/2010 6:46	13.93	50.07	32.78	8.18	8.00	2.4	2.29	97.1

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		
1325	10/21/2010 7:01	13.87	50.26	32.92	8.09	7.99	2.9	2.38	96.0
1326	10/21/2010 7:16	13.81	50.15	32.84	8.06	7.98	3.4	2.44	95.4
1327	10/21/2010 7:31	13.76	50.12	32.82	8.03	7.97	2.8	2.51	95.0
1328	10/21/2010 7:46	13.72	50.13	32.82	8.00	7.96	2.8	2.59	94.6
1329	10/21/2010 8:01	13.64	50.72	33.25	7.96	7.95	3.1	2.66	94.2
1330	10/21/2010 8:16	13.47	51.12	33.54	7.89	7.93	2.7	2.74	93.2
1331	10/21/2010 8:31	13.43	50.16	32.83	7.96	7.92	2.9	2.83	93.6
1332	10/21/2010 8:46	13.35	50.22	32.87	7.94	7.92	3.1	2.91	93.1
1333	10/21/2010 9:01	13.18	50.85	33.33	7.87	7.90	4.3	2.98	92.3
1334	10/21/2010 9:16	13.02	50.21	32.85	7.86	7.90	3.4	3.06	91.6
1335	10/21/2010 9:31	12.90	50.10	32.77	7.84	7.89	3.6	3.16	91.1
1336	10/21/2010 9:46	12.65	50.28	32.89	7.86	7.88	4.3	3.25	91.0
1337	10/21/2010 10:01	12.32	50.25	32.86	7.93	7.87	5.2	3.31	91.0
1338	10/21/2010 10:16	12.09	51.07	33.44	7.98	7.87	4.9	3.38	91.6
1339	10/21/2010 10:31	11.94	50.47	33.00	8.08	7.87	3.7	3.45	92.2
1340	10/21/2010 10:46	11.88	51.05	33.42	8.12	7.88	3.7	3.52	92.7
1341	10/21/2010 11:01	11.71	50.27	32.84	8.21	7.88	1.8	3.56	93.1
1342	10/21/2010 11:16	11.77	50.60	33.08	8.25	7.88	1.2	3.59	93.8
1343	10/21/2010 11:31	11.72	50.37	32.91	8.13	7.88	0.8	3.62	92.2
1344	10/21/2010 11:46	11.91	50.90	33.31	8.08	7.88	0.9	3.61	92.3
1345	10/21/2010 12:01	11.77	50.26	32.84	8.15	7.87	1.5	3.60	92.5
Mean		14.00	50.70	33.24	8.02	7.92	5.1	2.61	95.5
Minimum		11.01	49.75	32.59	5.76	7.83	0.0	0.99	70.1
Maximum		16.57	51.60	33.78	9.89	8.08	51.3	4.09	119.4

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	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
0	10/21/2010 12:31	11.77	50.78	33.21	8.43	7.95	3.7	3.53	95.9
1	10/21/2010 12:46	12.79	50.87	33.32	8.54	8.02	3.4	3.44	99.3
2	10/21/2010 13:01	12.78	50.84	33.31	8.61	8.01	4.1	3.34	100.1
3	10/21/2010 13:16	13.05	50.84	33.31	8.75	8.03	3.8	3.24	102.3
4	10/21/2010 13:31	13.17	50.92	33.38	8.72	8.04	3.1	3.14	102.2
5	10/21/2010 13:46	13.22	50.66	33.19	8.78	8.05	3.5	3.02	103.0
6	10/21/2010 14:01	13.46	50.82	33.31	9.02	8.12	2.7	2.91	106.3
7	10/21/2010 14:16	13.53	51.07	33.50	8.95	8.02	2.9	2.81	105.8
8	10/21/2010 14:31	13.68	50.87	33.36	9.14	8.08	2.9	2.70	108.3
9	10/21/2010 14:46	13.71	50.91	33.39	9.08	8.09	4.6	2.59	107.6
10	10/21/2010 15:01	13.73	50.98	33.44	9.12	8.10	4.3	2.49	108.2
11	10/21/2010 15:16	13.82	50.88	33.37	9.39	8.12	4.9	2.35	111.5
12	10/21/2010 15:31	13.86	50.66	33.21	9.57	8.13	4.7	2.25	113.7
13	10/21/2010 15:46	13.88	51.03	33.49	9.63	8.14	4.0	2.13	114.6
14	10/21/2010 16:01	13.87	50.65	33.20	9.72	8.14	4.0	2.02	115.5
15	10/21/2010 16:16	13.89	51.00	33.46	9.70	8.15	4.0	1.91	115.5
16	10/21/2010 16:31	13.90	51.06	33.51	9.47	8.13	3.5	1.80	112.8
17	10/21/2010 16:46	13.97	50.72	33.26	9.41	8.14	4.0	1.71	112.1
18	10/21/2010 17:01	14.01	50.78	33.30	9.29	8.14	5.1	1.64	110.7
19	10/21/2010 17:16	14.09	51.07	33.52	9.26	8.15	3.5	1.58	110.8
20	10/21/2010 17:31	14.12	50.77	33.30	9.22	8.15	3.7	1.54	110.2
21	10/21/2010 17:46	14.12	50.80	33.32	9.26	8.14	3.5	1.53	110.7
22	10/21/2010 18:01	14.10	50.71	33.26	9.30	8.15	3.8	1.53	111.1
23	10/21/2010 18:16	14.08	50.85	33.36	9.27	8.14	3.9	1.54	110.8
24	10/21/2010 18:31	14.06	50.59	33.17	9.26	8.14	3.5	1.61	110.4
25	10/21/2010 18:46	14.15	51.02	33.48	9.26	8.15	2.7	1.67	110.8
26	10/21/2010 19:01	14.16	50.90	33.40	9.28	8.16	2.4	1.75	111.1
27	10/21/2010 19:16	14.16	50.82	33.34	9.12	8.15	3.6	1.82	109.1
28	10/21/2010 19:31	14.20	50.81	33.34	8.89	8.13	5.0	1.92	106.4
29	10/21/2010 19:46	14.13	50.67	33.22	8.94	8.13	4.1	2.00	106.8
30	10/21/2010 20:01	14.06	50.69	33.24	8.96	8.12	3.4	2.07	106.9
31	10/21/2010 20:16	14.04	50.80	33.32	8.96	8.11	3.1	2.17	106.9
32	10/21/2010 20:31	14.01	50.99	33.46	8.94	8.11	2.9	2.25	106.8
33	10/21/2010 20:46	13.93	51.05	33.50	8.89	8.10	3.2	2.33	105.9
34	10/21/2010 21:01	13.86	50.92	33.40	8.78	8.13	3.1	2.42	104.5
35	10/21/2010 21:16	13.78	50.97	33.43	8.68	8.08	2.8	2.50	103.2
36	10/21/2010 21:31	13.78	51.12	33.54	8.65	8.02	4.0	2.58	102.8
37	10/21/2010 21:46	13.76	50.82	33.33	8.66	8.11	3.8	2.67	102.8
38	10/21/2010 22:01	13.68	50.68	33.22	8.61	8.06	3.7	2.75	102.0
39	10/21/2010 22:16	13.50	50.87	33.35	8.54	8.04	3.7	2.83	100.8
40	10/21/2010 22:31	13.37	51.19	33.58	8.46	7.98	4.2	2.90	99.7
41	10/21/2010 22:46	13.20	51.24	33.61	8.43	7.97	4.5	2.98	99.1
42	10/21/2010 23:01	13.03	51.28	33.64	8.41	7.96	5.1	3.05	98.5
43	10/21/2010 23:16	12.75	51.30	33.63	8.43	7.95	4.8	3.11	98.1
44	10/21/2010 23:31	12.51	51.26	33.60	8.47	7.94	4.1	3.18	98.1
45	10/21/2010 23:46	12.40	51.17	33.53	8.51	7.94	3.6	3.25	98.3
46	10/22/2010 0:01	12.24	50.88	33.31	8.56	8.04	3.2	3.28	98.4
47	10/22/2010 0:16	12.26	51.34	33.64	8.49	7.94	1.6	3.31	97.8
48	10/22/2010 0:31	12.40	51.37	33.68	8.47	7.94	2.1	3.33	98.0
49	10/22/2010 0:46	12.34	51.36	33.66	8.43	7.93	2.1	3.33	97.4
50	10/22/2010 1:01	12.19	51.42	33.70	8.55	7.94	2.3	3.30	98.4
51	10/22/2010 1:16	12.27	51.37	33.67	8.46	7.93	2.6	3.25	97.6
52	10/22/2010 1:31	12.68	51.14	33.52	8.26	7.94	3.8	3.19	96.0

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	
53	10/22/2010 1:46	13.06	50.90	33.36	8.11	8.04	4.4	3.11	94.9
54	10/22/2010 2:01	13.13	50.99	33.43	8.12	8.00	4.7	3.02	95.2
55	10/22/2010 2:16	13.24	50.83	33.31	8.13	8.01	4.2	2.94	95.4
56	10/22/2010 2:31	13.32	51.23	33.61	8.14	8.01	3.5	2.86	95.9
57	10/22/2010 2:46	13.42	51.17	33.57	7.97	8.00	3.8	2.77	94.0
58	10/22/2010 3:01	13.54	51.09	33.52	8.00	8.02	3.3	2.69	94.6
59	10/22/2010 3:16	13.57	51.14	33.55	7.89	8.02	3.2	2.61	93.4
60	10/22/2010 3:31	13.59	51.30	33.67	7.85	8.02	3.1	2.54	93.1
61	10/22/2010 3:46	13.63	51.24	33.63	7.81	8.02	3.2	2.46	92.6
62	10/22/2010 4:01	13.63	51.39	33.74	7.96	8.02	3.1	2.39	94.4
63	10/22/2010 4:16	13.65	51.12	33.54	7.97	8.03	2.9	2.33	94.4
64	10/22/2010 4:31	13.62	51.33	33.70	7.90	8.02	2.9	2.26	93.7
65	10/22/2010 4:46	13.51	51.32	33.69	7.74	8.00	3.2	2.21	91.6
66	10/22/2010 5:01	13.55	51.29	33.66	7.84	8.02	2.4	2.16	92.9
67	10/22/2010 5:16	13.52	51.21	33.61	7.89	8.01	2.3	2.13	93.3
68	10/22/2010 5:31	13.54	51.26	33.64	7.88	8.02	1.8	2.14	93.3
69	10/22/2010 5:46	13.52	51.02	33.46	7.80	8.01	2.4	2.12	92.1
70	10/22/2010 6:01	13.58	51.36	33.72	7.89	8.02	2.3	2.13	93.5
71	10/22/2010 6:16	13.63	51.09	33.52	7.97	8.03	2.4	2.16	94.4
72	10/22/2010 6:31	13.71	51.13	33.55	8.20	8.06	2.1	2.21	97.3
73	10/22/2010 6:46	13.71	51.37	33.73	8.19	8.05	2.3	2.27	97.3
74	10/22/2010 7:01	13.70	51.06	33.50	8.22	8.05	2.9	2.32	97.5
75	10/22/2010 7:16	13.65	51.27	33.65	8.14	7.99	3.6	2.40	96.6
76	10/22/2010 7:31	13.59	51.22	33.62	8.09	7.98	3.7	2.48	95.9
77	10/22/2010 7:46	13.53	51.17	33.57	8.04	7.97	3.8	2.55	95.2
78	10/22/2010 8:01	13.51	51.01	33.45	8.08	7.97	2.8	2.62	95.4
79	10/22/2010 8:16	13.50	51.35	33.70	8.11	7.97	2.9	2.70	95.9
80	10/22/2010 8:31	13.30	51.22	33.60	8.19	7.96	2.9	2.78	96.4
81	10/22/2010 8:46	13.22	51.05	33.48	8.21	8.05	3.0	2.86	96.5
82	10/22/2010 9:01	13.18	51.41	33.74	8.23	7.95	3.0	2.94	96.8
83	10/22/2010 9:16	13.09	50.95	33.40	8.26	8.05	3.5	3.01	96.8
84	10/22/2010 9:31	12.89	51.05	33.46	8.28	8.04	4.1	3.12	96.6
85	10/22/2010 9:46	12.75	51.01	33.43	8.33	8.04	3.9	3.19	96.9
86	10/22/2010 10:01	12.62	51.31	33.64	8.36	8.04	3.8	3.26	97.1
87	10/22/2010 10:16	12.33	51.21	33.55	8.48	7.93	5.5	3.37	97.8
88	10/22/2010 10:31	12.04	51.04	33.42	8.67	8.05	4.8	3.45	99.3
89	10/22/2010 10:46	11.76	51.47	33.72	8.81	7.95	4.5	3.50	100.5
90	10/22/2010 11:01	11.63	51.17	33.49	8.93	7.95	3.5	3.59	101.5
91	10/22/2010 11:16	11.51	51.45	33.69	9.02	7.96	2.4	3.63	102.3
92	10/22/2010 11:31	11.48	51.33	33.60	9.07	7.96	1.9	3.68	102.8
93	10/22/2010 11:46	11.42	51.30	33.57	9.08	7.96	1.0	3.71	102.8
94	10/22/2010 12:01	11.64	51.15	33.48	8.96	8.06	1.0	3.70	101.8
95	10/22/2010 12:16	11.58	51.16	33.48	8.95	8.06	1.2	3.70	101.6
96	10/22/2010 12:31	11.41	51.16	33.47	9.04	8.07	0.8	3.67	102.3
97	10/22/2010 12:46	11.46	51.29	33.57	9.01	8.06	1.8	3.62	102.1
98	10/22/2010 13:01	11.83	51.28	33.58	9.06	8.07	2.6	3.53	103.5
99	10/22/2010 13:16	12.35	51.51	33.77	9.33	7.99	3.7	3.47	107.9
100	10/22/2010 13:31	12.59	50.86	33.31	9.47	8.10	3.5	3.36	109.7
101	10/22/2010 13:46	12.64	51.34	33.66	9.43	8.06	2.6	3.25	109.5
102	10/22/2010 14:01	12.92	50.94	33.38	9.20	8.00	3.8	3.14	107.3
103	10/22/2010 14:16	13.10	51.07	33.48	9.01	8.09	3.8	3.03	105.6
104	10/22/2010 14:31	13.29	51.13	33.54	9.12	8.06	3.2	2.93	107.4
105	10/22/2010 14:46	13.59	51.04	33.48	9.19	8.08	2.6	2.82	108.7

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	
106	10/22/2010 15:01	13.60	51.30	33.67	9.18	8.07	3.1	2.70	108.8
107	10/22/2010 15:16	13.79	51.26	33.65	9.46	8.09	3.4	2.58	112.5
108	10/22/2010 15:31	13.86	51.07	33.51	9.35	8.10	3.5	2.46	111.3
109	10/22/2010 15:46	13.79	51.34	33.71	9.40	8.10	3.7	2.34	111.8
110	10/22/2010 16:01	13.70	51.16	33.58	9.41	8.10	3.7	2.22	111.7
111	10/22/2010 16:16	13.61	51.30	33.68	9.47	8.10	2.9	2.08	112.2
112	10/22/2010 16:31	13.73	51.30	33.68	9.49	8.11	4.6	1.94	112.8
113	10/22/2010 16:46	13.79	50.93	33.41	9.38	8.10	3.5	1.85	111.4
114	10/22/2010 17:01	13.86	50.93	33.41	9.28	8.11	3.3	1.72	110.3
115	10/22/2010 17:16	13.96	51.11	33.54	9.26	8.12	3.2	1.60	110.4
116	10/22/2010 17:31	14.04	51.25	33.65	9.18	8.11	2.9	1.52	109.7
117	10/22/2010 17:46	14.09	51.35	33.72	9.17	8.11	2.7	1.47	109.8
118	10/22/2010 18:01	14.13	50.86	33.36	9.19	8.12	2.8	1.41	109.9
119	10/22/2010 18:16	14.18	51.18	33.61	9.19	8.13	2.4	1.40	110.1
120	10/22/2010 18:31	14.01	51.21	33.62	9.25	8.11	2.7	1.41	110.5
121	10/22/2010 18:46	14.09	51.19	33.60	9.19	8.12	2.4	1.44	110.0
122	10/22/2010 19:01	14.11	51.31	33.70	9.18	8.11	2.6	1.49	110.0
123	10/22/2010 19:16	14.17	51.31	33.70	9.17	8.13	2.4	1.54	109.9
124	10/22/2010 19:31	14.24	51.30	33.69	9.26	8.14	2.7	1.63	111.3
125	10/22/2010 19:46	14.26	50.87	33.38	9.10	8.13	3.8	1.71	109.1
126	10/22/2010 20:01	14.34	51.01	33.49	8.80	8.10	5.3	1.77	105.7
127	10/22/2010 20:16	14.28	51.20	33.62	8.90	8.10	3.5	1.86	106.9
128	10/22/2010 20:31	14.17	51.15	33.58	8.95	8.10	3.0	1.96	107.2
129	10/22/2010 20:46	14.11	51.12	33.56	8.96	8.05	2.9	2.02	107.2
130	10/22/2010 21:01	14.08	51.16	33.59	8.98	8.14	2.9	2.13	107.4
131	10/22/2010 21:16	14.07	51.15	33.58	8.97	8.14	2.7	2.21	107.3
132	10/22/2010 21:31	14.02	51.20	33.61	8.95	8.13	2.7	2.31	107.0
133	10/22/2010 21:46	13.93	51.12	33.55	8.87	8.12	3.4	2.40	105.7
134	10/22/2010 22:01	13.91	51.29	33.67	8.83	8.02	3.4	2.47	105.4
135	10/22/2010 22:16	13.87	51.42	33.77	8.80	8.02	4.0	2.59	104.9
136	10/22/2010 22:31	13.75	51.09	33.53	8.78	8.01	4.5	2.66	104.3
137	10/22/2010 22:46	13.60	51.05	33.49	8.75	8.00	5.2	2.73	103.5
138	10/22/2010 23:01	13.56	51.25	33.63	8.70	7.99	4.2	2.82	102.9
139	10/22/2010 23:16	13.34	51.28	33.65	8.70	7.98	5.1	2.90	102.5
140	10/22/2010 23:31	13.10	51.03	33.45	8.72	8.07	5.4	2.97	102.1
141	10/22/2010 23:46	12.88	51.27	33.62	8.73	7.97	4.6	3.04	102.0
142	10/23/2010 0:01	12.62	51.16	33.53	8.80	8.07	4.2	3.12	102.2
143	10/23/2010 0:16	12.45	51.34	33.65	8.85	8.07	4.0	3.16	102.4
144	10/23/2010 0:31	12.39	51.26	33.59	8.84	7.96	3.2	3.23	102.2
145	10/23/2010 0:46	12.32	51.33	33.64	8.87	7.96	2.7	3.27	102.3
146	10/23/2010 1:01	12.42	51.46	33.74	8.74	7.96	2.1	3.29	101.1
147	10/23/2010 1:16	12.59	51.39	33.70	8.63	7.96	2.2	3.32	100.2
148	10/23/2010 1:31	12.51	51.07	33.46	8.64	7.95	2.3	3.32	99.9
149	10/23/2010 1:46	12.39	51.17	33.53	8.74	8.06	2.2	3.27	101.0
150	10/23/2010 2:01	12.39	51.09	33.47	8.75	7.95	2.9	3.23	101.1
151	10/23/2010 2:16	12.98	51.30	33.65	8.40	7.95	3.3	3.18	98.3
152	10/23/2010 2:31	12.62	51.02	33.43	8.62	7.95	4.0	3.09	100.0
153	10/23/2010 2:46	12.59	51.03	33.43	8.58	7.95	3.7	3.03	99.4
154	10/23/2010 3:01	12.60	51.39	33.70	8.48	7.94	4.0	2.93	98.5
155	10/23/2010 3:16	12.88	51.33	33.67	8.44	8.02	4.0	2.84	98.6
156	10/23/2010 3:31	13.11	51.22	33.60	8.37	7.96	3.7	2.76	98.1
157	10/23/2010 3:46	13.32	50.90	33.37	8.32	8.07	4.6	2.67	97.9
158	10/23/2010 4:01	13.40	51.13	33.54	8.30	8.07	5.3	2.61	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	DO%
			mS/cm		mg/L		NTU	meters	
159	10/23/2010 4:16	13.49	51.18	33.58	8.29	7.98	6.7	2.54	98.0
160	10/23/2010 4:31	13.50	51.18	33.58	8.28	7.98	7.9	2.46	97.9
161	10/23/2010 4:46	13.54	51.22	33.61	8.27	7.98	7.9	2.42	97.9
162	10/23/2010 5:01	13.57	51.08	33.51	8.25	7.99	7.6	2.35	97.6
163	10/23/2010 5:16	13.58	50.94	33.41	8.24	7.99	7.1	2.30	97.5
164	10/23/2010 5:31	13.58	51.05	33.49	8.20	7.99	6.5	2.27	97.0
165	10/23/2010 5:46	13.57	51.07	33.50	8.18	7.99	6.5	2.25	96.8
166	10/23/2010 6:01	13.62	51.07	33.50	8.21	8.00	4.9	2.22	97.3
167	10/23/2010 6:16	13.64	51.25	33.63	8.22	8.00	4.3	2.21	97.4
168	10/23/2010 6:31	13.63	51.03	33.48	8.28	8.00	4.3	2.24	98.1
169	10/23/2010 6:46	13.58	51.33	33.69	8.24	7.99	4.0	2.25	97.7
170	10/23/2010 7:01	13.59	51.15	33.56	8.28	8.00	4.5	2.30	98.1
171	10/23/2010 7:16	13.57	50.99	33.44	8.31	7.99	4.3	2.34	98.2
172	10/23/2010 7:31	13.55	51.06	33.50	8.33	7.99	3.9	2.40	98.5
173	10/23/2010 7:46	13.46	50.95	33.41	8.32	7.98	5.5	2.49	98.2
174	10/23/2010 8:01	13.40	51.22	33.60	8.31	7.98	5.4	2.55	98.0
175	10/23/2010 8:16	13.32	51.16	33.56	8.31	7.97	4.3	2.62	97.9
176	10/23/2010 8:31	13.28	51.19	33.58	8.32	7.97	3.4	2.69	97.9
177	10/23/2010 8:46	13.10	51.15	33.54	8.39	7.96	3.7	2.78	98.4
178	10/23/2010 9:01	12.98	50.93	33.38	8.47	8.06	3.2	2.86	99.0
179	10/23/2010 9:16	12.95	51.05	33.46	8.50	8.06	3.4	2.93	99.3
180	10/23/2010 9:31	12.92	51.28	33.63	8.51	7.96	3.7	3.02	99.5
181	10/23/2010 9:46	12.78	51.02	33.44	8.56	7.96	4.1	3.11	99.6
182	10/23/2010 10:01	12.51	51.31	33.64	8.62	8.06	4.1	3.19	99.9
183	10/23/2010 10:16	12.37	51.06	33.45	8.67	7.95	3.9	3.27	100.1
184	10/23/2010 10:31	12.14	51.06	33.43	8.77	7.95	4.8	3.37	100.7
185	10/23/2010 10:46	11.99	51.02	33.40	8.83	7.95	4.3	3.44	101.1
186	10/23/2010 11:01	11.75	51.28	33.58	8.94	7.95	3.8	3.52	101.9
187	10/23/2010 11:16	11.61	51.07	33.41	9.01	7.95	2.7	3.60	102.3
188	10/23/2010 11:31	11.52	51.17	33.48	9.03	7.99	2.3	3.66	102.3
189	10/23/2010 11:46	11.44	51.37	33.63	9.06	7.95	1.5	3.71	102.7
190	10/23/2010 12:01	11.49	50.77	33.19	9.03	7.95	1.3	3.75	102.1
191	10/23/2010 12:16	11.90	50.69	33.15	8.94	8.06	1.3	3.77	102.0
192	10/23/2010 12:31	11.80	51.03	33.39	8.82	7.94	0.7	3.78	100.5
193	10/23/2010 12:46	11.64	51.15	33.47	8.86	8.05	1.0	3.75	100.7
194	10/23/2010 13:01	11.58	51.02	33.37	8.89	8.05	1.0	3.74	100.8
195	10/23/2010 13:16	12.05	51.28	33.59	8.93	7.95	1.2	3.67	102.5
196	10/23/2010 13:31	12.37	51.30	33.62	9.07	7.97	2.1	3.62	104.8
197	10/23/2010 13:46	12.18	51.14	33.49	8.98	7.96	2.6	3.54	103.2
198	10/23/2010 14:01	12.75	51.08	33.48	8.91	7.98	3.8	3.45	103.6
199	10/23/2010 14:16	12.43	51.32	33.63	8.94	7.96	2.6	3.33	103.4
200	10/23/2010 14:31	12.60	51.14	33.51	8.97	7.97	2.4	3.22	104.0
201	10/23/2010 14:46	12.58	50.99	33.40	8.99	8.07	2.7	3.10	104.2
202	10/23/2010 15:01	12.68	51.32	33.65	8.89	7.97	3.4	3.00	103.3
203	10/23/2010 15:16	12.79	51.24	33.59	8.86	8.05	3.2	2.89	103.2
204	10/23/2010 15:31	13.23	51.04	33.47	8.82	7.99	3.3	2.75	103.6
205	10/23/2010 15:46	13.36	51.28	33.65	8.78	7.99	4.0	2.63	103.5
206	10/23/2010 16:01	13.50	51.25	33.63	8.81	8.01	4.9	2.50	104.2
207	10/23/2010 16:16	13.39	51.27	33.64	8.77	8.04	6.0	2.37	103.4
208	10/23/2010 16:31	13.37	51.03	33.47	8.68	7.99	6.3	2.26	102.3
209	10/23/2010 16:46	13.35	50.98	33.42	8.77	7.99	5.9	2.12	103.3
210	10/23/2010 17:01	13.36	51.03	33.46	8.73	7.99	6.7	1.98	102.8
211	10/23/2010 17:16	13.42	50.66	33.20	8.71	8.09	6.5	1.88	102.5

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	
212	10/23/2010 17:31	13.50	51.03	33.47	8.62	8.05	6.2	1.73	101.8
213	10/23/2010 17:46	13.61	50.89	33.37	8.53	8.05	7.6	1.61	100.9
214	10/23/2010 18:01	13.68	51.15	33.56	8.48	8.05	11.6	1.53	100.6
215	10/23/2010 18:16	13.71	51.23	33.62	8.40	8.04	11.3	1.46	99.7
216	10/23/2010 18:31	13.82	51.23	33.63	8.39	8.06	9.2	1.39	99.9
217	10/23/2010 18:46	13.86	50.92	33.40	8.42	8.06	10.8	1.38	100.2
218	10/23/2010 19:01	13.89	50.73	33.26	8.35	8.07	6.4	1.38	99.3
219	10/23/2010 19:16	13.88	50.87	33.36	8.40	8.07	10.1	1.38	99.9
220	10/23/2010 19:31	13.86	50.76	33.29	8.43	8.07	6.6	1.42	100.2
221	10/23/2010 19:46	13.83	51.06	33.50	8.42	8.07	5.0	1.48	100.2
222	10/23/2010 20:01	13.84	51.08	33.52	8.44	8.02	4.0	1.52	100.5
223	10/23/2010 20:16	13.81	51.14	33.56	8.44	8.11	4.6	1.62	100.3
224	10/23/2010 20:31	13.79	51.01	33.46	8.40	7.99	7.0	1.69	99.8
225	10/23/2010 20:46	13.77	50.70	33.24	8.39	7.99	6.7	1.79	99.6
226	10/23/2010 21:01	13.74	50.84	33.34	8.44	8.00	4.9	1.85	100.1
227	10/23/2010 21:16	13.71	51.03	33.48	8.42	7.99	4.4	1.96	99.9
228	10/23/2010 21:31	13.68	51.18	33.59	8.42	7.99	4.4	2.08	99.9
229	10/23/2010 21:46	13.63	50.73	33.25	8.44	8.09	4.2	2.16	99.8
230	10/23/2010 22:01	13.59	51.18	33.59	8.41	7.99	3.8	2.25	99.7
231	10/23/2010 22:16	13.56	50.81	33.31	8.41	8.08	4.2	2.34	99.4
232	10/23/2010 22:31	13.56	51.18	33.58	8.35	7.98	4.7	2.43	98.9
233	10/23/2010 22:46	13.55	51.14	33.56	8.33	7.97	5.6	2.51	98.6
234	10/23/2010 23:01	13.48	50.73	33.25	8.36	7.97	6.0	2.59	98.6
235	10/23/2010 23:16	13.39	50.60	33.15	8.39	8.07	5.6	2.68	98.7
236	10/23/2010 23:31	13.25	50.73	33.24	8.41	7.96	5.9	2.76	98.7
237	10/23/2010 23:46	13.06	50.52	33.08	8.46	8.06	6.7	2.86	98.8
238	10/24/2010 0:01	12.90	50.89	33.35	8.49	8.05	6.8	2.94	99.0
239	10/24/2010 0:16	12.80	51.21	33.58	8.50	7.95	6.8	3.01	99.1
240	10/24/2010 0:31	12.47	50.80	33.26	8.63	7.94	6.0	3.10	99.7
241	10/24/2010 0:46	12.37	51.26	33.59	8.65	7.94	5.0	3.15	99.8
242	10/24/2010 1:01	12.27	51.03	33.42	8.67	7.93	4.5	3.22	99.8
243	10/24/2010 1:16	12.08	51.15	33.50	8.72	7.92	4.2	3.27	100.0
244	10/24/2010 1:31	11.97	50.94	33.34	8.72	7.92	3.2	3.32	99.8
245	10/24/2010 1:46	11.97	50.74	33.19	8.72	7.92	3.0	3.35	99.7
246	10/24/2010 2:01	12.16	51.05	33.43	8.60	7.92	2.7	3.35	98.8
247	10/24/2010 2:16	12.21	50.79	33.24	8.54	7.92	2.3	3.34	98.0
248	10/24/2010 2:31	12.08	50.94	33.34	8.59	7.91	2.5	3.33	98.4
249	10/24/2010 2:46	12.45	50.40	32.97	8.53	7.92	3.0	3.29	98.3
250	10/24/2010 3:01	12.73	50.38	32.96	8.43	8.03	5.4	3.21	97.7
251	10/24/2010 3:16	12.82	50.58	33.12	8.40	7.93	5.9	3.14	97.7
252	10/24/2010 3:31	12.55	50.36	32.94	8.48	7.92	4.7	3.08	97.9
253	10/24/2010 3:46	12.58	50.41	32.98	8.48	7.92	5.4	2.99	98.0
254	10/24/2010 4:01	12.96	50.15	32.80	8.34	8.04	4.3	2.91	97.0
255	10/24/2010 4:16	13.11	50.27	32.90	8.24	8.04	4.1	2.83	96.2
256	10/24/2010 4:31	13.22	50.28	32.91	8.15	7.94	4.3	2.77	95.4
257	10/24/2010 4:46	13.36	50.51	33.09	8.07	7.94	3.6	2.71	94.8
258	10/24/2010 5:01	13.43	50.04	32.74	8.08	7.94	3.0	2.63	94.9
259	10/24/2010 5:16	13.45	50.21	32.87	8.07	7.94	3.1	2.56	94.8
260	10/24/2010 5:31	13.49	50.25	32.90	8.05	7.94	3.0	2.52	94.7
261	10/24/2010 5:46	13.48	49.92	32.66	8.06	7.94	2.7	2.48	94.7
262	10/24/2010 6:01	13.50	50.15	32.83	8.03	7.94	2.8	2.43	94.5
263	10/24/2010 6:16	13.55	50.05	32.76	8.00	7.94	2.7	2.42	94.2
264	10/24/2010 6:31	13.58	50.04	32.75	7.99	7.94	2.7	2.38	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	DO%
			mS/cm		mg/L		NTU	meters	
265	10/24/2010 6:46	13.59	50.14	32.82	7.95	7.94	2.8	2.39	93.7
266	10/24/2010 7:01	13.52	49.91	32.66	8.00	7.94	3.1	2.39	94.1
267	10/24/2010 7:16	13.57	50.03	32.74	8.03	7.95	2.8	2.40	94.6
268	10/24/2010 7:31	13.53	50.00	32.72	8.07	7.95	2.6	2.45	95.0
269	10/24/2010 7:46	13.48	50.05	32.75	8.07	7.94	3.1	2.47	94.9
270	10/24/2010 8:01	13.48	48.83	31.86	8.13	7.93	4.1	2.52	95.1
271	10/24/2010 8:16	13.45	49.51	32.36	8.11	7.94	4.3	2.58	95.1
272	10/24/2010 8:31	13.33	48.88	31.90	8.26	7.94	5.6	2.64	96.3
273	10/24/2010 8:46	13.29	49.45	32.31	8.21	7.94	3.8	2.70	95.9
274	10/24/2010 9:01	13.22	49.69	32.48	8.18	8.04	3.4	2.80	95.5
275	10/24/2010 9:16	13.17	49.77	32.53	8.21	7.93	3.9	2.87	95.8
276	10/24/2010 9:31	13.01	50.09	32.77	8.26	7.93	4.5	2.92	96.2
277	10/24/2010 9:46	12.79	50.29	32.90	8.34	7.98	4.1	3.01	96.7
278	10/24/2010 10:01	12.70	50.46	33.02	8.38	7.97	4.3	3.09	97.1
279	10/24/2010 10:16	12.75	50.34	32.94	8.38	7.92	5.2	3.19	97.1
280	10/24/2010 10:31	12.65	50.37	32.95	8.40	7.92	4.3	3.27	97.2
281	10/24/2010 10:46	12.51	50.33	32.92	8.43	7.91	4.9	3.34	97.2
282	10/24/2010 11:01	12.29	50.70	33.18	8.49	7.91	4.4	3.44	97.6
283	10/24/2010 11:16	12.04	50.60	33.10	8.58	7.94	4.5	3.50	98.1
284	10/24/2010 11:31	11.94	50.80	33.24	8.59	7.94	4.3	3.58	98.1
285	10/24/2010 11:46	11.78	50.52	33.02	8.66	7.93	3.4	3.66	98.5
286	10/24/2010 12:01	11.68	50.72	33.16	8.67	7.93	2.9	3.70	98.5
287	10/24/2010 12:16	11.62	50.87	33.27	8.68	7.93	2.9	3.76	98.5
288	10/24/2010 12:31	11.52	50.85	33.25	8.69	7.92	2.3	3.79	98.3
289	10/24/2010 12:46	11.53	50.74	33.17	8.62	7.92	2.4	3.81	97.5
290	10/24/2010 13:01	11.69	50.57	33.06	8.58	7.88	2.3	3.82	97.4
291	10/24/2010 13:16	11.59	50.33	32.87	8.60	7.87	2.0	3.82	97.3
292	10/24/2010 13:31	11.54	50.38	32.91	8.63	7.98	2.1	3.78	97.5
293	10/24/2010 13:46	11.55	50.77	33.19	8.62	7.87	2.7	3.71	97.6
294	10/24/2010 14:01	12.12	50.60	33.10	8.66	7.90	2.9	3.66	99.1
295	10/24/2010 14:16	12.14	50.57	33.08	8.72	7.90	2.7	3.57	100.0
296	10/24/2010 14:31	12.35	50.56	33.08	8.65	7.90	2.9	3.47	99.5
297	10/24/2010 14:46	12.54	50.59	33.11	8.51	7.97	3.8	3.35	98.3
298	10/24/2010 15:01	12.67	50.14	32.79	8.49	7.91	4.0	3.23	98.1
299	10/24/2010 15:16	12.73	50.30	32.91	8.46	7.91	3.2	3.12	98.0
300	10/24/2010 15:31	12.90	50.28	32.90	8.35	7.98	3.4	3.00	97.1
301	10/24/2010 15:46	12.99	50.29	32.91	8.30	7.99	5.0	2.88	96.7
302	10/24/2010 16:01	13.06	49.59	32.40	8.33	7.92	4.0	2.77	96.9
303	10/24/2010 16:16	13.24	49.59	32.41	8.27	7.98	4.7	2.65	96.6
304	10/24/2010 16:31	13.35	49.43	32.29	8.27	7.93	5.1	2.53	96.6
305	10/24/2010 16:46	13.40	49.38	32.27	8.28	8.03	5.6	2.40	96.8
306	10/24/2010 17:01	13.44	50.08	32.77	8.31	7.94	6.2	2.24	97.7
307	10/24/2010 17:16	13.40	49.76	32.54	8.37	7.94	6.4	2.14	98.1
308	10/24/2010 17:31	13.48	49.89	32.64	8.35	7.94	6.3	1.99	98.1
309	10/24/2010 17:46	13.59	49.57	32.41	8.31	7.95	6.8	1.89	97.7
310	10/24/2010 18:01	13.68	49.30	32.21	8.26	8.04	6.6	1.75	97.2
311	10/24/2010 18:16	13.75	49.55	32.40	8.21	8.04	6.1	1.63	96.9
312	10/24/2010 18:31	13.81	49.15	32.11	8.17	7.95	7.1	1.53	96.3
313	10/24/2010 18:46	13.96	49.40	32.30	8.11	7.95	8.5	1.44	96.1
314	10/24/2010 19:01	14.04	49.00	32.01	8.09	7.95	6.2	1.41	95.8
315	10/24/2010 19:16	14.04	48.95	31.97	8.04	7.95	5.5	1.32	95.1
316	10/24/2010 19:31	14.04	48.96	31.97	7.95	7.95	4.3	1.28	94.1
317	10/24/2010 19:46	13.97	49.08	32.06	7.99	7.94	6.2	1.35	94.4

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	
318	10/24/2010 20:01	13.95	48.75	31.82	8.01	8.04	5.4	1.33	94.5
319	10/24/2010 20:16	13.96	48.70	31.78	8.07	8.05	4.2	1.37	95.2
320	10/24/2010 20:31	13.94	49.13	32.10	8.07	7.95	4.6	1.44	95.4
321	10/24/2010 20:46	13.92	48.75	31.83	8.06	7.94	5.3	1.51	95.1
322	10/24/2010 21:01	13.94	48.08	31.34	8.07	8.04	4.3	1.61	95.0
323	10/24/2010 21:16	13.93	48.35	31.53	8.02	7.99	4.8	1.67	94.4
324	10/24/2010 21:31	13.90	48.51	31.64	8.03	7.94	4.6	1.81	94.6
325	10/24/2010 21:46	13.84	48.37	31.55	8.01	7.93	4.6	1.89	94.2
326	10/24/2010 22:01	13.82	47.77	31.11	8.01	7.93	4.6	1.97	93.8
327	10/24/2010 22:16	13.79	48.08	31.33	8.00	7.93	4.0	2.07	93.8
328	10/24/2010 22:31	13.73	48.15	31.38	8.00	7.92	4.1	2.16	93.7
329	10/24/2010 22:46	13.70	48.54	31.66	7.98	7.92	4.3	2.26	93.6
330	10/24/2010 23:01	13.69	48.55	31.67	7.98	7.92	4.3	2.35	93.6
331	10/24/2010 23:16	13.75	49.01	32.01	7.98	7.92	4.8	2.45	93.9
332	10/24/2010 23:31	13.74	48.70	31.78	7.99	8.02	6.1	2.53	93.8
333	10/24/2010 23:46	13.64	49.06	32.04	7.99	8.02	5.6	2.61	93.9
334	10/25/2010 0:01	13.53	48.98	31.98	8.01	7.92	5.7	2.70	93.8
335	10/25/2010 0:16	13.42	49.27	32.18	8.02	7.91	6.8	2.78	93.8
336	10/25/2010 0:31	13.26	49.05	32.02	8.08	7.91	7.6	2.84	94.2
337	10/25/2010 0:46	13.08	49.41	32.28	8.13	7.91	8.3	2.94	94.5
338	10/25/2010 1:01	12.91	49.43	32.28	8.20	8.01	6.8	3.01	95.0
339	10/25/2010 1:16	12.82	49.87	32.60	8.21	7.94	6.8	3.05	95.1
340	10/25/2010 1:31	12.65	49.65	32.43	8.28	7.89	6.8	3.13	95.5
341	10/25/2010 1:46	12.47	50.15	32.79	8.41	7.93	5.9	3.19	96.8
342	10/25/2010 2:01	12.32	50.23	32.84	8.47	7.93	5.4	3.20	97.3
343	10/25/2010 2:16	12.26	49.97	32.64	8.47	7.88	4.0	3.30	97.0
344	10/25/2010 2:31	12.27	50.06	32.71	8.42	7.93	3.3	3.32	96.5
345	10/25/2010 2:46	12.31	50.09	32.73	8.36	7.87	4.0	3.32	95.9
346	10/25/2010 3:01	12.26	49.68	32.44	8.39	7.87	3.4	3.29	96.0
347	10/25/2010 3:16	12.24	50.00	32.66	8.44	7.87	4.4	3.23	96.6
348	10/25/2010 3:31	12.34	49.91	32.61	8.38	7.87	4.7	3.22	96.1
349	10/25/2010 3:46	12.69	49.89	32.61	8.09	7.94	4.6	3.14	93.5
350	10/25/2010 4:01	12.87	49.62	32.42	7.99	7.95	5.7	3.07	92.5
351	10/25/2010 4:16	12.90	49.55	32.37	7.94	7.94	5.1	3.00	92.1
352	10/25/2010 4:31	12.96	48.91	31.91	7.95	7.99	5.1	2.93	92.0
353	10/25/2010 4:46	13.03	49.13	32.07	7.80	7.88	4.9	2.86	90.4
354	10/25/2010 5:01	13.04	49.23	32.14	7.67	7.87	4.4	2.79	89.0
355	10/25/2010 5:16	13.10	48.76	31.80	7.59	7.86	4.3	2.73	88.0
356	10/25/2010 5:31	13.20	48.77	31.81	7.50	7.87	4.3	2.64	87.2
357	10/25/2010 5:46	13.20	48.87	31.88	7.41	7.86	4.0	2.61	86.1
358	10/25/2010 6:01	13.20	48.27	31.45	7.48	7.86	4.0	2.57	86.7
359	10/25/2010 6:16	13.21	48.49	31.61	7.42	7.86	3.8	2.53	86.2
360	10/25/2010 6:31	13.17	48.17	31.38	7.46	7.86	3.7	2.48	86.5
361	10/25/2010 6:46	13.18	48.27	31.45	7.45	7.86	3.8	2.42	86.3
362	10/25/2010 7:01	13.23	48.05	31.29	7.40	7.87	2.9	2.41	85.8
363	10/25/2010 7:16	13.30	48.08	31.32	7.37	7.87	3.0	2.38	85.6
364	10/25/2010 7:31	13.33	48.03	31.28	7.56	7.98	4.2	2.40	87.8
365	10/25/2010 7:46	13.06	48.22	31.41	7.55	7.87	4.3	2.42	87.2
366	10/25/2010 8:01	13.11	47.77	31.09	7.52	7.97	3.5	2.44	86.8
367	10/25/2010 8:16	13.20	48.19	31.39	7.52	7.97	3.9	2.45	87.1
368	10/25/2010 8:31	13.23	48.80	31.84	7.51	7.87	4.4	2.49	87.4
369	10/25/2010 8:46	13.19	48.26	31.44	7.57	7.87	5.6	2.59	87.7
370	10/25/2010 9:01	13.18	48.32	31.49	7.59	7.87	5.7	2.65	87.9

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	
371	10/25/2010 9:16	13.19	48.45	31.58	7.61	7.87	4.4	2.71	88.3
372	10/25/2010 9:31	13.13	48.45	31.58	7.70	7.98	4.7	2.79	89.3
373	10/25/2010 9:46	12.99	48.76	31.80	7.78	7.87	4.5	2.84	90.0
374	10/25/2010 10:01	12.85	48.88	31.88	7.93	7.98	4.9	2.93	91.6
375	10/25/2010 10:16	12.82	49.04	31.99	8.03	7.99	4.6	2.99	92.7
376	10/25/2010 10:31	12.74	49.83	32.56	8.10	7.88	4.9	3.10	93.7
377	10/25/2010 10:46	12.63	49.80	32.54	8.23	7.88	5.0	3.17	94.9
378	10/25/2010 11:01	12.50	49.86	32.57	8.30	7.88	5.4	3.25	95.5
379	10/25/2010 11:16	12.38	49.74	32.49	8.40	7.92	5.9	3.32	96.4
380	10/25/2010 11:31	12.10	49.71	32.45	8.58	7.92	7.0	3.39	97.9
381	10/25/2010 11:46	11.98	50.07	32.70	8.71	7.92	7.9	3.48	99.2
382	10/25/2010 12:01	11.70	50.14	32.74	8.90	7.92	9.3	3.51	100.8
383	10/25/2010 12:16	11.60	50.32	32.87	8.98	7.92	8.0	3.62	101.6
384	10/25/2010 12:31	11.47	49.99	32.62	9.11	7.92	8.0	3.68	102.6
385	10/25/2010 12:46	11.45	50.27	32.82	9.14	7.93	5.9	3.72	103.1
386	10/25/2010 13:01	11.39	50.09	32.69	9.16	7.93	4.6	3.73	103.1
387	10/25/2010 13:16	11.36	50.22	32.78	9.14	7.93	4.1	3.79	102.8
388	10/25/2010 13:31	11.36	50.34	32.87	9.17	7.93	3.5	3.79	103.2
389	10/25/2010 13:46	11.42	50.07	32.68	9.12	7.92	4.7	3.77	102.6
390	10/25/2010 14:01	11.39	50.22	32.79	9.21	7.92	4.5	3.78	103.7
391	10/25/2010 14:16	11.41	50.08	32.68	9.21	7.88	4.9	3.70	103.6
392	10/25/2010 14:31	11.64	50.37	32.91	9.08	7.93	6.1	3.64	102.8
393	10/25/2010 14:46	12.70	50.16	32.81	9.30	7.99	3.8	3.58	107.6
394	10/25/2010 15:01	12.50	49.64	32.42	9.06	7.91	6.7	3.50	104.2
395	10/25/2010 15:16	12.80	50.05	32.72	9.22	7.93	3.7	3.38	106.9
396	10/25/2010 15:31	12.89	49.58	32.39	8.93	7.92	6.2	3.32	103.5
397	10/25/2010 15:46	13.01	49.33	32.21	8.83	8.03	5.9	3.18	102.5
398	10/25/2010 16:01	13.11	49.45	32.31	8.75	7.91	5.5	3.06	101.7
399	10/25/2010 16:16	13.20	49.00	31.98	8.69	8.02	4.9	2.97	101.1
400	10/25/2010 16:31	13.18	49.36	32.24	8.83	7.94	4.5	2.84	102.8
401	10/25/2010 16:46	13.42	49.16	32.10	8.70	7.94	5.1	2.72	101.7
402	10/25/2010 17:01	13.58	48.75	31.81	8.83	7.95	6.1	2.55	103.4
403	10/25/2010 17:16	13.63	48.86	31.89	8.83	7.95	4.9	2.45	103.6
404	10/25/2010 17:31	13.65	48.66	31.75	8.93	7.95	6.1	2.32	104.7
405	10/25/2010 17:46	13.71	48.34	31.52	8.91	7.96	7.4	2.20	104.4
406	10/25/2010 18:01	13.79	48.30	31.49	8.91	7.96	7.1	2.06	104.6
407	10/25/2010 18:16	13.82	48.16	31.39	8.85	7.97	7.1	1.93	103.9
408	10/25/2010 18:31	13.85	48.30	31.50	8.81	8.03	6.6	1.81	103.5
409	10/25/2010 18:46	13.88	48.03	31.29	8.76	7.96	5.7	1.71	102.9
410	10/25/2010 19:01	13.90	47.81	31.14	8.76	7.96	5.2	1.60	102.9
411	10/25/2010 19:16	13.97	47.82	31.15	8.77	7.97	4.3	1.53	103.2
412	10/25/2010 19:31	13.97	47.71	31.07	8.78	7.97	3.9	1.44	103.2
413	10/25/2010 19:46	13.99	47.90	31.21	8.70	7.97	3.7	1.41	102.4
414	10/25/2010 20:01	13.96	47.55	30.95	8.74	7.97	3.5	1.35	102.6
415	10/25/2010 20:16	13.95	47.58	30.98	8.66	7.97	3.2	1.38	101.7
416	10/25/2010 20:31	13.90	47.93	31.23	8.67	7.96	3.5	1.35	101.8
417	10/25/2010 20:46	13.91	47.76	31.10	8.67	7.96	3.5	1.38	101.8
418	10/25/2010 21:01	13.93	47.83	31.16	8.67	7.96	3.4	1.40	101.9
419	10/25/2010 21:16	13.91	47.57	30.97	8.64	7.96	3.5	1.43	101.3
420	10/25/2010 21:31	13.91	47.66	31.03	8.65	8.06	3.4	1.52	101.5
421	10/25/2010 21:46	13.91	47.83	31.15	8.67	7.96	3.2	1.65	101.8
422	10/25/2010 22:01	13.90	47.15	30.66	8.60	7.95	4.2	1.68	100.7
423	10/25/2010 22:16	13.88	47.00	30.55	8.57	8.05	4.3	1.76	100.2

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	
424	10/25/2010 22:31	13.84	46.82	30.42	8.55	7.94	4.7	1.90	99.8
425	10/25/2010 22:46	13.83	47.22	30.71	8.51	7.94	4.2	1.97	99.5
426	10/25/2010 23:01	13.78	47.01	30.55	8.43	7.98	5.1	2.10	98.4
427	10/25/2010 23:16	13.75	47.21	30.70	8.36	7.96	4.6	2.18	97.6
428	10/25/2010 23:31	13.77	47.64	31.01	8.31	7.92	4.5	2.31	97.3
429	10/25/2010 23:46	13.80	48.11	31.35	8.31	7.92	4.8	2.35	97.5
430	10/26/2010 0:01	13.79	48.33	31.52	8.35	7.92	4.8	2.45	98.0
431	10/26/2010 0:16	13.70	48.35	31.52	8.34	7.92	4.7	2.57	97.7
432	10/26/2010 0:31	13.71	48.11	31.35	8.37	7.92	5.6	2.66	98.0
433	10/26/2010 0:46	13.60	48.20	31.41	8.34	8.01	5.4	2.72	97.4
434	10/26/2010 1:01	13.45	48.69	31.76	8.31	7.90	6.1	2.79	97.0
435	10/26/2010 1:16	13.25	48.26	31.44	8.40	7.90	8.4	2.87	97.5
436	10/26/2010 1:31	13.06	48.59	31.68	8.47	7.90	7.9	2.93	98.0
437	10/26/2010 1:46	12.97	48.83	31.85	8.50	7.90	7.5	3.01	98.3
438	10/26/2010 2:01	12.84	48.75	31.78	8.55	7.94	7.2	3.05	98.6
439	10/26/2010 2:16	12.54	49.20	32.10	8.68	7.94	7.6	3.10	99.6
440	10/26/2010 2:31	12.34	49.49	32.30	8.79	7.93	7.2	3.17	100.7
441	10/26/2010 2:46	12.18	49.68	32.43	8.87	7.93	7.3	3.23	101.3
442	10/26/2010 3:01	12.04	49.86	32.55	8.95	7.93	5.6	3.24	102.0
443	10/26/2010 3:16	12.02	49.51	32.30	8.93	7.93	3.5	3.27	101.5
444	10/26/2010 3:31	12.02	49.82	32.53	8.88	7.93	3.2	3.26	101.1
445	10/26/2010 3:46	12.02	49.69	32.43	8.98	7.88	5.3	3.22	102.3
446	10/26/2010 4:01	12.15	49.60	32.37	8.83	7.88	4.9	3.21	100.8
447	10/26/2010 4:16	12.35	49.41	32.24	8.68	7.93	4.9	3.14	99.4
448	10/26/2010 4:31	12.66	49.07	32.01	8.51	7.88	6.3	3.08	97.9
449	10/26/2010 4:46	12.91	48.98	31.96	8.33	7.94	6.0	3.03	96.3
450	10/26/2010 5:01	12.99	48.55	31.64	8.26	7.88	4.9	2.97	95.4
451	10/26/2010 5:16	13.05	48.71	31.76	8.16	7.87	4.6	2.90	94.5
452	10/26/2010 5:31	13.14	48.40	31.54	8.07	7.93	4.4	2.85	93.5
453	10/26/2010 5:46	13.20	48.35	31.51	8.00	7.87	3.8	2.80	92.7
454	10/26/2010 6:01	13.15	47.92	31.19	7.94	7.86	4.3	2.73	91.9
455	10/26/2010 6:16	13.19	48.20	31.40	7.89	7.86	3.7	2.69	91.4
456	10/26/2010 6:31	13.24	48.14	31.36	7.84	7.86	3.5	2.63	90.9
457	10/26/2010 6:46	13.25	47.96	31.23	7.81	7.86	3.5	2.58	90.5
458	10/26/2010 7:01	13.26	47.85	31.15	7.85	7.86	3.4	2.54	91.0
459	10/26/2010 7:16	13.27	47.61	30.98	7.87	7.87	3.7	2.52	91.0
460	10/26/2010 7:31	13.26	47.67	31.02	7.80	7.86	3.4	2.50	90.3
461	10/26/2010 7:46	13.24	47.45	30.86	7.80	7.86	3.6	2.48	90.2
462	10/26/2010 8:01	13.29	47.61	30.98	7.75	7.86	4.3	2.48	89.7
463	10/26/2010 8:16	13.33	47.81	31.12	7.80	7.87	3.4	2.48	90.5
464	10/26/2010 8:31	13.26	47.71	31.05	7.78	7.86	3.8	2.48	90.1
465	10/26/2010 8:46	13.24	47.65	31.00	7.79	7.86	4.2	2.54	90.1
466	10/26/2010 9:01	13.27	48.06	31.30	7.83	7.86	4.0	2.58	90.8
467	10/26/2010 9:16	13.24	47.88	31.17	7.83	7.86	5.2	2.62	90.7
468	10/26/2010 9:31	13.24	47.95	31.22	7.87	7.86	4.6	2.68	91.2
469	10/26/2010 9:46	13.24	48.10	31.32	7.91	7.87	4.5	2.74	91.7
470	10/26/2010 10:01	13.06	48.46	31.58	8.07	7.87	5.0	2.80	93.4
471	10/26/2010 10:16	12.95	48.49	31.60	8.16	7.87	4.6	2.87	94.2
472	10/26/2010 10:31	12.90	48.46	31.58	8.23	7.87	4.3	2.94	94.9
473	10/26/2010 10:46	12.64	49.12	32.05	8.45	7.92	5.9	3.02	97.2
474	10/26/2010 11:01	12.46	49.28	32.15	8.66	7.93	6.6	3.12	99.3
475	10/26/2010 11:16	12.45	49.22	32.11	8.72	7.93	5.4	3.16	100.0
476	10/26/2010 11:31	12.27	49.56	32.35	8.84	7.93	5.8	3.25	101.1

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	
477	10/26/2010 11:46	12.15	49.34	32.18	8.95	7.93	5.9	3.32	101.9
478	10/26/2010 12:01	12.10	49.44	32.26	8.98	7.93	6.5	3.40	102.3
479	10/26/2010 12:16	11.90	49.43	32.24	9.14	7.93	8.4	3.49	103.6
480	10/26/2010 12:31	11.79	49.65	32.39	9.22	7.94	6.8	3.53	104.4
481	10/26/2010 12:46	11.71	49.94	32.60	9.27	7.94	6.0	3.62	104.9
482	10/26/2010 13:01	11.61	50.13	32.73	9.36	7.94	5.7	3.67	105.9
483	10/26/2010 13:16	11.52	50.18	32.76	9.43	7.94	5.2	3.72	106.4
484	10/26/2010 13:31	11.47	50.11	32.71	9.46	7.95	5.1	3.75	106.6
485	10/26/2010 13:46	11.47	50.17	32.75	9.44	7.95	4.1	3.76	106.4
486	10/26/2010 14:01	11.58	50.30	32.85	9.37	7.94	3.4	3.78	105.9
487	10/26/2010 14:16	11.46	50.35	32.88	9.36	7.94	4.2	3.76	105.5
488	10/26/2010 14:31	11.49	50.31	32.85	9.40	7.94	5.1	3.73	106.1
489	10/26/2010 14:46	11.62	50.26	32.82	9.38	7.94	4.5	3.69	106.1
490	10/26/2010 15:01	12.19	49.59	32.37	9.40	7.91	4.0	3.62	107.4
491	10/26/2010 15:16	12.55	49.85	32.57	9.67	7.99	3.8	3.55	111.4
492	10/26/2010 15:31	12.49	49.76	32.51	9.45	7.98	5.7	3.47	108.7
493	10/26/2010 15:46	12.72	49.20	32.10	9.30	7.92	5.7	3.37	107.2
494	10/26/2010 16:01	12.92	49.04	32.00	9.29	8.03	6.1	3.29	107.4
495	10/26/2010 16:16	13.09	49.30	32.19	9.33	7.93	4.0	3.20	108.4
496	10/26/2010 16:31	13.14	49.09	32.04	9.31	7.93	4.0	3.08	108.2
497	10/26/2010 16:46	13.14	48.82	31.84	9.32	7.94	4.3	2.98	108.2
498	10/26/2010 17:01	13.33	48.82	31.85	9.20	7.93	4.0	2.86	107.2
499	10/26/2010 17:16	13.41	48.44	31.58	9.65	7.96	4.6	2.74	112.4
500	10/26/2010 17:31	13.47	48.49	31.62	9.31	7.96	4.9	2.63	108.7
501	10/26/2010 17:46	13.57	48.25	31.45	9.24	7.95	6.7	2.49	108.0
502	10/26/2010 18:01	13.56	48.20	31.41	9.31	7.97	7.8	2.38	108.7
503	10/26/2010 18:16	13.59	48.42	31.57	9.31	7.97	6.8	2.24	108.9
504	10/26/2010 18:31	13.70	48.25	31.45	9.27	7.97	7.8	2.12	108.5
505	10/26/2010 18:46	13.67	47.92	31.21	9.29	7.98	7.0	1.98	108.6
506	10/26/2010 19:01	13.71	48.21	31.42	9.11	7.97	6.5	1.85	106.8
507	10/26/2010 19:16	13.77	47.36	30.81	9.08	8.07	6.0	1.78	106.0
508	10/26/2010 19:31	13.88	47.74	31.09	9.07	7.97	5.8	1.64	106.3
509	10/26/2010 19:46	13.88	47.71	31.07	9.04	7.97	5.1	1.56	106.0
510	10/26/2010 20:01	14.04	47.52	30.93	9.17	7.98	4.8	1.45	107.9
511	10/26/2010 20:16	14.00	47.68	31.04	9.10	7.98	4.8	1.40	107.0
512	10/26/2010 20:31	14.00	47.44	30.87	9.24	8.00	4.6	1.31	108.5
513	10/26/2010 20:46	14.01	47.35	30.81	9.23	8.06	3.7	1.27	108.4
514	10/26/2010 21:01	13.97	47.25	30.74	9.28	8.00	3.7	1.30	108.8
515	10/26/2010 21:16	13.93	47.21	30.71	9.27	8.00	3.5	1.30	108.6
516	10/26/2010 21:31	13.92	47.35	30.81	9.27	8.00	3.4	1.34	108.6
517	10/26/2010 21:46	13.93	47.29	30.76	9.23	7.99	3.4	1.38	108.2
518	10/26/2010 22:01	13.93	47.55	30.95	9.26	8.00	3.3	1.46	108.6
519	10/26/2010 22:16	13.89	47.21	30.70	9.26	8.00	3.2	1.55	108.4
520	10/26/2010 22:31	13.91	46.68	30.32	9.15	7.98	4.0	1.65	106.9
521	10/26/2010 22:46	13.92	46.56	30.24	9.12	7.97	4.0	1.71	106.5
522	10/26/2010 23:01	13.91	46.54	30.22	9.05	7.97	4.0	1.80	105.6
523	10/26/2010 23:16	13.90	46.58	30.25	9.04	7.97	3.7	1.88	105.5
524	10/26/2010 23:31	13.90	47.05	30.59	9.04	7.97	3.2	1.96	105.7
525	10/26/2010 23:46	13.87	46.88	30.47	9.01	7.96	3.5	2.06	105.3
526	10/27/2010 0:01	13.79	47.59	30.98	8.83	7.94	3.6	2.13	103.4
527	10/27/2010 0:16	13.79	47.53	30.93	8.76	7.94	3.4	2.22	102.5
528	10/27/2010 0:31	13.79	47.96	31.24	8.73	7.93	3.9	2.33	102.3
529	10/27/2010 0:46	13.80	48.00	31.27	8.80	7.94	3.9	2.42	103.1

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	
530	10/27/2010 1:01	13.76	48.05	31.31	8.84	7.94	4.0	2.50	103.5
531	10/27/2010 1:16	13.70	48.06	31.31	8.83	7.98	4.3	2.57	103.4
532	10/27/2010 1:31	13.53	47.95	31.23	8.81	7.93	4.5	2.65	102.6
533	10/27/2010 1:46	13.34	48.11	31.34	8.78	7.96	5.9	2.74	102.0
534	10/27/2010 2:01	13.20	48.51	31.62	8.79	7.96	5.9	2.80	102.0
535	10/27/2010 2:16	13.05	48.41	31.54	8.86	7.96	6.6	2.89	102.5
536	10/27/2010 2:31	12.89	48.57	31.66	8.90	7.96	6.2	2.94	102.7
537	10/27/2010 2:46	12.76	48.84	31.85	8.93	7.95	5.4	3.00	102.8
538	10/27/2010 3:01	12.57	49.13	32.05	8.98	7.95	5.6	3.06	103.2
539	10/27/2010 3:16	12.42	49.44	32.27	9.03	7.95	5.8	3.10	103.5
540	10/27/2010 3:31	12.29	49.65	32.42	9.08	7.95	5.5	3.13	103.9
541	10/27/2010 3:46	12.14	49.60	32.37	9.14	7.95	5.2	3.17	104.3
542	10/27/2010 4:01	12.08	49.67	32.42	9.14	7.95	4.3	3.18	104.1
543	10/27/2010 4:16	12.25	49.35	32.20	9.07	7.95	4.5	3.19	103.6
544	10/27/2010 4:31	12.08	49.51	32.30	9.07	7.94	4.9	3.19	103.3
545	10/27/2010 4:46	12.07	49.54	32.32	9.12	7.95	4.2	3.17	103.8
546	10/27/2010 5:01	12.16	49.67	32.43	9.07	7.95	4.2	3.12	103.6
547	10/27/2010 5:16	12.34	49.23	32.11	8.88	7.95	3.9	3.07	101.5
548	10/27/2010 5:31	12.54	48.88	31.86	8.85	7.90	4.9	3.04	101.4
549	10/27/2010 5:46	12.58	48.95	31.92	8.79	7.95	3.8	2.96	100.9
550	10/27/2010 6:01	12.69	48.53	31.62	8.62	7.89	4.1	2.88	98.9
551	10/27/2010 6:16	12.68	48.37	31.50	8.50	7.89	4.5	2.86	97.6
552	10/27/2010 6:31	12.71	48.45	31.57	8.48	7.89	3.5	2.79	97.4
553	10/27/2010 6:46	12.66	48.15	31.34	8.37	7.88	3.4	2.71	95.9
554	10/27/2010 7:01	12.67	48.11	31.32	8.31	7.88	3.3	2.69	95.2
555	10/27/2010 7:16	12.76	48.00	31.23	8.27	7.88	3.4	2.64	94.9
556	10/27/2010 7:31	12.78	48.03	31.26	8.23	7.88	3.1	2.61	94.4
557	10/27/2010 7:46	12.74	48.13	31.33	8.15	7.93	3.2	2.55	93.5
558	10/27/2010 8:01	12.79	47.81	31.10	8.23	7.88	3.1	2.54	94.4
559	10/27/2010 8:16	12.78	47.51	30.89	8.35	7.89	2.4	2.53	95.7
560	10/27/2010 8:31	12.73	47.64	30.98	8.26	7.94	2.3	2.51	94.6
561	10/27/2010 8:46	12.78	47.75	31.06	8.25	7.89	2.4	2.52	94.6
562	10/27/2010 9:01	12.68	47.80	31.09	8.22	7.93	2.9	2.53	94.1
563	10/27/2010 9:16	12.67	48.05	31.27	8.25	7.93	2.6	2.56	94.5
564	10/27/2010 9:31	12.78	47.75	31.05	8.30	7.93	2.7	2.60	95.2
565	10/27/2010 9:46	12.77	47.85	31.13	8.28	7.88	2.9	2.63	94.9
566	10/27/2010 10:01	12.83	48.05	31.28	8.42	8.00	3.4	2.68	96.8
567	10/27/2010 10:16	12.78	48.02	31.25	8.48	7.89	3.1	2.73	97.4
568	10/27/2010 10:31	12.67	48.53	31.62	8.54	7.94	3.7	2.80	98.0
569	10/27/2010 10:46	12.62	48.42	31.54	8.62	7.94	3.1	2.85	98.8
570	10/27/2010 11:01	12.46	48.91	31.89	8.70	7.94	3.3	2.92	99.6
571	10/27/2010 11:16	12.20	49.23	32.11	8.83	7.94	4.5	2.98	100.7
572	10/27/2010 11:31	12.19	49.17	32.06	8.93	7.94	4.4	3.03	101.8
573	10/27/2010 11:46	12.16	49.23	32.10	9.02	7.95	4.1	3.11	102.8
574	10/27/2010 12:01	12.13	49.36	32.20	9.08	7.95	3.7	3.18	103.4
575	10/27/2010 12:16	12.00	49.41	32.23	9.14	7.95	4.0	3.24	103.9
576	10/27/2010 12:31	11.83	49.60	32.36	9.16	7.95	4.5	3.31	103.8
577	10/27/2010 12:46	11.72	49.70	32.42	9.20	7.95	4.3	3.40	104.0
578	10/27/2010 13:01	11.62	49.68	32.40	9.21	7.95	4.2	3.45	103.9
579	10/27/2010 13:16	11.54	49.73	32.44	9.19	7.95	4.9	3.52	103.6
580	10/27/2010 13:31	11.45	49.93	32.58	9.17	7.95	4.5	3.57	103.2
581	10/27/2010 13:46	11.43	49.79	32.47	9.18	7.95	4.0	3.63	103.2
582	10/27/2010 14:01	11.31	49.72	32.42	9.15	7.95	3.9	3.66	102.5

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	
583	10/27/2010 14:16	11.31	50.04	32.65	9.10	7.95	3.6	3.67	102.1
584	10/27/2010 14:31	11.29	49.81	32.48	9.08	7.95	3.2	3.70	101.8
585	10/27/2010 14:46	11.36	50.14	32.72	9.06	7.94	2.9	3.71	101.9
586	10/27/2010 15:01	11.30	50.05	32.66	9.02	7.94	3.2	3.68	101.3
587	10/27/2010 15:16	11.26	50.12	32.71	9.06	7.94	3.5	3.66	101.6
588	10/27/2010 15:31	11.31	50.25	32.80	9.05	7.94	4.2	3.63	101.7
589	10/27/2010 15:46	11.64	49.77	32.47	9.07	7.96	3.0	3.57	102.4
590	10/27/2010 16:01	12.06	49.11	32.01	9.15	7.93	3.5	3.50	103.9
591	10/27/2010 16:16	11.91	49.57	32.34	9.10	7.91	4.4	3.44	103.2
592	10/27/2010 16:31	12.11	49.15	32.05	9.08	7.91	4.6	3.33	103.3
593	10/27/2010 16:46	12.12	49.12	32.02	9.05	7.91	3.8	3.24	103.0
594	10/27/2010 17:01	12.10	49.13	32.03	9.05	7.96	2.7	3.16	103.0
595	10/27/2010 17:16	12.19	49.04	31.97	8.99	7.91	3.2	3.04	102.4
596	10/27/2010 17:31	12.31	48.83	31.82	8.95	7.91	3.5	2.93	102.1
597	10/27/2010 17:46	12.31	48.60	31.65	8.92	7.91	3.4	2.82	101.6
598	10/27/2010 18:01	12.45	48.83	31.83	8.80	7.96	3.7	2.70	100.6
599	10/27/2010 18:16	12.52	48.08	31.29	8.80	7.91	3.0	2.60	100.5
600	10/27/2010 18:31	12.61	48.55	31.63	8.76	7.91	5.0	2.48	100.4
601	10/27/2010 18:46	12.63	48.12	31.32	8.78	7.97	5.5	2.36	100.5
602	10/27/2010 19:01	12.61	48.28	31.43	8.76	7.98	6.2	2.25	100.3
603	10/27/2010 19:16	12.56	48.18	31.36	8.72	7.97	7.8	2.12	99.8
604	10/27/2010 19:31	12.65	47.88	31.15	8.75	7.98	8.4	2.01	100.2
605	10/27/2010 19:46	12.58	47.86	31.13	8.73	7.98	19.7	1.89	99.7
606	10/27/2010 20:01	12.63	47.73	31.04	8.75	7.93	18.7	1.79	100.0
607	10/27/2010 20:16	12.63	47.73	31.04	8.73	7.99	22.3	1.69	99.8
608	10/27/2010 20:31	12.65	47.76	31.06	8.74	8.00	20.9	1.59	100.0
609	10/27/2010 20:46	12.71	47.38	30.79	8.76	7.94	17.6	1.53	100.2
610	10/27/2010 21:01	12.72	46.95	30.48	8.76	8.06	16.8	1.46	100.0
611	10/27/2010 21:16	12.72	47.53	30.89	8.73	7.95	16.2	1.40	99.8
612	10/27/2010 21:31	12.70	47.29	30.72	8.74	8.00	15.8	1.37	99.8
613	10/27/2010 21:46	12.70	47.15	30.62	8.72	7.95	14.0	1.40	99.6
614	10/27/2010 22:01	12.70	47.38	30.79	8.74	7.95	12.6	1.40	99.8
615	10/27/2010 22:16	12.70	47.30	30.73	8.72	7.99	12.1	1.43	99.6
616	10/27/2010 22:31	12.70	47.43	30.82	8.73	7.95	10.3	1.50	99.7
617	10/27/2010 22:46	12.68	47.41	30.81	8.72	7.94	10.7	1.56	99.6
618	10/27/2010 23:01	12.40	46.15	29.89	8.66	7.96	13.4	1.62	97.8
619	10/27/2010 23:16	12.30	45.56	29.46	8.64	7.95	9.4	1.69	97.0
620	10/27/2010 23:31	12.30	45.68	29.55	8.61	7.95	8.2	1.77	96.9
621	10/27/2010 23:46	12.48	46.36	30.04	8.60	7.96	8.2	1.86	97.3
622	10/28/2010 0:01	12.51	46.52	30.16	8.59	7.96	6.6	1.92	97.3
623	10/28/2010 0:16	12.52	46.92	30.45	8.59	7.96	5.7	1.99	97.6
624	10/28/2010 0:31	12.54	47.04	30.54	8.60	7.95	4.6	2.08	97.8
625	10/28/2010 0:46	12.52	47.55	30.90	8.57	7.95	4.6	2.15	97.7
626	10/28/2010 1:01	12.50	47.52	30.88	8.59	7.95	6.0	2.23	97.8
627	10/28/2010 1:16	12.52	47.44	30.83	8.61	7.95	8.7	2.32	98.0
628	10/28/2010 1:31	12.59	48.21	31.38	8.60	7.95	6.7	2.40	98.4
629	10/28/2010 1:46	12.61	47.99	31.23	8.62	7.95	6.6	2.48	98.5
630	10/28/2010 2:01	12.54	48.18	31.36	8.64	7.95	7.8	2.57	98.7
631	10/28/2010 2:16	12.48	48.29	31.44	8.63	7.95	5.9	2.64	98.6
632	10/28/2010 2:31	12.43	48.72	31.75	8.64	7.95	5.8	2.72	98.8
633	10/28/2010 2:46	12.34	48.39	31.50	8.69	7.95	7.1	2.79	99.0
634	10/28/2010 3:01	12.22	48.80	31.79	8.72	7.95	7.0	2.85	99.3
635	10/28/2010 3:16	12.11	49.06	31.98	8.76	7.94	6.7	2.92	99.6

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	
636	10/28/2010 3:31	12.01	49.12	32.02	8.79	7.94	6.7	3.00	99.7
637	10/28/2010 3:46	11.86	49.20	32.07	8.83	7.94	6.4	3.05	99.9
638	10/28/2010 4:01	11.65	49.48	32.26	8.86	7.94	5.1	3.11	99.9
639	10/28/2010 4:16	11.55	49.54	32.30	8.88	7.94	5.2	3.15	100.0
640	10/28/2010 4:31	11.51	49.51	32.27	8.89	7.94	4.8	3.19	100.0
641	10/28/2010 4:46	11.48	49.69	32.40	8.83	7.94	3.9	3.20	99.4
642	10/28/2010 5:01	11.44	49.67	32.39	8.80	7.94	3.5	3.23	98.9
643	10/28/2010 5:16	11.59	49.36	32.17	8.80	7.94	3.6	3.24	99.1
644	10/28/2010 5:31	11.48	48.68	31.67	8.76	7.93	3.7	3.22	98.1
645	10/28/2010 5:46	11.64	48.83	31.79	8.63	7.92	5.1	3.20	97.0
646	10/28/2010 6:01	11.74	49.27	32.12	8.70	7.93	5.1	3.15	98.3
647	10/28/2010 6:16	11.70	48.91	31.85	8.66	7.93	4.9	3.11	97.5
648	10/28/2010 6:31	11.73	48.90	31.85	8.65	7.93	5.1	3.05	97.5
649	10/28/2010 6:46	11.84	48.59	31.63	8.60	7.93	5.2	2.99	97.1
650	10/28/2010 7:01	12.05	48.81	31.79	8.58	7.93	7.0	2.94	97.3
651	10/28/2010 7:16	12.10	48.81	31.80	8.59	7.93	10.0	2.87	97.6
652	10/28/2010 7:31	12.04	48.50	31.57	8.59	7.88	5.1	2.82	97.3
653	10/28/2010 7:46	12.17	48.73	31.74	8.52	7.93	5.3	2.77	96.9
654	10/28/2010 8:01	12.20	48.53	31.60	8.50	7.93	5.4	2.75	96.5
655	10/28/2010 8:16	12.24	48.32	31.45	8.46	7.88	5.3	2.70	96.1
656	10/28/2010 8:31	12.25	48.12	31.30	8.42	7.88	5.2	2.67	95.6
657	10/28/2010 8:46	12.24	48.35	31.47	8.36	7.93	4.8	2.65	95.0
658	10/28/2010 9:01	12.25	48.21	31.37	8.37	7.93	5.0	2.63	95.1
659	10/28/2010 9:16	12.24	48.58	31.63	8.28	7.92	4.2	2.63	94.2
660	10/28/2010 9:31	12.24	48.48	31.56	8.36	7.93	4.0	2.61	95.1
661	10/28/2010 9:46	12.22	48.46	31.55	8.40	7.88	4.0	2.61	95.5
662	10/28/2010 10:01	12.25	48.10	31.29	8.40	7.93	4.7	2.63	95.4
663	10/28/2010 10:16	12.26	48.32	31.45	8.44	7.93	4.3	2.65	96.0
664	10/28/2010 10:31	12.22	48.58	31.64	8.42	7.93	4.6	2.67	95.8
665	10/28/2010 10:46	12.16	48.72	31.73	8.47	7.93	3.8	2.71	96.3
666	10/28/2010 11:01	12.08	49.02	31.95	8.51	7.93	4.6	2.76	96.7
667	10/28/2010 11:16	12.09	48.90	31.86	8.51	7.93	4.0	2.80	96.7
668	10/28/2010 11:31	11.99	49.02	31.94	8.54	7.93	3.7	2.86	96.9
669	10/28/2010 11:46	11.86	49.24	32.10	8.60	7.93	3.3	2.92	97.3
670	10/28/2010 12:01	11.73	49.19	32.05	8.64	7.93	3.3	2.98	97.5
671	10/28/2010 12:16	11.66	49.49	32.27	8.64	7.93	3.4	3.04	97.4
672	10/28/2010 12:31	11.67	49.13	32.01	8.65	7.93	3.4	3.09	97.5
673	10/28/2010 12:46	11.64	49.32	32.14	8.71	7.93	3.8	3.17	98.2
674	10/28/2010 13:01	11.62	49.45	32.24	8.71	7.93	2.9	3.21	98.2
675	10/28/2010 13:16	11.62	49.37	32.18	8.72	7.93	2.8	3.28	98.3
676	10/28/2010 13:31	11.59	49.47	32.25	8.71	7.93	2.8	3.34	98.1
677	10/28/2010 13:46	11.52	49.67	32.40	8.74	7.94	3.0	3.40	98.4
678	10/28/2010 14:01	11.44	49.61	32.35	8.75	7.94	3.0	3.45	98.3
679	10/28/2010 14:16	11.34	49.82	32.49	8.77	7.94	2.3	3.49	98.5
680	10/28/2010 14:31	11.28	49.70	32.40	8.78	7.94	2.7	3.54	98.3
681	10/28/2010 14:46	11.25	49.51	32.26	8.77	7.94	2.4	3.56	98.2
682	10/28/2010 15:01	11.24	49.79	32.47	8.78	7.94	2.1	3.60	98.3
683	10/28/2010 15:16	11.26	49.55	32.29	8.73	7.94	1.9	3.60	97.7
684	10/28/2010 15:31	11.30	49.43	32.21	8.67	7.93	1.5	3.62	97.1
685	10/28/2010 15:46	11.24	49.81	32.48	8.65	7.93	2.0	3.62	96.9
686	10/28/2010 16:01	11.25	49.57	32.30	8.70	7.93	1.9	3.61	97.4
687	10/28/2010 16:16	11.29	49.48	32.24	8.69	7.93	2.3	3.57	97.3
688	10/28/2010 16:31	11.51	49.32	32.14	8.71	7.94	3.5	3.52	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	DO%
			mS/cm		mg/L		NTU	meters	
689	10/28/2010 16:46	11.56	49.20	32.06	8.68	7.93	3.5	3.46	97.6
690	10/28/2010 17:01	11.67	48.87	31.82	8.67	7.93	3.3	3.39	97.6
691	10/28/2010 17:16	11.78	49.01	31.93	8.61	7.93	4.7	3.30	97.2
692	10/28/2010 17:31	11.82	48.72	31.72	8.58	7.93	5.0	3.21	96.8
693	10/28/2010 17:46	11.87	48.88	31.83	8.50	7.88	3.8	3.14	96.1
694	10/28/2010 18:01	11.91	49.04	31.96	8.47	7.92	4.0	3.04	95.9
695	10/28/2010 18:16	11.91	48.80	31.78	8.43	7.92	3.7	2.94	95.3
696	10/28/2010 18:31	11.98	48.52	31.58	8.39	7.87	4.5	2.84	94.9
697	10/28/2010 18:46	12.06	48.69	31.71	8.35	7.92	6.3	2.75	94.7
698	10/28/2010 19:01	12.10	48.53	31.59	8.21	7.91	4.5	2.66	93.1
699	10/28/2010 19:16	12.13	48.61	31.65	8.06	7.90	4.4	2.55	91.5
700	10/28/2010 19:31	12.17	48.50	31.58	8.08	7.90	5.9	2.44	91.8
701	10/28/2010 19:46	12.19	48.10	31.29	8.17	7.86	6.0	2.34	92.7
702	10/28/2010 20:01	12.17	47.99	31.20	8.14	7.91	6.0	2.23	92.2
703	10/28/2010 20:16	12.19	48.14	31.32	8.15	7.91	6.8	2.10	92.5
704	10/28/2010 20:31	12.22	47.97	31.19	8.14	7.91	7.3	1.99	92.3
705	10/28/2010 20:46	12.22	47.65	30.97	8.09	7.86	6.7	1.90	91.6
706	10/28/2010 21:01	12.25	47.81	31.08	8.07	7.91	7.0	1.82	91.5
707	10/28/2010 21:16	12.24	47.94	31.17	8.03	7.90	6.7	1.69	91.1
708	10/28/2010 21:31	12.30	47.77	31.05	8.06	7.91	6.5	1.62	91.5
709	10/28/2010 21:46	12.30	47.45	30.82	8.05	7.91	6.3	1.56	91.2
710	10/28/2010 22:01	12.31	47.17	30.62	8.02	7.90	5.4	1.52	90.8
711	10/28/2010 22:16	12.31	47.24	30.67	8.00	7.86	4.7	1.46	90.6
712	10/28/2010 22:31	12.26	46.96	30.47	7.99	7.90	4.3	1.44	90.3
713	10/28/2010 22:46	12.25	47.18	30.63	8.01	7.90	4.5	1.49	90.6
714	10/28/2010 23:01	12.26	47.30	30.71	8.04	7.90	4.1	1.50	91.0
715	10/28/2010 23:16	12.29	47.34	30.74	8.07	7.91	4.2	1.52	91.4
716	10/28/2010 23:31	12.28	47.24	30.67	8.06	7.90	4.3	1.58	91.2
717	10/28/2010 23:46	12.25	47.25	30.68	8.07	7.90	4.2	1.64	91.3
718	10/29/2010 0:01	12.24	46.91	30.43	8.07	7.90	4.2	1.70	91.1
719	10/29/2010 0:16	12.25	47.16	30.61	8.04	7.90	4.3	1.80	90.9
720	10/29/2010 0:31	12.22	47.10	30.56	8.06	7.90	4.2	1.87	91.1
721	10/29/2010 0:46	12.22	46.99	30.49	8.08	7.90	4.3	1.93	91.2
722	10/29/2010 1:01	12.24	47.09	30.56	8.04	7.90	4.3	1.97	90.9
723	10/29/2010 1:16	12.22	46.91	30.43	8.07	7.90	4.1	2.05	91.1
724	10/29/2010 1:31	12.22	46.95	30.46	8.10	7.90	4.4	2.15	91.4
725	10/29/2010 1:46	12.19	47.27	30.69	8.12	7.90	4.6	2.23	91.7
726	10/29/2010 2:01	12.21	48.02	31.23	8.15	7.91	4.7	2.32	92.4
727	10/29/2010 2:16	12.22	47.89	31.13	8.18	7.91	4.5	2.38	92.7
728	10/29/2010 2:31	12.21	48.06	31.26	8.18	7.91	4.8	2.45	92.8
729	10/29/2010 2:46	12.19	48.25	31.40	8.19	7.91	5.2	2.55	92.9
730	10/29/2010 3:01	12.18	48.31	31.44	8.20	7.91	5.9	2.62	93.0
731	10/29/2010 3:16	12.12	47.89	31.13	8.26	7.91	6.3	2.69	93.5
732	10/29/2010 3:31	12.03	48.19	31.35	8.29	7.91	6.2	2.74	93.8
733	10/29/2010 3:46	11.98	48.12	31.29	8.32	7.91	5.9	2.83	93.9
734	10/29/2010 4:01	11.90	48.13	31.30	8.37	7.91	6.3	2.90	94.3
735	10/29/2010 4:16	11.85	48.52	31.58	8.39	7.91	6.5	2.95	94.6
736	10/29/2010 4:31	11.81	48.67	31.68	8.40	7.91	5.5	3.01	94.8
737	10/29/2010 4:46	11.78	48.56	31.60	8.40	7.92	4.6	3.07	94.6
738	10/29/2010 5:01	11.73	48.58	31.62	8.44	7.92	5.1	3.10	95.0
739	10/29/2010 5:16	11.62	48.70	31.70	8.49	7.92	4.7	3.15	95.3
740	10/29/2010 5:31	11.53	49.03	31.93	8.49	7.92	4.7	3.21	95.4
741	10/29/2010 5:46	11.49	48.88	31.82	8.50	7.92	4.1	3.23	95.2

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	
742	10/29/2010 6:01	11.55	48.92	31.85	8.41	7.91	3.1	3.23	94.4
743	10/29/2010 6:16	11.47	49.01	31.91	8.46	7.91	3.7	3.23	94.8
744	10/29/2010 6:31	11.46	48.93	31.86	8.50	7.91	3.7	3.20	95.3
745	10/29/2010 6:46	11.50	49.01	31.91	8.48	7.91	4.3	3.15	95.1
746	10/29/2010 7:01	11.63	48.92	31.85	8.37	7.91	4.4	3.13	94.2
747	10/29/2010 7:16	11.80	48.82	31.79	8.22	7.90	5.0	3.09	92.7
748	10/29/2010 7:31	11.88	48.41	31.50	8.10	7.89	4.7	3.02	91.4
749	10/29/2010 7:46	11.90	48.41	31.50	8.04	7.89	4.3	2.97	90.7
750	10/29/2010 8:01	11.89	48.35	31.46	8.05	7.89	4.2	2.90	90.9
751	10/29/2010 8:16	11.90	48.26	31.39	8.02	7.89	3.9	2.87	90.4
752	10/29/2010 8:31	11.91	48.14	31.31	7.99	7.88	3.6	2.80	90.0
753	10/29/2010 8:46	11.95	48.37	31.47	7.90	7.88	3.6	2.76	89.3
754	10/29/2010 9:01	11.98	47.86	31.10	7.91	7.88	3.7	2.73	89.2
755	10/29/2010 9:16	11.99	48.24	31.38	7.89	7.88	3.4	2.68	89.1
756	10/29/2010 9:31	12.01	47.69	30.98	7.87	7.88	3.4	2.67	88.7
757	10/29/2010 9:46	12.05	47.80	31.07	7.88	7.88	3.3	2.62	89.0
758	10/29/2010 10:01	12.07	47.55	30.89	7.84	7.88	3.4	2.62	88.5
759	10/29/2010 10:16	12.09	47.76	31.04	7.85	7.88	3.2	2.61	88.7
760	10/29/2010 10:31	12.09	48.02	31.23	7.79	7.88	2.7	2.58	88.1
761	10/29/2010 10:46	12.09	47.70	31.00	7.78	7.88	3.2	2.57	87.9
762	10/29/2010 11:01	12.06	47.73	31.02	7.82	7.88	3.0	2.60	88.3
763	10/29/2010 11:16	12.05	48.13	31.30	7.84	7.88	3.2	2.59	88.7
764	10/29/2010 11:31	12.04	47.50	30.85	7.87	7.87	3.3	2.61	88.7
765	10/29/2010 11:46	12.05	47.90	31.14	7.87	7.87	3.4	2.64	88.9
766	10/29/2010 12:01	12.01	48.13	31.30	7.89	7.88	3.5	2.68	89.2
767	10/29/2010 12:16	12.01	48.07	31.26	7.98	7.88	3.7	2.71	90.1
768	10/29/2010 12:31	12.02	48.08	31.27	8.00	7.88	3.2	2.76	90.4
769	10/29/2010 12:46	11.98	48.33	31.45	7.99	7.88	3.2	2.81	90.3
770	10/29/2010 13:01	11.93	48.15	31.31	8.08	7.89	3.2	2.86	91.2
771	10/29/2010 13:16	11.87	48.45	31.52	8.14	7.89	3.1	2.92	91.9
772	10/29/2010 13:31	11.87	48.50	31.56	8.21	7.89	3.2	2.95	92.6
773	10/29/2010 13:46	11.69	48.75	31.74	8.27	7.90	3.3	3.02	93.1
774	10/29/2010 14:01	11.67	48.96	31.88	8.33	7.90	3.3	3.07	93.8
775	10/29/2010 14:16	11.68	48.89	31.83	8.38	7.91	3.1	3.10	94.3
776	10/29/2010 14:31	11.65	48.96	31.88	8.46	7.91	2.6	3.18	95.2
777	10/29/2010 14:46	11.63	48.98	31.90	8.49	7.91	2.6	3.22	95.5
778	10/29/2010 15:01	11.60	49.31	32.14	8.49	7.91	2.6	3.27	95.6
779	10/29/2010 15:16	11.53	49.17	32.03	8.54	7.91	2.6	3.32	96.0
780	10/29/2010 15:31	11.51	48.96	31.88	8.59	7.92	2.6	3.38	96.4
781	10/29/2010 15:46	11.48	49.01	31.91	8.62	7.92	2.6	3.41	96.7
782	10/29/2010 16:01	11.46	49.10	31.97	8.61	7.92	2.9	3.43	96.6
783	10/29/2010 16:16	11.44	49.30	32.12	8.62	7.92	2.7	3.47	96.7
784	10/29/2010 16:31	11.44	49.19	32.04	8.59	7.92	2.4	3.49	96.4
785	10/29/2010 16:46	11.47	49.30	32.12	8.59	7.92	2.4	3.49	96.5
786	10/29/2010 17:01	11.45	49.31	32.13	8.55	7.92	2.4	3.46	96.0
787	10/29/2010 17:16	11.46	49.28	32.10	8.61	7.92	3.2	3.44	96.7
788	10/29/2010 17:31	11.50	49.19	32.05	8.59	7.92	3.1	3.41	96.4
789	10/29/2010 17:46	11.75	49.10	31.99	8.60	7.92	2.9	3.35	97.1
790	10/29/2010 18:01	11.89	48.89	31.84	8.61	7.93	3.2	3.28	97.3
791	10/29/2010 18:16	12.15	48.48	31.56	8.66	7.94	3.5	3.22	98.3
792	10/29/2010 18:31	12.10	48.49	31.56	8.57	7.88	3.6	3.14	97.2
793	10/29/2010 18:46	12.16	48.36	31.48	8.58	7.93	3.7	3.04	97.4
794	10/29/2010 19:01	12.26	48.09	31.29	8.60	7.89	4.6	2.96	97.7

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	
795	10/29/2010 19:16	12.32	48.43	31.53	8.67	7.94	3.3	2.87	98.7
796	10/29/2010 19:31	12.26	48.38	31.49	8.57	7.93	3.2	2.79	97.4
797	10/29/2010 19:46	12.34	48.24	31.39	8.54	7.94	3.4	2.69	97.2
798	10/29/2010 20:01	12.39	47.67	30.99	8.52	7.89	4.2	2.59	96.8
799	10/29/2010 20:16	12.41	48.08	31.28	8.52	7.93	4.5	2.51	97.0
800	10/29/2010 20:31	12.43	48.03	31.24	8.49	7.93	4.7	2.40	96.7
801	10/29/2010 20:46	12.45	47.71	31.02	8.41	7.93	5.5	2.28	95.8
802	10/29/2010 21:01	12.44	47.51	30.87	8.34	7.87	5.4	2.19	94.8
803	10/29/2010 21:16	12.47	47.57	30.92	8.34	7.87	5.4	2.09	95.0
804	10/29/2010 21:31	12.49	47.61	30.94	8.33	7.87	5.7	1.97	94.8
805	10/29/2010 21:46	12.53	47.53	30.89	8.33	7.92	4.6	1.88	94.9
806	10/29/2010 22:01	12.53	47.49	30.86	8.33	7.92	4.0	1.81	94.9
807	10/29/2010 22:16	12.59	47.08	30.57	8.45	7.89	3.5	1.70	96.2
808	10/29/2010 22:31	12.62	47.30	30.73	8.51	7.89	3.4	1.63	97.0
809	10/29/2010 22:46	12.64	47.06	30.55	8.55	7.94	3.1	1.59	97.4
810	10/29/2010 23:01	12.65	47.05	30.55	8.53	7.89	3.0	1.54	97.2
811	10/29/2010 23:16	12.66	47.24	30.69	8.51	7.94	2.8	1.51	97.1
812	10/29/2010 23:31	12.67	47.01	30.52	8.57	7.95	2.9	1.52	97.7
813	10/29/2010 23:46	12.63	47.38	30.79	8.56	7.94	2.6	1.53	97.6
814	10/30/2010 0:01	12.63	47.06	30.56	8.53	7.94	2.6	1.55	97.2
815	10/30/2010 0:16	12.62	47.34	30.75	8.50	7.94	2.7	1.58	97.0
816	10/30/2010 0:31	12.62	47.34	30.76	8.51	7.94	2.5	1.64	97.1
817	10/30/2010 0:46	12.61	47.08	30.57	8.51	7.93	2.6	1.69	96.9
818	10/30/2010 1:01	12.62	46.68	30.28	8.43	7.92	3.1	1.76	95.9
819	10/30/2010 1:16	12.62	46.48	30.13	8.42	7.91	3.0	1.82	95.7
820	10/30/2010 1:31	12.62	46.43	30.10	8.41	7.91	2.9	1.88	95.5
821	10/30/2010 1:46	12.60	46.65	30.26	8.39	7.91	2.7	1.95	95.3
822	10/30/2010 2:01	12.58	47.02	30.52	8.35	7.91	2.8	2.03	95.0
823	10/30/2010 2:16	12.57	46.97	30.48	8.35	7.91	3.0	2.10	95.0
824	10/30/2010 2:31	12.51	47.31	30.73	8.30	7.91	2.8	2.18	94.4
825	10/30/2010 2:46	12.47	47.12	30.59	8.29	7.90	2.6	2.27	94.2
826	10/30/2010 3:01	12.39	47.70	31.00	8.19	7.90	3.2	2.33	93.1
827	10/30/2010 3:16	12.36	47.47	30.84	8.17	7.90	3.2	2.41	92.7
828	10/30/2010 3:31	12.33	47.89	31.14	8.15	7.90	3.2	2.50	92.6
829	10/30/2010 3:46	12.32	48.05	31.26	8.16	7.90	4.3	2.58	92.7
830	10/30/2010 4:01	12.27	48.05	31.26	8.19	7.90	3.8	2.64	93.1
831	10/30/2010 4:16	12.22	48.08	31.27	8.19	7.90	3.7	2.72	92.9
832	10/30/2010 4:31	12.15	48.13	31.31	8.20	7.90	4.2	2.80	92.9
833	10/30/2010 4:46	12.07	47.91	31.14	8.24	7.90	5.2	2.87	93.1
834	10/30/2010 5:01	11.98	48.24	31.38	8.33	7.90	5.8	2.92	94.1
835	10/30/2010 5:16	11.94	48.33	31.45	8.36	7.91	5.0	2.99	94.4
836	10/30/2010 5:31	11.88	48.73	31.73	8.39	7.91	4.3	3.06	94.8
837	10/30/2010 5:46	11.80	48.28	31.40	8.46	7.91	4.6	3.12	95.3
838	10/30/2010 6:01	11.76	48.66	31.68	8.47	7.91	4.5	3.17	95.4
839	10/30/2010 6:16	11.73	48.76	31.74	8.46	7.91	3.9	3.22	95.3
840	10/30/2010 6:31	11.66	48.90	31.84	8.52	7.91	3.8	3.25	95.8
841	10/30/2010 6:46	11.62	48.98	31.90	8.50	7.92	2.9	3.28	95.6
842	10/30/2010 7:01	11.66	48.55	31.59	8.47	7.91	3.1	3.28	95.1
843	10/30/2010 7:16	11.63	48.84	31.79	8.47	7.91	3.8	3.27	95.2
844	10/30/2010 7:31	11.62	48.88	31.82	8.50	7.91	3.4	3.26	95.5
845	10/30/2010 7:46	11.63	49.12	32.00	8.48	7.91	3.7	3.22	95.5
846	10/30/2010 8:01	11.91	48.31	31.42	8.11	7.89	4.6	3.18	91.5
847	10/30/2010 8:16	11.87	48.46	31.53	8.23	7.90	3.6	3.11	92.9

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	
848	10/30/2010 8:31	11.99	48.23	31.38	7.96	7.87	3.4	3.06	90.0
849	10/30/2010 8:46	11.96	47.84	31.09	8.10	7.88	5.6	3.00	91.3
850	10/30/2010 9:01	11.96	48.34	31.45	8.08	7.88	2.6	2.92	91.2
851	10/30/2010 9:16	11.99	48.40	31.49	8.04	7.88	2.6	2.88	90.9
852	10/30/2010 9:31	12.06	48.30	31.43	7.97	7.88	2.5	2.83	90.2
853	10/30/2010 9:46	12.10	47.98	31.19	7.91	7.87	2.6	2.77	89.5
854	10/30/2010 10:01	12.14	47.93	31.16	7.90	7.87	2.3	2.72	89.4
855	10/30/2010 10:16	12.16	47.87	31.12	7.85	7.87	2.3	2.68	88.8
856	10/30/2010 10:31	12.19	47.98	31.20	7.81	7.87	2.3	2.64	88.6
857	10/30/2010 10:46	12.25	47.91	31.16	7.80	7.87	2.3	2.60	88.5
858	10/30/2010 11:01	12.31	47.67	30.98	7.89	7.87	2.1	2.58	89.6
859	10/30/2010 11:16	12.34	47.57	30.91	7.83	7.87	2.1	2.55	88.9
860	10/30/2010 11:31	12.36	47.51	30.87	7.84	7.87	1.8	2.52	88.9
861	10/30/2010 11:46	12.38	47.52	30.88	7.87	7.87	2.4	2.51	89.4
862	10/30/2010 12:01	12.29	47.87	31.12	7.80	7.87	1.8	2.52	88.5
863	10/30/2010 12:16	12.29	47.83	31.10	7.79	7.86	2.0	2.51	88.4
864	10/30/2010 12:31	12.32	47.52	30.88	7.79	7.87	1.9	2.51	88.3
865	10/30/2010 12:46	12.25	47.68	30.99	7.83	7.87	2.3	2.54	88.7
866	10/30/2010 13:01	12.29	47.66	30.97	7.90	7.87	2.2	2.58	89.6
867	10/30/2010 13:16	12.26	47.50	30.85	7.88	7.87	2.6	2.61	89.2
868	10/30/2010 13:31	12.38	47.70	31.01	8.05	7.88	2.2	2.64	91.5
869	10/30/2010 13:46	12.32	47.54	30.89	8.05	7.88	2.1	2.69	91.3
870	10/30/2010 14:01	12.28	47.75	31.04	7.98	7.87	2.2	2.72	90.5
871	10/30/2010 14:16	12.25	47.81	31.08	8.04	7.88	2.1	2.77	91.2
872	10/30/2010 14:31	12.26	47.89	31.13	8.10	7.88	2.1	2.83	91.9
873	10/30/2010 14:46	12.19	47.89	31.13	8.14	7.88	2.1	2.88	92.2
874	10/30/2010 15:01	12.00	48.50	31.57	8.17	7.89	2.4	2.93	92.5
875	10/30/2010 15:16	11.98	48.39	31.49	8.29	7.90	2.6	2.99	93.7
876	10/30/2010 15:31	12.03	48.42	31.51	8.34	7.90	2.3	3.04	94.4
877	10/30/2010 15:46	11.95	48.25	31.39	8.40	7.90	2.3	3.10	94.9
878	10/30/2010 16:01	11.91	48.71	31.71	8.40	7.91	2.1	3.15	94.9
879	10/30/2010 16:16	11.92	48.54	31.59	8.44	7.91	2.3	3.21	95.4
880	10/30/2010 16:31	11.84	48.86	31.82	8.49	7.91	2.4	3.26	95.9
881	10/30/2010 16:46	11.78	48.97	31.90	8.54	7.91	2.5	3.31	96.3
882	10/30/2010 17:01	11.74	49.08	31.97	8.54	7.92	2.2	3.35	96.4
883	10/30/2010 17:16	11.73	48.97	31.89	8.54	7.92	2.4	3.37	96.3
884	10/30/2010 17:31	11.70	49.03	31.94	8.53	7.92	2.1	3.40	96.1
885	10/30/2010 17:46	11.74	48.69	31.69	8.48	7.91	1.7	3.41	95.5
886	10/30/2010 18:01	11.72	49.02	31.93	8.49	7.91	1.9	3.42	95.7
887	10/30/2010 18:16	11.69	49.10	31.99	8.50	7.92	2.3	3.40	95.7
888	10/30/2010 18:31	11.89	48.65	31.67	8.51	7.92	2.1	3.38	96.2
889	10/30/2010 18:46	11.93	48.91	31.86	8.73	7.94	2.5	3.34	98.8
890	10/30/2010 19:01	12.10	48.65	31.68	8.52	7.92	6.5	3.30	96.6
891	10/30/2010 19:16	12.08	48.36	31.47	8.37	7.90	2.8	3.23	94.8
892	10/30/2010 19:31	12.03	48.69	31.71	8.34	7.90	2.5	3.17	94.5
893	10/30/2010 19:46	12.11	48.32	31.44	8.41	7.91	2.6	3.09	95.3
894	10/30/2010 20:01	12.20	48.20	31.36	8.44	7.91	4.4	3.00	95.8
895	10/30/2010 20:16	12.24	48.31	31.44	8.41	7.91	2.7	2.93	95.5
896	10/30/2010 20:31	12.29	47.90	31.15	8.42	7.91	3.1	2.84	95.6
897	10/30/2010 20:46	12.38	47.98	31.21	8.42	7.91	2.9	2.74	95.8
898	10/30/2010 21:01	12.44	48.02	31.24	8.44	7.92	3.1	2.64	96.2
899	10/30/2010 21:16	12.53	47.67	30.99	8.50	7.93	2.9	2.57	96.9
900	10/30/2010 21:31	12.57	47.39	30.79	8.61	7.93	3.4	2.47	98.1

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	10/30/2010 21:46	12.58	47.30	30.72	8.60	7.89	3.7	2.36	97.9
902	10/30/2010 22:01	12.62	47.71	31.02	8.59	7.94	4.8	2.27	98.1
903	10/30/2010 22:16	12.66	47.33	30.75	8.61	7.94	4.5	2.19	98.3
904	10/30/2010 22:31	12.65	47.51	30.88	8.57	7.93	4.3	2.08	97.8
905	10/30/2010 22:46	12.67	47.36	30.77	8.58	7.94	4.4	1.99	98.0
906	10/30/2010 23:01	12.68	47.02	30.53	8.60	7.94	6.1	1.92	98.0
907	10/30/2010 23:16	12.71	47.17	30.64	8.61	7.94	4.2	1.84	98.3
908	10/30/2010 23:31	12.72	47.14	30.62	8.62	7.94	4.8	1.77	98.4
909	10/30/2010 23:46	12.74	46.99	30.50	8.66	7.95	4.5	1.72	98.8
910	10/31/2010 0:01	12.76	46.77	30.35	8.68	7.95	4.5	1.67	99.0
911	10/31/2010 0:16	12.77	47.08	30.57	8.71	7.96	3.5	1.64	99.6
912	10/31/2010 0:31	12.76	47.17	30.64	8.66	7.96	4.3	1.64	99.0
913	10/31/2010 0:46	12.75	47.19	30.66	8.67	7.96	4.0	1.62	99.1
914	10/31/2010 1:01	12.74	47.01	30.52	8.68	7.95	3.8	1.67	99.1
915	10/31/2010 1:16	12.71	47.21	30.67	8.61	7.94	3.5	1.68	98.4
916	10/31/2010 1:31	12.70	47.01	30.52	8.61	7.94	2.9	1.74	98.2
917	10/31/2010 1:46	12.68	47.31	30.74	8.56	7.94	3.2	1.81	97.8
918	10/31/2010 2:01	12.69	46.45	30.12	8.54	7.93	3.4	1.84	97.2
919	10/31/2010 2:16	12.67	47.06	30.56	8.53	7.93	3.0	1.92	97.2
920	10/31/2010 2:31	12.68	47.00	30.51	8.50	7.93	3.0	2.00	96.9
921	10/31/2010 2:46	12.66	46.97	30.49	8.50	7.92	3.0	2.06	96.9
922	10/31/2010 3:01	12.65	47.00	30.51	8.48	7.92	2.7	2.14	96.6
923	10/31/2010 3:16	12.62	47.02	30.52	8.45	7.92	2.6	2.21	96.2
924	10/31/2010 3:31	12.55	47.06	30.55	8.38	7.91	2.5	2.29	95.3
925	10/31/2010 3:46	12.50	47.57	30.92	8.31	7.91	2.5	2.38	94.6
926	10/31/2010 4:01	12.47	47.29	30.71	8.28	7.90	2.9	2.44	94.1
927	10/31/2010 4:16	12.45	47.43	30.82	8.27	7.90	2.8	2.52	94.0
928	10/31/2010 4:31	12.43	47.66	30.98	8.22	7.90	3.3	2.62	93.5
929	10/31/2010 4:46	12.42	47.77	31.06	8.21	7.89	3.8	2.69	93.4
930	10/31/2010 5:01	12.36	47.79	31.07	8.20	7.89	4.1	2.76	93.3
931	10/31/2010 5:16	12.31	48.05	31.26	8.20	7.89	4.2	2.85	93.2
932	10/31/2010 5:31	12.26	48.10	31.29	8.21	7.89	5.1	2.92	93.3
933	10/31/2010 5:46	12.16	48.16	31.33	8.26	7.89	6.0	3.01	93.6
934	10/31/2010 6:01	12.07	48.31	31.43	8.33	7.90	6.7	3.08	94.4
935	10/31/2010 6:16	11.98	48.26	31.39	8.42	7.91	6.3	3.15	95.1
936	10/31/2010 6:31	11.88	48.59	31.63	8.48	7.91	7.2	3.22	95.8
937	10/31/2010 6:46	11.79	48.37	31.47	8.55	7.92	6.8	3.29	96.3
938	10/31/2010 7:01	11.72	48.79	31.76	8.59	7.92	6.0	3.34	96.7
939	10/31/2010 7:16	11.69	48.73	31.72	8.61	7.93	5.6	3.39	96.9
940	10/31/2010 7:31	11.67	48.67	31.67	8.60	7.93	4.3	3.43	96.7
941	10/31/2010 7:46	11.67	48.68	31.69	8.56	7.93	3.2	3.44	96.3
942	10/31/2010 8:01	11.74	48.66	31.67	8.46	7.92	4.4	3.46	95.2
943	10/31/2010 8:16	11.67	48.61	31.64	8.53	7.93	3.7	3.45	95.9
944	10/31/2010 8:31	11.67	48.71	31.71	8.56	7.93	3.7	3.42	96.3
945	10/31/2010 8:46	11.69	48.77	31.75	8.53	7.92	5.1	3.37	96.0
946	10/31/2010 9:01	12.00	48.45	31.53	8.19	7.89	3.7	3.32	92.6
947	10/31/2010 9:16	12.03	47.92	31.15	8.22	7.89	4.5	3.25	92.8
948	10/31/2010 9:31	12.11	48.30	31.42	8.17	7.89	3.5	3.18	92.6
949	10/31/2010 9:46	12.09	47.81	31.07	8.25	7.89	4.5	3.11	93.3
950	10/31/2010 10:01	12.15	48.20	31.36	8.23	7.89	3.7	3.03	93.2
951	10/31/2010 10:16	12.24	48.13	31.31	8.17	7.89	3.0	2.96	92.8
952	10/31/2010 10:31	12.33	47.78	31.06	8.18	7.89	2.5	2.89	92.9
953	10/31/2010 10:46	12.42	47.97	31.20	8.10	7.88	2.6	2.83	92.3

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	
954	10/31/2010 11:01	12.44	47.69	31.00	8.09	7.88	2.4	2.76	92.1
955	10/31/2010 11:16	12.51	47.46	30.84	8.07	7.88	2.1	2.72	91.9
956	10/31/2010 11:31	12.60	47.78	31.07	8.17	7.89	2.3	2.65	93.3
957	10/31/2010 11:46	12.70	47.71	31.02	8.33	7.90	2.2	2.60	95.3
958	10/31/2010 12:01	12.75	47.31	30.74	8.40	7.90	2.3	2.54	96.0
959	10/31/2010 12:16	12.80	47.40	30.81	8.49	7.91	2.1	2.50	97.3
960	10/31/2010 12:31	12.82	47.32	30.75	8.47	7.91	2.1	2.46	97.0
961	10/31/2010 12:46	12.87	47.14	30.62	8.51	7.92	2.0	2.41	97.5
962	10/31/2010 13:01	12.91	47.53	30.91	8.51	7.92	2.0	2.39	97.7
963	10/31/2010 13:16	12.94	47.32	30.76	8.52	7.92	3.2	2.38	97.8
964	10/31/2010 13:31	12.97	46.97	30.51	8.48	7.92	2.2	2.36	97.2
965	10/31/2010 13:46	12.97	47.41	30.82	8.47	7.92	11.1	2.36	97.4
966	10/31/2010 14:01	12.89	47.34	30.77	8.39	7.91	2.2	2.37	96.2
967	10/31/2010 14:16	12.80	47.40	30.81	8.35	7.90	2.0	2.41	95.6
968	10/31/2010 14:31	12.89	47.43	30.83	8.48	7.91	2.2	2.45	97.2
969	10/31/2010 14:46	12.90	47.50	30.88	8.44	7.91	3.0	2.49	96.9
970	10/31/2010 15:01	12.91	47.46	30.85	8.41	7.90	2.9	2.53	96.5
971	10/31/2010 15:16	12.83	47.38	30.79	8.32	7.89	2.6	2.59	95.3
972	10/31/2010 15:31	12.76	47.56	30.92	8.30	7.89	2.6	2.66	95.0
973	10/31/2010 15:46	12.71	47.88	31.15	8.27	7.89	2.1	2.71	94.8
974	10/31/2010 16:01	12.64	47.57	30.92	8.26	7.89	2.3	2.77	94.3
975	10/31/2010 16:16	12.47	47.97	31.21	8.26	7.89	2.6	2.83	94.2
976	10/31/2010 16:31	12.44	47.90	31.15	8.30	7.90	2.3	2.89	94.5
977	10/31/2010 16:46	12.45	47.93	31.18	8.33	7.90	2.3	2.94	94.9
978	10/31/2010 17:01	12.42	47.96	31.20	8.33	7.90	2.4	3.00	94.9
979	10/31/2010 17:16	12.38	48.00	31.22	8.32	7.90	2.2	3.06	94.7
980	10/31/2010 17:31	12.31	48.13	31.32	8.33	7.90	2.1	3.12	94.7
981	10/31/2010 17:46	12.26	48.03	31.24	8.36	7.90	2.2	3.18	95.0
982	10/31/2010 18:01	12.20	48.45	31.54	8.37	7.91	2.5	3.23	95.1
983	10/31/2010 18:16	12.19	48.48	31.56	8.38	7.91	2.2	3.27	95.2
984	10/31/2010 18:31	12.14	48.66	31.69	8.40	7.91	2.1	3.32	95.4
985	10/31/2010 18:46	12.11	48.60	31.64	8.42	7.91	2.3	3.35	95.5
986	10/31/2010 19:01	12.08	48.16	31.33	8.41	7.92	2.1	3.38	95.2
987	10/31/2010 19:16	12.11	48.65	31.68	8.36	7.91	1.9	3.39	94.9
988	10/31/2010 19:31	12.11	48.66	31.69	8.31	7.91	1.5	3.40	94.3
989	10/31/2010 19:46	12.08	48.73	31.74	8.30	7.91	2.2	3.39	94.2
990	10/31/2010 20:01	12.07	48.53	31.59	8.35	7.91	2.1	3.38	94.7
991	10/31/2010 20:16	12.09	48.48	31.55	8.37	7.91	2.9	3.32	94.9
992	10/31/2010 20:31	12.35	48.07	31.27	8.33	7.91	2.6	3.26	94.8
993	10/31/2010 20:46	12.25	48.18	31.35	8.23	7.89	2.4	3.21	93.5
994	10/31/2010 21:01	12.28	48.16	31.33	8.25	7.89	2.6	3.13	93.7
995	10/31/2010 21:16	12.32	48.31	31.44	8.24	7.89	2.6	3.04	93.8
996	10/31/2010 21:31	12.39	48.08	31.28	8.17	7.88	2.7	2.95	93.0
997	10/31/2010 21:46	12.47	48.26	31.41	8.22	7.89	2.8	2.87	93.9
998	10/31/2010 22:01	12.59	47.87	31.14	8.26	7.89	3.2	2.79	94.4
999	10/31/2010 22:16	12.70	47.87	31.14	8.26	7.89	3.6	2.69	94.6
1000	10/31/2010 22:31	12.79	47.60	30.95	8.32	7.90	3.8	2.60	95.3
1001	10/31/2010 22:46	12.87	47.56	30.93	8.41	7.87	3.5	2.52	96.5
1002	10/31/2010 23:01	12.95	47.23	30.69	8.42	7.92	4.2	2.43	96.7
1003	10/31/2010 23:16	13.01	47.50	30.89	8.43	7.93	3.9	2.32	97.0
1004	10/31/2010 23:31	13.05	47.09	30.59	8.47	7.89	4.1	2.22	97.4
1005	10/31/2010 23:46	13.11	47.12	30.62	8.53	7.94	4.1	2.14	98.2
1006	11/1/2010 0:01	13.17	47.14	30.63	8.53	7.95	3.7	2.03	98.3

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	
1007	11/1/2010 0:16	13.21	47.20	30.67	8.53	7.96	3.8	1.96	98.5
1008	11/1/2010 0:31	13.23	47.25	30.71	8.55	7.96	3.2	1.89	98.7
1009	11/1/2010 0:46	13.25	47.02	30.55	8.54	7.91	3.5	1.83	98.5
1010	11/1/2010 1:01	13.27	47.11	30.61	8.51	7.96	3.1	1.77	98.3
1011	11/1/2010 1:16	13.29	46.79	30.39	8.58	7.92	3.2	1.74	99.1
1012	11/1/2010 1:31	13.32	46.59	30.24	8.63	7.98	3.2	1.74	99.6
1013	11/1/2010 1:46	13.26	47.13	30.63	8.60	7.97	3.3	1.73	99.3
1014	11/1/2010 2:01	13.21	47.16	30.65	8.67	7.97	2.6	1.76	100.0
1015	11/1/2010 2:16	13.20	47.09	30.60	8.54	7.96	3.2	1.79	98.5
1016	11/1/2010 2:31	13.17	47.17	30.65	8.57	7.96	2.9	1.84	98.9
1017	11/1/2010 2:46	13.16	47.03	30.55	8.57	7.95	2.6	1.91	98.7
1018	11/1/2010 3:01	13.16	46.95	30.49	8.54	7.94	3.0	1.98	98.3
1019	11/1/2010 3:16	13.14	46.92	30.47	8.55	7.95	2.6	2.05	98.4
1020	11/1/2010 3:31	13.12	46.59	30.23	8.52	7.94	2.6	2.12	97.9
1021	11/1/2010 3:46	13.10	47.13	30.62	8.46	7.94	2.4	2.20	97.4
1022	11/1/2010 4:01	13.05	47.22	30.69	8.42	7.93	2.5	2.28	96.9
1023	11/1/2010 4:16	12.97	47.13	30.62	8.34	7.92	2.6	2.35	95.7
1024	11/1/2010 4:31	12.90	47.59	30.95	8.27	7.91	2.4	2.44	95.0
1025	11/1/2010 4:46	12.84	47.41	30.82	8.23	7.90	2.9	2.52	94.3
1026	11/1/2010 5:01	12.78	47.50	30.88	8.21	7.89	3.0	2.60	94.0
1027	11/1/2010 5:16	12.75	47.59	30.94	8.18	7.89	3.7	2.70	93.6
1028	11/1/2010 5:31	12.73	47.65	30.98	8.18	7.89	3.9	2.78	93.6
1029	11/1/2010 5:46	12.68	47.61	30.95	8.16	7.89	4.9	2.86	93.3
1030	11/1/2010 6:01	12.61	47.89	31.15	8.15	7.89	4.3	2.95	93.1
1031	11/1/2010 6:16	12.53	48.03	31.25	8.16	7.89	5.0	3.03	93.2
1032	11/1/2010 6:31	12.45	48.15	31.34	8.17	7.89	5.8	3.11	93.1
1033	11/1/2010 6:46	12.34	47.90	31.15	8.25	7.90	6.4	3.19	93.8
1034	11/1/2010 7:01	12.26	48.24	31.39	8.29	7.90	7.0	3.26	94.2
1035	11/1/2010 7:16	12.19	48.39	31.50	8.33	7.91	6.8	3.34	94.6
1036	11/1/2010 7:31	12.11	48.39	31.50	8.38	7.92	7.3	3.42	95.0
1037	11/1/2010 7:46	12.07	48.67	31.70	8.40	7.93	6.5	3.48	95.2
1038	11/1/2010 8:01	12.04	48.47	31.55	8.43	7.93	5.4	3.54	95.5
1039	11/1/2010 8:16	12.03	48.58	31.63	8.44	7.94	4.2	3.58	95.6
1040	11/1/2010 8:31	12.02	48.89	31.85	8.41	7.94	3.1	3.61	95.4
1041	11/1/2010 8:46	12.11	48.77	31.77	8.35	7.92	3.0	3.62	94.8
1042	11/1/2010 9:01	12.05	48.54	31.60	8.37	7.93	3.5	3.61	94.8
1043	11/1/2010 9:16	12.03	48.57	31.62	8.42	7.94	3.9	3.59	95.4
1044	11/1/2010 9:31	12.06	48.76	31.76	8.36	7.93	4.3	3.54	94.9
1045	11/1/2010 9:46	12.33	48.43	31.53	8.16	7.89	3.9	3.47	92.9
1046	11/1/2010 10:01	12.38	48.19	31.36	8.15	7.89	3.6	3.40	92.8
1047	11/1/2010 10:16	12.34	48.17	31.34	8.34	7.91	3.4	3.31	95.0
1048	11/1/2010 10:31	12.45	48.20	31.37	8.29	7.90	4.3	3.23	94.5
1049	11/1/2010 10:46	12.54	48.12	31.32	8.22	7.90	4.5	3.14	93.9
1050	11/1/2010 11:01	12.55	48.17	31.35	8.19	7.90	3.7	3.05	93.6
1051	11/1/2010 11:16	12.66	48.10	31.30	8.17	7.89	3.7	2.96	93.6
1052	11/1/2010 11:31	12.84	48.06	31.28	8.16	7.89	3.4	2.88	93.9
1053	11/1/2010 11:46	12.92	47.50	30.88	8.22	7.90	5.9	2.80	94.5
1054	11/1/2010 12:01	13.05	47.65	30.99	8.30	7.86	2.7	2.71	95.7
1055	11/1/2010 12:16	13.22	47.87	31.16	8.40	7.91	2.9	2.63	97.3
1056	11/1/2010 12:31	13.30	47.84	31.14	8.61	7.93	2.9	2.55	99.8
1057	11/1/2010 12:46	13.37	47.57	30.95	8.67	7.89	3.0	2.47	100.5
1058	11/1/2010 13:01	13.46	47.79	31.11	8.90	7.95	2.8	2.39	103.6
1059	11/1/2010 13:16	13.56	47.54	30.94	8.95	7.97	3.4	2.32	104.2

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	
1060	11/1/2010 13:31	13.63	47.32	30.78	9.03	7.93	2.5	2.25	105.2
1061	11/1/2010 13:46	13.84	47.51	30.92	9.24	7.99	2.6	2.20	108.2
1062	11/1/2010 14:01	13.79	47.37	30.82	9.08	7.99	2.6	2.14	106.1
1063	11/1/2010 14:16	13.88	47.33	30.79	9.11	7.95	3.1	2.11	106.7
1064	11/1/2010 14:31	14.00	46.99	30.55	9.19	7.95	2.8	2.10	107.7
1065	11/1/2010 14:46	13.97	47.38	30.83	9.15	7.99	4.0	2.11	107.4
1066	11/1/2010 15:01	13.89	47.11	30.63	8.99	7.98	3.5	2.12	105.1
1067	11/1/2010 15:16	13.87	46.97	30.53	8.97	7.97	2.8	2.14	104.9
1068	11/1/2010 15:31	13.79	47.18	30.68	8.87	7.96	3.1	2.20	103.6
1069	11/1/2010 15:46	13.74	47.35	30.80	8.80	7.95	2.6	2.27	102.8
1070	11/1/2010 16:01	13.89	46.74	30.37	8.64	7.94	5.4	2.32	101.0
1071	11/1/2010 16:16	13.74	46.72	30.34	8.62	7.93	2.9	2.40	100.4
1072	11/1/2010 16:31	13.58	47.24	30.72	8.55	7.93	2.9	2.47	99.5
1073	11/1/2010 16:46	13.52	47.20	30.69	8.54	7.93	2.6	2.54	99.2
1074	11/1/2010 17:01	13.49	47.24	30.72	8.49	7.92	2.3	2.60	98.5
1075	11/1/2010 17:16	13.35	47.48	30.88	8.41	7.91	2.4	2.67	97.4
1076	11/1/2010 17:31	13.24	47.76	31.08	8.37	7.91	2.5	2.74	96.9
1077	11/1/2010 17:46	13.15	47.64	30.99	8.32	7.90	2.4	2.80	96.1
1078	11/1/2010 18:01	13.08	47.40	30.81	8.30	7.90	2.4	2.87	95.6
1079	11/1/2010 18:16	13.02	47.86	31.15	8.25	7.90	2.7	2.94	95.1
1080	11/1/2010 18:31	12.98	47.97	31.22	8.25	7.90	2.6	2.99	95.1
1081	11/1/2010 18:46	12.91	47.94	31.20	8.26	7.90	3.0	3.06	95.0
1082	11/1/2010 19:01	12.85	48.10	31.32	8.27	7.90	3.1	3.13	95.1
1083	11/1/2010 19:16	12.78	48.05	31.28	8.29	7.90	3.2	3.18	95.1
1084	11/1/2010 19:31	12.72	48.40	31.53	8.27	7.90	2.9	3.24	95.0
1085	11/1/2010 19:46	12.67	48.12	31.32	8.27	7.91	2.6	3.28	94.8
1086	11/1/2010 20:01	12.67	48.04	31.26	8.26	7.91	3.1	3.33	94.6
1087	11/1/2010 20:16	12.64	48.05	31.27	8.32	7.92	2.7	3.37	95.2
1088	11/1/2010 20:31	12.63	48.41	31.53	8.25	7.92	2.2	3.39	94.6
1089	11/1/2010 20:46	12.70	48.16	31.35	8.23	7.91	2.4	3.40	94.4
1090	11/1/2010 21:01	12.63	48.32	31.47	8.21	7.91	2.1	3.40	94.1
1091	11/1/2010 21:16	12.62	48.49	31.58	8.29	7.92	2.6	3.36	95.0
1092	11/1/2010 21:31	12.64	48.47	31.57	8.25	7.91	2.8	3.33	94.7
1093	11/1/2010 21:46	12.75	48.39	31.52	8.15	7.90	3.4	3.28	93.7
1094	11/1/2010 22:01	12.88	48.26	31.43	8.01	7.89	3.9	3.19	92.2
1095	11/1/2010 22:16	12.87	48.18	31.37	8.06	7.90	3.9	3.10	92.7
1096	11/1/2010 22:31	12.91	48.07	31.29	8.07	7.89	3.7	3.03	92.9
1097	11/1/2010 22:46	12.97	47.73	31.05	8.10	7.90	3.6	2.94	93.3
1098	11/1/2010 23:01	13.11	47.66	31.00	8.22	7.91	3.8	2.87	94.9
1099	11/1/2010 23:16	13.18	47.93	31.20	8.18	7.91	3.8	2.77	94.7
1100	11/1/2010 23:31	13.29	47.86	31.16	8.16	7.91	3.7	2.68	94.6
1101	11/1/2010 23:46	13.31	48.01	31.27	8.11	7.91	3.7	2.57	94.1
1102	11/2/2010 0:01	13.39	47.88	31.17	8.23	7.92	4.0	2.48	95.7
1103	11/2/2010 0:16	13.39	47.80	31.11	8.16	7.91	4.8	2.39	94.8
1104	11/2/2010 0:31	13.43	47.78	31.11	8.23	7.92	4.8	2.39	95.6
1105	11/2/2010 0:46	13.48	47.62	30.99	8.25	7.92	6.5	2.26	95.9
1106	11/2/2010 1:01	13.53	47.52	30.92	8.31	7.93	7.0	2.06	96.6
1107	11/2/2010 1:16	13.67	47.47	30.88	8.49	7.95	5.6	2.06	99.0
1108	11/2/2010 1:31	13.86	47.36	30.81	8.69	7.98	4.4	1.99	101.7
1109	11/2/2010 1:46	13.84	46.78	30.39	8.69	7.93	3.7	1.94	101.4
1110	11/2/2010 2:01	14.00	47.35	30.81	8.89	8.00	2.6	1.94	104.4
1111	11/2/2010 2:16	13.97	47.03	30.58	8.84	8.00	4.0	1.78	103.6
1112	11/2/2010 2:31	14.04	47.04	30.58	9.02	8.01	2.5	1.78	105.8

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	
1113	11/2/2010 2:46	14.02	46.90	30.49	8.95	8.00	2.5	1.80	104.9
1114	11/2/2010 3:01	14.00	47.24	30.73	8.92	8.00	2.3	1.85	104.7
1115	11/2/2010 3:16	13.98	46.95	30.52	8.84	8.00	2.1	1.78	103.6
1116	11/2/2010 3:31	13.90	47.21	30.71	8.80	7.98	2.7	1.94	103.0
1117	11/2/2010 3:46	13.90	46.90	30.48	8.85	7.99	2.6	1.96	103.4
1118	11/2/2010 4:01	13.86	47.18	30.68	8.75	7.98	2.6	2.05	102.3
1119	11/2/2010 4:16	13.85	47.18	30.68	8.59	7.96	3.6	2.18	100.4
1120	11/2/2010 4:31	13.86	47.06	30.59	8.50	7.95	5.1	2.20	99.3
1121	11/2/2010 4:46	13.80	47.07	30.60	8.44	7.95	3.7	2.30	98.6
1122	11/2/2010 5:01	13.69	46.93	30.49	8.39	7.93	4.2	2.44	97.6
1123	11/2/2010 5:16	13.59	46.87	30.45	8.30	7.92	4.1	2.54	96.4
1124	11/2/2010 5:31	13.42	47.36	30.80	8.17	7.91	4.0	2.52	94.8
1125	11/2/2010 5:46	13.28	47.64	31.00	8.13	7.90	4.8	2.62	94.1
1126	11/2/2010 6:01	13.24	47.87	31.16	8.10	7.89	4.6	2.76	93.9
1127	11/2/2010 6:16	13.18	47.78	31.10	8.12	7.89	4.9	2.85	93.9
1128	11/2/2010 6:31	13.14	47.70	31.03	8.11	7.89	4.3	2.88	93.7
1129	11/2/2010 6:46	13.01	48.02	31.27	8.09	7.89	6.2	3.05	93.3
1130	11/2/2010 7:01	12.94	47.92	31.19	8.11	7.89	7.9	3.14	93.3
1131	11/2/2010 7:16	12.81	48.16	31.36	8.18	7.90	9.8	3.23	94.0
1132	11/2/2010 7:31	12.72	48.03	31.25	8.28	7.91	9.8	3.29	95.0
1133	11/2/2010 7:46	12.65	48.43	31.54	8.38	7.93	10.7	3.43	96.1
1134	11/2/2010 8:01	12.58	48.29	31.44	8.51	7.94	11.8	3.46	97.3
1135	11/2/2010 8:16	12.54	48.96	31.93	8.55	7.95	10.4	3.58	98.0
1136	11/2/2010 8:31	12.51	49.02	31.97	8.60	7.96	10.6	3.66	98.6
1137	11/2/2010 8:46	12.50	48.65	31.70	8.64	7.97	11.1	3.67	98.9
1138	11/2/2010 9:01	12.49	49.00	31.95	8.72	7.97	8.2	3.73	99.9
1139	11/2/2010 9:16	12.47	49.15	32.06	8.78	7.98	6.6	3.76	100.6
1140	11/2/2010 9:31	12.46	48.74	31.76	8.75	7.98	5.0	3.79	100.0
1141	11/2/2010 9:46	12.47	48.95	31.91	8.75	7.97	5.6	3.76	100.2
1142	11/2/2010 10:01	12.46	48.93	31.90	8.84	7.97	6.5	3.75	101.2
1143	11/2/2010 10:16	12.48	48.64	31.69	8.77	7.97	6.2	3.72	100.3
1144	11/2/2010 10:31	12.64	48.60	31.67	8.47	7.95	11.0	3.64	97.3
1145	11/2/2010 10:46	12.74	48.40	31.53	8.41	7.94	4.8	3.54	96.7
1146	11/2/2010 11:01	12.77	48.55	31.64	8.50	7.95	5.0	3.43	97.8
1147	11/2/2010 11:16	12.91	48.06	31.29	8.35	7.93	6.5	3.34	96.1
1148	11/2/2010 11:31	12.96	47.83	31.13	8.33	7.92	6.0	3.23	95.9
1149	11/2/2010 11:46	13.01	48.11	31.33	8.33	7.92	5.9	3.11	96.1
1150	11/2/2010 12:01	13.16	48.04	31.28	8.29	7.92	4.8	3.02	96.0
1151	11/2/2010 12:16	13.27	48.09	31.32	8.23	7.91	4.9	2.92	95.5
1152	11/2/2010 12:31	13.40	47.61	30.98	8.32	7.91	5.6	2.81	96.5
1153	11/2/2010 12:46	13.43	47.91	31.19	8.33	7.92	4.6	2.69	96.9
1154	11/2/2010 13:01	13.60	47.50	30.91	8.41	7.93	5.2	2.59	98.0
1155	11/2/2010 13:16	13.75	47.53	30.93	8.90	7.92	3.5	2.48	104.0
1156	11/2/2010 13:31	13.74	47.61	30.99	8.81	7.92	4.2	2.35	103.0
1157	11/2/2010 13:46	13.90	47.74	31.09	9.09	7.93	3.9	2.28	106.7
1158	11/2/2010 14:01	14.05	47.63	31.01	9.27	7.96	4.0	2.14	109.1
1159	11/2/2010 14:16	14.19	47.72	31.08	9.32	8.01	3.4	2.08	110.1
1160	11/2/2010 14:31	14.24	47.18	30.69	9.33	7.96	3.2	1.97	110.0
1161	11/2/2010 14:46	14.33	47.59	30.99	9.34	8.02	2.8	1.87	110.5
1162	11/2/2010 15:01	14.35	47.40	30.86	9.27	8.02	2.4	1.84	109.6
1163	11/2/2010 15:16	14.60	47.14	30.67	9.57	8.05	2.4	1.77	113.7
1164	11/2/2010 15:31	14.63	46.86	30.47	9.60	8.04	1.8	1.79	113.9
1165	11/2/2010 15:46	14.65	47.24	30.75	9.52	8.05	1.8	1.77	113.1

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	
1166	11/2/2010 16:01	14.66	47.21	30.72	9.67	8.05	1.7	1.80	114.9
1167	11/2/2010 16:16	14.54	47.36	30.83	9.47	8.03	1.6	1.82	112.5
1168	11/2/2010 16:31	14.49	47.06	30.61	9.33	8.02	1.6	1.81	110.5
1169	11/2/2010 16:46	14.38	47.36	30.82	9.21	8.01	1.8	1.92	109.0
1170	11/2/2010 17:01	14.46	46.61	30.29	9.14	8.00	3.5	2.03	108.0
1171	11/2/2010 17:16	14.40	47.21	30.72	9.02	7.99	2.6	2.11	106.7
1172	11/2/2010 17:31	14.45	46.81	30.43	8.90	7.98	3.2	2.19	105.2
1173	11/2/2010 17:46	14.21	47.36	30.82	8.83	7.97	3.6	2.28	104.2
1174	11/2/2010 18:01	14.04	47.46	30.89	8.70	7.96	3.0	2.35	102.3
1175	11/2/2010 18:16	13.92	47.17	30.68	8.61	7.94	3.0	2.51	100.8
1176	11/2/2010 18:31	13.73	47.46	30.88	8.40	7.92	3.5	2.58	98.1
1177	11/2/2010 18:46	13.66	47.46	30.88	8.33	7.92	3.8	2.60	97.2
1178	11/2/2010 19:01	13.59	47.58	30.96	8.28	7.91	3.7	2.70	96.4
1179	11/2/2010 19:16	13.52	47.52	30.91	8.25	7.91	3.9	2.80	96.0
1180	11/2/2010 19:31	13.48	47.92	31.21	8.22	7.91	4.6	2.83	95.7
1181	11/2/2010 19:46	13.39	47.76	31.08	8.24	7.91	4.7	2.92	95.7
1182	11/2/2010 20:01	13.30	48.03	31.28	8.25	7.91	5.1	3.00	95.8
1183	11/2/2010 20:16	13.24	48.28	31.46	8.27	7.92	6.1	3.07	96.0
1184	11/2/2010 20:31	13.16	48.09	31.32	8.35	7.92	5.8	3.10	96.7
1185	11/2/2010 20:46	13.11	48.49	31.60	8.41	7.93	5.4	3.24	97.4
1186	11/2/2010 21:01	13.07	48.23	31.41	8.47	7.93	5.2	3.28	97.9
1187	11/2/2010 21:16	13.02	48.53	31.63	8.50	7.94	5.3	3.33	98.3
1188	11/2/2010 21:31	12.93	48.61	31.69	8.63	7.95	4.9	3.37	99.6
1189	11/2/2010 21:46	12.87	49.03	31.99	8.69	7.96	4.3	3.42	100.4
1190	11/2/2010 22:01	12.85	49.00	31.97	8.63	7.96	4.2	3.40	99.7
1191	11/2/2010 22:16	12.87	48.79	31.82	8.68	7.95	4.2	3.39	100.2
1192	11/2/2010 22:31	12.89	48.70	31.75	8.68	7.95	4.2	3.35	100.1
1193	11/2/2010 22:46	12.98	48.57	31.66	8.51	7.94	5.8	3.33	98.4
1194	11/2/2010 23:01	13.25	48.08	31.31	8.22	7.92	6.3	3.24	95.3
1195	11/2/2010 23:16	13.30	47.83	31.13	8.00	7.90	4.6	3.15	92.8
1196	11/2/2010 23:31	13.28	48.32	31.49	8.01	7.90	4.0	3.07	93.1
1197	11/2/2010 23:46	13.28	48.16	31.37	8.06	7.90	3.8	2.96	93.5
1198	11/3/2010 0:01	13.48	47.62	30.99	8.08	7.91	4.1	2.89	94.0
1199	11/3/2010 0:16	13.63	47.67	31.03	8.22	7.93	4.0	2.81	95.9
1200	11/3/2010 0:31	13.78	47.34	30.79	8.25	7.93	3.8	2.70	96.4
1201	11/3/2010 0:46	13.78	47.35	30.80	8.26	7.89	4.0	2.62	96.6
1202	11/3/2010 1:01	13.83	47.36	30.81	8.32	7.93	3.7	2.51	97.4
1203	11/3/2010 1:16	13.81	47.58	30.97	8.22	7.93	4.0	2.40	96.2
1204	11/3/2010 1:31	13.72	47.67	31.03	8.10	7.91	4.2	2.35	94.7
1205	11/3/2010 1:46	13.76	47.67	31.03	8.11	7.91	4.8	2.22	94.9
1206	11/3/2010 2:01	13.84	47.41	30.84	8.19	7.88	4.2	2.15	95.8
1207	11/3/2010 2:16	13.93	47.41	30.85	8.28	7.93	4.1	2.03	97.1
1208	11/3/2010 2:31	13.98	47.55	30.95	8.26	7.94	3.4	1.99	97.1
1209	11/3/2010 2:46	14.16	47.28	30.77	8.53	7.93	2.7	1.92	100.4
1210	11/3/2010 3:01	14.20	47.11	30.64	8.57	7.93	2.3	1.88	101.0
1211	11/3/2010 3:16	14.28	46.86	30.46	8.69	7.95	2.0	1.83	102.3
1212	11/3/2010 3:31	14.31	47.25	30.74	8.70	7.99	1.6	1.82	102.7
1213	11/3/2010 3:46	14.32	46.81	30.43	8.72	8.00	1.3	1.81	102.8
1214	11/3/2010 4:01	14.28	47.12	30.65	8.72	7.99	1.7	1.86	102.9
1215	11/3/2010 4:16	14.23	47.42	30.87	8.65	7.98	2.0	1.89	102.1
1216	11/3/2010 4:31	14.18	46.91	30.49	8.61	7.97	2.9	1.96	101.2
1217	11/3/2010 4:46	14.14	47.15	30.67	8.50	7.96	3.4	2.04	99.9
1218	11/3/2010 5:01	14.29	46.70	30.35	8.43	7.96	4.6	2.17	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	DO%
			mS/cm		mg/L		NTU	meters	
1219	11/3/2010 5:16	14.23	46.64	30.30	8.41	7.96	4.5	2.27	98.9
1220	11/3/2010 5:31	14.06	47.15	30.67	8.33	7.94	4.6	2.34	97.8
1221	11/3/2010 5:46	13.95	47.22	30.72	8.24	7.93	3.5	2.42	96.6
1222	11/3/2010 6:01	13.81	47.39	30.83	8.16	7.92	3.5	2.56	95.5
1223	11/3/2010 6:16	13.69	47.55	30.95	8.12	7.91	3.8	2.61	94.8
1224	11/3/2010 6:31	13.61	47.54	30.93	8.12	7.91	3.6	2.71	94.7
1225	11/3/2010 6:46	13.56	47.65	31.01	8.13	7.91	4.3	2.79	94.8
1226	11/3/2010 7:01	13.48	47.87	31.17	8.12	7.91	6.0	2.91	94.5
1227	11/3/2010 7:16	13.37	48.03	31.28	8.15	7.91	7.8	2.98	94.7
1228	11/3/2010 7:31	13.31	47.76	31.09	8.18	7.91	7.3	3.09	94.8
1229	11/3/2010 7:46	13.16	48.22	31.42	8.30	7.92	10.7	3.18	96.1
1230	11/3/2010 8:01	13.04	48.64	31.71	8.44	7.93	11.6	3.30	97.6
1231	11/3/2010 8:16	12.93	48.27	31.44	8.61	7.95	11.5	3.40	99.3
1232	11/3/2010 8:31	12.83	48.94	31.92	8.85	7.96	12.4	3.49	102.2
1233	11/3/2010 8:46	12.77	49.21	32.11	8.97	7.97	12.5	3.58	103.5
1234	11/3/2010 9:01	12.71	49.28	32.16	9.07	7.98	11.7	3.68	104.6
1235	11/3/2010 9:16	12.66	49.62	32.41	9.09	7.99	10.0	3.71	104.9
1236	11/3/2010 9:31	12.61	49.46	32.29	9.15	7.99	9.0	3.81	105.4
1237	11/3/2010 9:46	12.57	49.25	32.13	9.20	8.00	7.7	3.85	105.8
1238	11/3/2010 10:01	12.57	49.34	32.20	9.18	8.00	5.9	3.90	105.5
1239	11/3/2010 10:16	12.68	49.51	32.33	9.01	7.98	5.1	3.90	104.0
1240	11/3/2010 10:31	12.58	49.62	32.40	9.12	7.99	5.6	3.88	105.0
1241	11/3/2010 10:46	12.57	49.69	32.46	9.14	8.00	6.3	3.86	105.2
1242	11/3/2010 11:01	12.75	49.36	32.23	9.02	7.98	6.3	3.80	104.2
1243	11/3/2010 11:16	12.92	48.74	31.78	8.91	7.97	6.2	3.72	103.0
1244	11/3/2010 11:31	13.01	49.30	32.19	8.91	7.97	5.5	3.61	103.3
1245	11/3/2010 11:46	13.11	48.97	31.95	8.80	7.96	4.5	3.50	102.1
1246	11/3/2010 12:01	13.17	48.92	31.92	8.66	7.95	6.2	3.39	100.6
1247	11/3/2010 12:16	13.17	48.81	31.84	8.61	7.95	5.5	3.26	100.0
1248	11/3/2010 12:31	13.23	48.53	31.64	8.61	7.95	4.8	3.13	100.0
1249	11/3/2010 12:46	13.31	48.69	31.76	8.62	7.95	4.4	2.99	100.4
1250	11/3/2010 13:01	13.51	48.23	31.43	8.48	7.94	5.8	2.87	99.0
1251	11/3/2010 13:16	13.58	48.19	31.40	8.48	7.94	5.4	2.75	99.0
1252	11/3/2010 13:31	13.75	48.04	31.30	8.64	7.95	4.8	2.61	101.2
1253	11/3/2010 13:46	13.77	48.16	31.39	8.73	7.96	5.9	2.49	102.4
1254	11/3/2010 14:01	13.86	47.90	31.20	8.93	7.98	6.2	2.34	104.7
1255	11/3/2010 14:16	14.00	47.54	30.95	9.13	7.94	5.2	2.21	107.2
1256	11/3/2010 14:31	14.14	47.65	31.03	9.09	7.95	4.6	2.08	107.1
1257	11/3/2010 14:46	14.25	47.90	31.21	9.26	8.01	4.6	1.95	109.6
1258	11/3/2010 15:01	14.33	47.95	31.25	9.22	8.01	5.0	1.85	109.3
1259	11/3/2010 15:16	14.41	47.74	31.10	9.15	8.01	4.8	1.70	108.4
1260	11/3/2010 15:31	14.41	47.47	30.91	9.10	8.00	4.0	1.60	107.8
1261	11/3/2010 15:46	14.43	47.45	30.89	9.03	8.00	3.7	1.52	107.0
1262	11/3/2010 16:01	14.58	47.56	30.98	9.15	8.02	6.9	1.49	108.8
1263	11/3/2010 16:16	14.78	46.99	30.57	9.41	8.00	6.2	1.41	112.1
1264	11/3/2010 16:31	14.75	47.20	30.72	9.40	7.99	3.7	1.41	112.0
1265	11/3/2010 16:46	14.79	47.22	30.73	9.41	8.00	3.8	1.43	112.2
1266	11/3/2010 17:01	14.84	47.19	30.71	9.60	8.06	2.3	1.45	114.5
1267	11/3/2010 17:16	14.78	47.24	30.75	9.53	8.05	3.9	1.56	113.6
1268	11/3/2010 17:31	14.77	47.38	30.85	9.49	8.05	4.0	1.61	113.1
1269	11/3/2010 17:46	14.74	47.32	30.80	9.28	8.03	3.8	1.73	110.6
1270	11/3/2010 18:01	14.78	46.96	30.55	9.10	8.02	4.6	1.79	108.4
1271	11/3/2010 18:16	14.71	46.68	30.34	9.02	8.01	4.5	1.92	107.1

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	
1272	11/3/2010 18:31	14.60	47.30	30.79	8.97	8.00	4.9	2.01	106.6
1273	11/3/2010 18:46	14.52	47.39	30.85	8.95	8.00	4.3	2.08	106.2
1274	11/3/2010 19:01	14.43	47.20	30.71	8.86	7.99	3.7	2.18	104.9
1275	11/3/2010 19:16	14.32	47.53	30.94	8.73	7.97	3.7	2.28	103.2
1276	11/3/2010 19:31	14.15	47.54	30.95	8.46	7.94	4.3	2.38	99.7
1277	11/3/2010 19:46	14.08	47.52	30.94	8.38	7.93	4.2	2.48	98.6
1278	11/3/2010 20:01	14.02	47.87	31.18	8.32	7.93	4.9	2.58	97.9
1279	11/3/2010 20:16	13.95	47.72	31.08	8.32	7.93	5.1	2.68	97.7
1280	11/3/2010 20:31	13.85	47.79	31.13	8.32	7.92	5.7	2.77	97.5
1281	11/3/2010 20:46	13.76	47.83	31.15	8.34	7.93	6.7	2.85	97.6
1282	11/3/2010 21:01	13.67	48.27	31.46	8.35	7.93	8.2	2.93	97.7
1283	11/3/2010 21:16	13.55	48.41	31.57	8.40	7.93	7.9	3.02	98.1
1284	11/3/2010 21:31	13.48	48.22	31.42	8.43	7.93	7.7	3.10	98.3
1285	11/3/2010 21:46	13.31	48.60	31.69	8.55	7.95	8.6	3.18	99.6
1286	11/3/2010 22:01	13.15	48.98	31.96	8.70	7.96	10.1	3.23	101.1
1287	11/3/2010 22:16	13.09	48.69	31.75	8.75	7.96	8.1	3.29	101.4
1288	11/3/2010 22:31	13.04	49.04	32.00	8.78	7.97	7.0	3.36	101.8
1289	11/3/2010 22:46	13.02	49.14	32.08	8.77	7.97	5.4	3.39	101.7
1290	11/3/2010 23:01	13.06	48.62	31.70	8.68	7.96	3.7	3.42	100.5
1291	11/3/2010 23:16	13.07	48.93	31.92	8.65	7.96	4.5	3.43	100.3
1292	11/3/2010 23:31	13.02	49.10	32.04	8.71	7.96	4.5	3.40	100.9
1293	11/3/2010 23:46	13.04	48.78	31.82	8.73	7.96	5.3	3.35	101.1
1294	11/4/2010 0:01	13.34	48.57	31.67	8.34	7.93	6.6	3.27	97.2
1295	11/4/2010 0:16	13.40	48.29	31.47	8.28	7.93	7.2	3.20	96.4
1296	11/4/2010 0:31	13.37	48.67	31.75	8.26	7.93	5.3	3.08	96.3
1297	11/4/2010 0:46	13.47	48.47	31.60	8.23	7.93	5.2	2.99	96.0
1298	11/4/2010 1:01	13.66	47.97	31.25	8.14	7.92	4.8	2.89	95.2
1299	11/4/2010 1:16	13.81	47.84	31.16	8.08	7.93	4.6	2.80	94.7
1300	11/4/2010 1:31	13.88	47.69	31.05	8.16	7.93	4.8	2.71	95.7
1301	11/4/2010 1:46	13.92	47.96	31.25	8.15	7.93	5.1	2.61	95.8
1302	11/4/2010 2:01	13.96	47.68	31.05	8.16	7.93	4.2	2.51	95.9
1303	11/4/2010 2:16	13.90	47.88	31.19	8.06	7.92	4.0	2.43	94.7
1304	11/4/2010 2:31	13.91	47.69	31.06	8.06	7.92	4.4	2.31	94.6
1305	11/4/2010 2:46	13.91	47.63	31.01	8.08	7.92	4.5	2.24	94.8
1306	11/4/2010 3:01	13.95	47.90	31.21	8.09	7.92	4.1	2.14	95.2
1307	11/4/2010 3:16	13.98	47.32	30.78	8.12	7.92	4.2	2.07	95.2
1308	11/4/2010 3:31	14.04	47.62	31.01	8.09	7.93	3.5	1.98	95.1
1309	11/4/2010 3:46	14.17	47.67	31.04	8.21	7.94	2.9	1.94	96.9
1310	11/4/2010 4:01	14.25	47.45	30.89	8.27	7.96	2.2	1.90	97.6
1311	11/4/2010 4:16	14.31	47.03	30.59	8.33	7.96	1.8	1.89	98.3
1312	11/4/2010 4:31	14.31	47.31	30.79	8.33	7.97	1.8	1.91	98.4
1313	11/4/2010 4:46	14.29	47.31	30.78	8.33	7.97	1.7	1.91	98.4
1314	11/4/2010 5:01	14.22	47.06	30.61	8.32	7.96	2.0	1.98	97.9
1315	11/4/2010 5:16	14.21	46.88	30.47	8.26	7.95	3.0	2.05	97.2
1316	11/4/2010 5:31	14.18	47.20	30.71	8.20	7.95	3.7	2.12	96.6
1317	11/4/2010 5:46	14.20	47.12	30.65	8.14	7.95	6.7	2.23	95.9
1318	11/4/2010 6:01	14.14	46.97	30.54	8.15	7.94	5.4	2.33	95.8
1319	11/4/2010 6:16	14.09	47.38	30.83	8.13	7.93	6.5	2.40	95.6
1320	11/4/2010 6:31	13.99	47.49	30.91	8.10	7.93	4.8	2.51	95.1
1321	11/4/2010 6:46	13.86	47.94	31.23	8.09	7.92	5.7	2.60	95.0
1322	11/4/2010 7:01	13.76	47.80	31.13	8.16	7.92	5.2	2.70	95.5
1323	11/4/2010 7:16	13.70	48.05	31.30	8.16	7.92	5.5	2.80	95.6
1324	11/4/2010 7:31	13.63	48.19	31.40	8.20	7.92	10.0	2.89	95.9

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		
1325	11/4/2010 7:46	13.52	48.44	31.58	8.25	7.92	11.9	3.00	96.4
1326	11/4/2010 8:01	13.43	48.39	31.54	8.31	7.93	10.8	3.08	96.9
1327	11/4/2010 8:16	13.31	48.59	31.69	8.37	7.93	10.9	3.19	97.4
1328	11/4/2010 8:31	13.14	48.62	31.70	8.52	7.95	11.8	3.29	98.8
1329	11/4/2010 8:46	13.02	48.93	31.92	8.60	7.95	16.4	3.39	99.6
1330	11/4/2010 9:01	12.88	49.09	32.03	8.74	7.97	17.0	3.49	101.0
1331	11/4/2010 9:16	12.76	49.15	32.07	8.80	7.97	18.7	3.58	101.5
1332	11/4/2010 9:31	12.70	49.18	32.09	8.84	7.98	12.7	3.67	101.9
1333	11/4/2010 9:46	12.66	49.38	32.24	8.87	7.98	13.6	3.78	102.2
1334	11/4/2010 10:01	12.64	49.17	32.08	8.89	7.99	10.0	3.84	102.2
1335	11/4/2010 10:16	12.63	49.30	32.18	8.89	7.99	8.2	3.91	102.3
	Mean	12.87	48.83	31.84	8.52	7.95	4.4	2.68	98.4
	Minimum	11.24	45.56	29.46	7.37	7.86	0.7	1.27	85.6
	Maximum	14.84	51.51	33.77	9.72	8.16	22.3	3.91	115.5

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	DO%
			mS/cm		mg/L		NTU	meters	
0	11/4/2010 10:46	12.62	48.15	31.34	8.98	8.22	6.7	3.97	102.8
1	11/4/2010 11:01	12.70	48.06	31.28	8.85	8.22	6.1	4.00	101.5
2	11/4/2010 11:16	12.68	48.09	31.30	8.87	8.22	8.4	3.97	101.6
3	11/4/2010 11:31	12.68	48.12	31.32	8.93	8.22	7.8	3.94	102.3
4	11/4/2010 11:46	12.75	48.07	31.29	8.92	8.22	7.4	3.87	102.4
5	11/4/2010 12:01	12.80	48.04	31.27	8.90	8.21	10.1	3.78	102.2
6	11/4/2010 12:16	12.95	47.87	31.15	8.95	8.21	7.1	3.65	103.0
7	11/4/2010 12:31	13.07	47.69	31.03	8.71	8.20	10.6	3.52	100.4
8	11/4/2010 12:46	13.05	47.21	30.67	8.74	8.20	9.0	3.39	100.5
9	11/4/2010 13:01	13.04	47.73	31.05	8.74	8.20	8.2	3.25	100.8
10	11/4/2010 13:16	13.10	47.71	31.04	8.73	8.20	7.2	3.11	100.8
11	11/4/2010 13:31	13.33	47.45	30.86	8.62	8.19	8.9	2.97	99.8
12	11/4/2010 13:46	13.49	47.32	30.77	8.60	8.18	9.5	2.82	99.9
13	11/4/2010 14:01	13.56	47.26	30.73	8.59	8.18	9.3	2.67	99.9
14	11/4/2010 14:16	13.64	47.19	30.69	8.65	8.18	8.1	2.54	100.8
15	11/4/2010 14:31	13.68	47.24	30.72	8.90	8.21	7.3	2.38	103.8
16	11/4/2010 14:46	13.83	47.13	30.64	8.83	8.20	7.4	2.23	103.2
17	11/4/2010 15:01	13.97	47.04	30.58	9.03	8.21	7.3	2.08	105.8
18	11/4/2010 15:16	14.11	47.02	30.57	9.17	8.23	7.1	1.93	107.8
19	11/4/2010 15:31	14.26	46.89	30.48	9.10	8.23	7.8	1.77	107.1
20	11/4/2010 15:46	14.33	46.76	30.39	9.02	8.22	8.5	1.63	106.3
21	11/4/2010 16:01	14.33	46.64	30.30	8.89	8.21	7.3	1.48	104.7
22	11/4/2010 16:16	14.32	46.53	30.23	8.85	8.21	6.6	1.36	104.1
23	11/4/2010 16:31	14.37	46.64	30.30	8.87	8.21	9.0	1.25	104.6
24	11/4/2010 16:46	14.41	46.57	30.26	8.90	8.21	6.5	1.15	105.0
25	11/4/2010 17:01	14.52	46.48	30.19	8.97	8.22	8.4	1.12	106.0
26	11/4/2010 17:16	14.72	46.29	30.06	9.29	8.26	5.4	1.08	110.1
27	11/4/2010 17:31	14.64	46.36	30.11	9.15	8.26	6.0	1.13	108.4
28	11/4/2010 17:46	14.71	46.24	30.02	9.32	8.26	4.6	1.21	110.4
29	11/4/2010 18:01	14.72	46.26	30.04	9.33	8.27	4.5	1.29	110.6
30	11/4/2010 18:16	14.68	46.28	30.05	9.25	8.26	4.5	1.37	109.6
31	11/4/2010 18:31	14.65	45.98	29.84	8.92	8.24	6.3	1.49	105.5
32	11/4/2010 18:46	14.63	45.89	29.77	8.82	8.22	6.4	1.58	104.2
33	11/4/2010 19:01	14.60	45.90	29.78	8.77	8.22	6.2	1.65	103.6
34	11/4/2010 19:16	14.54	46.00	29.85	8.71	8.21	6.6	1.76	102.8
35	11/4/2010 19:31	14.46	46.24	30.02	8.72	8.21	6.3	1.85	102.9
36	11/4/2010 19:46	14.39	46.43	30.16	8.69	8.20	5.6	1.94	102.4
37	11/4/2010 20:01	14.30	46.55	30.24	8.58	8.19	5.9	2.05	101.0
38	11/4/2010 20:16	14.14	46.72	30.36	8.41	8.17	6.6	2.17	98.8
39	11/4/2010 20:31	14.08	46.81	30.42	8.36	8.16	6.5	2.27	98.1
40	11/4/2010 20:46	14.04	46.86	30.46	8.32	8.16	7.3	2.37	97.5
41	11/4/2010 21:01	13.95	46.95	30.52	8.32	8.15	7.8	2.49	97.4
42	11/4/2010 21:16	13.88	47.03	30.58	8.33	8.15	8.3	2.59	97.5
43	11/4/2010 21:31	13.82	47.09	30.61	8.34	8.16	9.2	2.69	97.4
44	11/4/2010 21:46	13.73	47.17	30.67	8.35	8.16	11.0	2.77	97.4
45	11/4/2010 22:01	13.59	47.33	30.78	8.40	8.16	10.9	2.87	97.8
46	11/4/2010 22:16	13.50	47.44	30.86	8.44	8.16	11.7	2.97	98.1
47	11/4/2010 22:31	13.24	47.82	31.13	8.59	8.18	13.2	3.05	99.5
48	11/4/2010 22:46	13.15	47.92	31.20	8.63	8.19	13.9	3.13	99.8
49	11/4/2010 23:01	13.09	48.02	31.26	8.66	8.19	14.5	3.20	100.0
50	11/4/2010 23:16	13.02	48.07	31.30	8.67	8.20	13.8	3.28	100.0
51	11/4/2010 23:31	12.92	48.19	31.38	8.68	8.20	10.9	3.34	100.0
52	11/4/2010 23:46	12.88	48.21	31.39	8.70	8.20	9.3	3.39	100.1

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	
53	11/5/2010 0:01	12.83	48.26	31.43	8.64	8.21	5.7	3.40	99.4
54	11/5/2010 0:16	12.95	48.14	31.35	8.59	8.20	6.9	3.43	99.0
55	11/5/2010 0:31	12.86	48.24	31.42	8.60	8.20	7.3	3.41	99.0
56	11/5/2010 0:46	12.82	48.27	31.43	8.65	8.20	9.4	3.35	99.5
57	11/5/2010 1:01	12.92	48.16	31.36	8.58	8.20	10.6	3.29	98.9
58	11/5/2010 1:16	13.31	47.72	31.06	8.25	8.16	9.1	3.22	95.6
59	11/5/2010 1:31	13.24	47.77	31.09	8.36	8.17	11.8	3.11	96.7
60	11/5/2010 1:46	13.32	47.68	31.03	8.33	8.17	11.0	3.00	96.5
61	11/5/2010 2:01	13.41	47.56	30.94	8.33	8.17	9.1	2.91	96.7
62	11/5/2010 2:16	13.56	47.41	30.84	8.18	8.16	7.5	2.81	95.2
63	11/5/2010 2:31	13.64	47.29	30.75	8.13	8.15	8.5	2.71	94.7
64	11/5/2010 2:46	13.69	47.22	30.71	8.11	8.15	7.5	2.62	94.6
65	11/5/2010 3:01	13.81	47.06	30.59	8.04	8.14	6.5	2.52	93.8
66	11/5/2010 3:16	13.82	47.03	30.57	7.96	8.14	6.8	2.43	92.9
67	11/5/2010 3:31	13.80	47.04	30.58	8.01	8.14	6.1	2.35	93.5
68	11/5/2010 3:46	13.80	47.08	30.61	8.00	8.14	5.9	2.26	93.4
69	11/5/2010 4:01	13.84	47.03	30.57	8.07	8.15	6.5	2.20	94.3
70	11/5/2010 4:16	13.91	46.94	30.51	8.07	8.15	5.7	2.11	94.4
71	11/5/2010 4:31	13.96	46.89	30.47	8.09	8.15	5.2	2.06	94.6
72	11/5/2010 4:46	14.01	46.84	30.44	8.07	8.15	4.9	2.02	94.5
73	11/5/2010 5:01	14.07	46.75	30.38	8.07	8.15	4.2	2.00	94.6
74	11/5/2010 5:16	14.10	46.71	30.35	8.03	8.16	4.0	2.01	94.2
75	11/5/2010 5:31	14.07	46.71	30.35	8.02	8.15	3.8	2.01	94.0
76	11/5/2010 5:46	14.03	46.73	30.37	8.04	8.15	3.8	2.06	94.2
77	11/5/2010 6:01	14.01	46.75	30.37	8.04	8.15	4.5	2.10	94.2
78	11/5/2010 6:16	13.98	46.82	30.43	8.03	8.16	5.2	2.19	94.0
79	11/5/2010 6:31	13.97	46.57	30.24	7.98	8.16	7.8	2.28	93.3
80	11/5/2010 6:46	13.91	46.58	30.25	7.97	8.14	7.1	2.34	93.1
81	11/5/2010 7:01	13.87	46.86	30.45	8.01	8.14	6.3	2.46	93.6
82	11/5/2010 7:16	13.77	47.04	30.58	8.02	8.14	6.5	2.55	93.6
83	11/5/2010 7:31	13.64	47.26	30.73	8.08	8.14	6.3	2.64	94.2
84	11/5/2010 7:46	13.55	47.41	30.84	8.19	8.15	7.0	2.74	95.2
85	11/5/2010 8:01	13.49	47.50	30.91	8.24	8.16	8.1	2.83	95.7
86	11/5/2010 8:16	13.42	47.61	30.98	8.26	8.16	9.9	2.92	95.9
87	11/5/2010 8:31	13.28	47.77	31.09	8.32	8.16	11.6	3.05	96.4
88	11/5/2010 8:46	13.22	47.84	31.14	8.34	8.17	11.4	3.13	96.5
89	11/5/2010 9:01	12.99	48.05	31.29	8.41	8.18	12.7	3.25	97.0
90	11/5/2010 9:16	12.82	48.23	31.41	8.49	8.19	14.2	3.36	97.6
91	11/5/2010 9:31	12.66	48.38	31.51	8.54	8.19	14.5	3.48	98.0
92	11/5/2010 9:46	12.50	48.54	31.62	8.59	8.20	17.2	3.59	98.2
93	11/5/2010 10:01	12.40	48.63	31.68	8.58	8.21	14.3	3.70	98.0
94	11/5/2010 10:16	12.34	48.69	31.72	8.59	8.21	13.7	3.80	98.0
95	11/5/2010 10:31	12.31	48.72	31.74	8.58	8.21	11.4	3.88	97.9
96	11/5/2010 10:46	12.29	48.74	31.76	8.56	8.21	9.3	3.96	97.6
97	11/5/2010 11:01	12.29	48.75	31.76	8.56	8.21	9.3	4.01	97.5
98	11/5/2010 11:16	12.28	48.75	31.77	8.54	8.21	8.1	4.06	97.3
99	11/5/2010 11:31	12.27	48.76	31.77	8.56	8.21	6.5	4.08	97.6
100	11/5/2010 11:46	12.36	48.68	31.71	8.46	8.20	8.1	4.07	96.6
101	11/5/2010 12:01	12.29	48.76	31.77	8.60	8.21	8.0	4.07	98.0
102	11/5/2010 12:16	12.48	48.62	31.68	8.52	8.20	8.5	3.99	97.4
103	11/5/2010 12:31	12.46	48.65	31.70	8.56	8.21	7.8	3.90	97.9
104	11/5/2010 12:46	12.50	48.61	31.67	8.53	8.20	6.5	3.82	97.6
105	11/5/2010 13:01	12.74	48.32	31.47	8.43	8.19	6.4	3.67	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	
106	11/5/2010 13:16	12.81	48.24	31.42	8.43	8.18	9.4	3.55	96.9
107	11/5/2010 13:31	12.70	48.36	31.50	8.46	8.19	9.2	3.43	97.1
108	11/5/2010 13:46	12.79	48.28	31.44	8.43	8.18	9.4	3.28	96.9
109	11/5/2010 14:01	12.87	48.21	31.39	8.41	8.18	9.5	3.14	96.9
110	11/5/2010 14:16	13.01	48.08	31.30	8.41	8.18	9.0	2.98	97.1
111	11/5/2010 14:31	13.21	47.88	31.17	8.37	8.17	8.4	2.84	96.9
112	11/5/2010 14:46	13.25	47.85	31.15	8.36	8.17	7.9	2.69	96.9
113	11/5/2010 15:01	13.36	47.72	31.06	8.43	8.17	8.5	2.52	97.9
114	11/5/2010 15:16	13.19	47.95	31.22	8.58	8.19	7.9	2.37	99.3
115	11/5/2010 15:31	13.43	47.67	31.02	8.47	8.18	9.5	2.21	98.4
116	11/5/2010 15:46	13.54	47.55	30.94	8.48	8.18	9.7	2.05	98.7
117	11/5/2010 16:01	13.64	47.46	30.88	8.64	8.19	9.3	1.88	100.8
118	11/5/2010 16:16	13.78	47.30	30.76	8.49	8.18	8.5	1.73	99.2
119	11/5/2010 16:31	13.83	47.25	30.73	8.46	8.18	8.9	1.55	98.9
120	11/5/2010 16:46	13.93	47.08	30.61	8.33	8.16	8.5	1.40	97.5
121	11/5/2010 17:01	13.96	47.04	30.58	8.27	8.16	8.6	1.26	96.9
122	11/5/2010 17:16	13.98	47.03	30.58	8.27	8.16	7.9	1.12	96.9
123	11/5/2010 17:31	14.02	46.98	30.54	8.26	8.16	8.2	1.02	96.8
124	11/5/2010 17:46	14.10	46.87	30.47	8.23	8.16	7.9	0.94	96.6
125	11/5/2010 18:01	14.06	46.90	30.49	8.19	8.16	7.2	0.92	96.0
126	11/5/2010 18:16	14.23	46.68	30.33	8.32	8.18	5.9	0.94	97.9
127	11/5/2010 18:31	14.29	46.58	30.26	8.41	8.19	5.4	1.06	99.0
128	11/5/2010 18:46	14.25	46.56	30.24	8.36	8.18	6.0	1.13	98.4
129	11/5/2010 19:01	14.23	46.59	30.27	8.35	8.18	6.0	1.25	98.2
130	11/5/2010 19:16	14.18	46.25	30.02	8.15	8.16	7.3	1.35	95.6
131	11/5/2010 19:31	14.17	46.12	29.93	8.12	8.15	7.4	1.45	95.2
132	11/5/2010 19:46	14.14	46.31	30.06	8.12	8.16	7.3	1.52	95.1
133	11/5/2010 20:01	14.11	46.42	30.14	8.12	8.16	7.4	1.62	95.1
134	11/5/2010 20:16	14.07	46.62	30.29	8.15	8.15	6.8	1.75	95.5
135	11/5/2010 20:31	14.04	46.71	30.35	8.16	8.15	6.8	1.83	95.6
136	11/5/2010 20:46	13.98	46.83	30.43	8.15	8.15	6.5	1.93	95.5
137	11/5/2010 21:01	13.87	47.01	30.56	8.11	8.14	7.4	2.06	94.8
138	11/5/2010 21:16	13.83	47.08	30.61	8.08	8.14	7.2	2.18	94.5
139	11/5/2010 21:31	13.83	47.06	30.59	8.07	8.13	7.7	2.29	94.3
140	11/5/2010 21:46	13.79	47.17	30.67	8.07	8.13	8.5	2.41	94.2
141	11/5/2010 22:01	13.71	47.25	30.73	8.07	8.14	9.2	2.53	94.1
142	11/5/2010 22:16	13.64	47.33	30.78	8.07	8.14	10.2	2.64	94.1
143	11/5/2010 22:31	13.57	47.39	30.82	8.09	8.14	11.2	2.73	94.2
144	11/5/2010 22:46	13.41	47.47	30.88	8.15	8.14	12.8	2.84	94.6
145	11/5/2010 23:01	13.26	47.72	31.06	8.21	8.15	13.6	2.92	95.1
146	11/5/2010 23:16	13.01	48.00	31.25	8.32	8.16	13.8	3.02	95.9
147	11/5/2010 23:31	12.91	48.11	31.33	8.36	8.17	14.6	3.12	96.2
148	11/5/2010 23:46	12.84	48.18	31.37	8.38	8.17	16.2	3.18	96.4
149	11/6/2010 0:01	12.73	48.28	31.44	8.40	8.17	16.4	3.28	96.5
150	11/6/2010 0:16	12.60	48.39	31.51	8.46	8.18	14.0	3.34	96.9
151	11/6/2010 0:31	12.50	48.46	31.56	8.51	8.20	10.9	3.40	97.3
152	11/6/2010 0:46	12.44	48.51	31.60	8.53	8.18	9.0	3.45	97.4
153	11/6/2010 1:01	12.40	48.54	31.61	8.52	8.19	7.3	3.47	97.2
154	11/6/2010 1:16	12.55	48.42	31.53	8.38	8.18	7.4	3.49	95.9
155	11/6/2010 1:31	12.42	48.53	31.61	8.50	8.18	7.7	3.45	97.0
156	11/6/2010 1:46	12.46	48.49	31.58	8.48	8.18	10.3	3.40	96.9
157	11/6/2010 2:01	12.75	48.22	31.40	8.23	8.16	9.9	3.33	94.5
158	11/6/2010 2:16	12.96	48.00	31.24	8.07	8.15	8.7	3.25	93.0

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	
159	11/6/2010 2:31	12.79	48.12	31.33	8.17	8.16	7.4	3.15	93.8
160	11/6/2010 2:46	12.96	47.94	31.20	8.08	8.15	7.1	3.06	93.0
161	11/6/2010 3:01	13.11	47.81	31.11	8.01	8.14	7.9	2.96	92.5
162	11/6/2010 3:16	13.19	47.70	31.04	7.98	8.14	7.3	2.86	92.3
163	11/6/2010 3:31	13.23	47.67	31.02	8.00	8.14	7.6	2.77	92.5
164	11/6/2010 3:46	13.31	47.54	30.92	7.89	8.13	6.7	2.69	91.4
165	11/6/2010 4:01	13.40	47.37	30.81	7.78	8.12	6.9	2.61	90.2
166	11/6/2010 4:16	13.42	47.39	30.82	7.83	8.13	6.2	2.53	90.8
167	11/6/2010 4:31	13.44	47.32	30.77	7.75	8.12	6.3	2.46	89.9
168	11/6/2010 4:46	13.44	47.29	30.75	7.70	8.11	6.0	2.40	89.3
169	11/6/2010 5:01	13.41	47.33	30.77	7.78	8.12	6.5	2.32	90.2
170	11/6/2010 5:16	13.47	47.26	30.73	7.78	8.12	5.7	2.28	90.3
171	11/6/2010 5:31	13.51	47.22	30.70	7.80	8.12	5.7	2.22	90.6
172	11/6/2010 5:46	13.54	47.16	30.66	7.74	8.11	5.2	2.19	90.0
173	11/6/2010 6:01	13.58	47.07	30.60	7.70	8.11	4.5	2.19	89.5
174	11/6/2010 6:16	13.54	47.06	30.59	7.61	8.11	4.3	2.19	88.3
175	11/6/2010 6:31	13.52	47.03	30.56	7.67	8.11	4.4	2.23	89.0
176	11/6/2010 6:46	13.48	47.12	30.63	7.67	8.10	4.9	2.28	89.0
177	11/6/2010 7:01	13.49	47.05	30.57	7.76	8.12	4.9	2.33	90.1
178	11/6/2010 7:16	13.47	47.15	30.65	7.77	8.11	6.3	2.39	90.1
179	11/6/2010 7:31	13.43	46.95	30.50	7.69	8.11	7.9	2.47	89.0
180	11/6/2010 7:46	13.41	47.22	30.69	7.77	8.12	7.3	2.57	90.1
181	11/6/2010 8:01	13.33	47.36	30.80	7.81	8.11	7.6	2.66	90.4
182	11/6/2010 8:16	13.20	47.58	30.95	7.91	8.13	7.4	2.75	91.5
183	11/6/2010 8:31	13.10	47.73	31.06	8.02	8.14	7.6	2.85	92.6
184	11/6/2010 8:46	13.07	47.80	31.11	8.07	8.14	7.6	2.94	93.1
185	11/6/2010 9:01	13.00	47.89	31.17	8.12	8.15	9.1	3.05	93.7
186	11/6/2010 9:16	12.85	48.06	31.28	8.19	8.15	10.1	3.14	94.1
187	11/6/2010 9:31	12.76	48.09	31.31	8.25	8.15	11.1	3.26	94.7
188	11/6/2010 9:46	12.61	48.27	31.43	8.30	8.16	12.0	3.38	95.1
189	11/6/2010 10:01	12.39	48.46	31.56	8.39	8.17	12.9	3.48	95.7
190	11/6/2010 10:16	12.25	48.60	31.65	8.50	8.19	13.7	3.59	96.7
191	11/6/2010 10:31	12.14	48.69	31.71	8.53	8.19	14.3	3.70	96.9
192	11/6/2010 10:46	12.10	48.74	31.75	8.54	8.18	13.9	3.81	97.0
193	11/6/2010 11:01	12.08	48.77	31.77	8.56	8.20	12.1	3.89	97.1
194	11/6/2010 11:16	12.06	48.80	31.79	8.55	8.19	10.5	3.97	97.0
195	11/6/2010 11:31	12.01	48.87	31.84	8.57	8.20	9.5	4.05	97.1
196	11/6/2010 11:46	11.99	48.86	31.83	8.55	8.20	9.0	4.09	96.8
197	11/6/2010 12:01	11.98	48.91	31.86	8.51	8.20	8.3	4.13	96.4
198	11/6/2010 12:16	12.00	48.91	31.87	8.43	8.21	5.4	4.15	95.5
199	11/6/2010 12:31	12.09	48.80	31.79	8.47	8.19	7.7	4.14	96.1
200	11/6/2010 12:46	12.07	48.85	31.82	8.50	8.20	8.6	4.11	96.5
201	11/6/2010 13:01	12.36	48.73	31.75	8.63	8.20	7.8	4.04	98.5
202	11/6/2010 13:16	12.42	48.69	31.72	8.65	8.21	8.4	3.94	98.8
203	11/6/2010 13:31	12.35	48.75	31.76	8.66	8.20	7.4	3.83	98.8
204	11/6/2010 13:46	12.85	48.29	31.45	8.52	8.18	8.2	3.70	98.1
205	11/6/2010 14:01	12.67	48.43	31.54	8.53	8.19	9.0	3.57	97.8
206	11/6/2010 14:16	12.66	48.43	31.55	8.51	8.19	10.7	3.44	97.6
207	11/6/2010 14:31	12.74	48.39	31.52	8.52	8.20	9.2	3.28	97.9
208	11/6/2010 14:46	12.89	48.29	31.45	8.53	8.19	7.5	3.15	98.2
209	11/6/2010 15:01	13.14	48.06	31.30	8.42	8.17	9.8	3.02	97.4
210	11/6/2010 15:16	13.28	47.95	31.22	8.46	8.17	8.2	2.86	98.1
211	11/6/2010 15:31	13.33	47.91	31.19	8.47	8.18	8.6	2.71	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		
212	11/6/2010 15:46	13.30	47.94	31.22	8.57	8.19	7.8	2.56	99.5
213	11/6/2010 16:01	13.27	47.99	31.25	8.64	8.20	9.2	2.39	100.2
214	11/6/2010 16:16	13.25	48.06	31.30	8.73	8.21	8.3	2.23	101.2
215	11/6/2010 16:31	13.45	47.84	31.15	8.72	8.20	8.7	2.07	101.4
216	11/6/2010 16:46	13.65	47.63	31.00	8.71	8.20	11.7	1.91	101.6
217	11/6/2010 17:01	13.78	47.51	30.92	8.69	8.20	11.1	1.73	101.6
218	11/6/2010 17:16	13.88	47.38	30.83	8.63	8.19	11.3	1.58	101.1
219	11/6/2010 17:31	13.94	47.27	30.75	8.54	8.19	10.7	1.39	100.1
220	11/6/2010 17:46	14.01	47.17	30.68	8.51	8.18	11.4	1.25	99.9
221	11/6/2010 18:01	14.05	47.12	30.64	8.48	8.18	16.2	1.11	99.5
222	11/6/2010 18:16	14.09	47.07	30.61	8.47	8.17	21.4	0.99	99.5
223	11/6/2010 18:31	14.16	46.97	30.54	8.46	8.17	25.6	0.92	99.5
224	11/6/2010 18:46	14.13	46.99	30.55	8.43	8.17	27.6	0.91	99.1
225	11/6/2010 19:01	14.22	46.87	30.47	8.62	8.19	9.6	0.94	101.5
226	11/6/2010 19:16	14.21	46.86	30.46	8.66	8.19	7.2	1.03	101.9
227	11/6/2010 19:31	14.21	46.84	30.45	8.69	8.19	8.7	1.12	102.2
228	11/6/2010 19:46	14.19	46.86	30.46	8.68	8.19	7.9	1.24	102.1
229	11/6/2010 20:01	14.14	46.48	30.19	8.44	8.15	10.3	1.32	98.9
230	11/6/2010 20:16	14.13	46.31	30.06	8.34	8.14	8.5	1.42	97.7
231	11/6/2010 20:31	14.12	46.36	30.10	8.32	8.14	8.1	1.50	97.5
232	11/6/2010 20:46	14.10	46.39	30.12	8.34	8.14	9.2	1.61	97.7
233	11/6/2010 21:01	14.06	46.65	30.30	8.41	8.15	8.2	1.71	98.5
234	11/6/2010 21:16	14.04	46.76	30.38	8.41	8.16	7.6	1.80	98.6
235	11/6/2010 21:31	13.96	46.98	30.54	8.38	8.16	8.3	1.93	98.1
236	11/6/2010 21:46	13.88	47.14	30.65	8.32	8.15	8.9	2.03	97.3
237	11/6/2010 22:01	13.85	47.21	30.70	8.30	8.15	8.5	2.16	97.0
238	11/6/2010 22:16	13.85	47.25	30.73	8.30	8.14	9.5	2.28	97.1
239	11/6/2010 22:31	13.76	47.34	30.80	8.29	8.15	10.4	2.39	96.8
240	11/6/2010 22:46	13.69	47.41	30.85	8.29	8.14	11.5	2.51	96.7
241	11/6/2010 23:01	13.61	47.48	30.89	8.28	8.14	13.4	2.63	96.5
242	11/6/2010 23:16	13.51	47.53	30.93	8.29	8.16	12.9	2.72	96.4
243	11/6/2010 23:31	13.33	47.64	31.00	8.34	8.15	12.8	2.82	96.6
244	11/6/2010 23:46	13.16	47.88	31.16	8.38	8.15	12.3	2.93	96.9
245	11/7/2010 0:01	13.01	48.00	31.24	8.42	8.16	13.1	3.03	97.1
246	11/7/2010 0:16	12.91	48.08	31.30	8.44	8.17	13.2	3.13	97.2
247	11/7/2010 0:31	12.87	48.14	31.35	8.45	8.17	14.2	3.23	97.2
248	11/7/2010 0:46	12.77	48.20	31.38	8.51	8.17	14.0	3.32	97.7
249	11/7/2010 1:01	12.72	48.21	31.39	8.54	8.18	11.3	3.40	98.0
250	11/7/2010 1:16	12.63	48.23	31.40	8.57	8.18	7.6	3.46	98.2
251	11/7/2010 1:31	12.61	48.16	31.35	8.58	8.19	6.5	3.51	98.2
252	11/7/2010 1:46	12.65	48.10	31.31	8.47	8.18	5.2	3.54	97.0
253	11/7/2010 2:01	12.73	48.09	31.30	8.43	8.18	5.9	3.54	96.7
254	11/7/2010 2:16	12.64	48.15	31.34	8.51	8.19	7.7	3.50	97.5
255	11/7/2010 2:31	12.60	48.18	31.36	8.55	8.19	7.1	3.47	97.9
256	11/7/2010 2:46	12.70	48.14	31.34	8.45	8.18	7.9	3.42	96.9
257	11/7/2010 3:01	12.96	47.77	31.08	8.33	8.16	9.9	3.35	95.9
258	11/7/2010 3:16	12.83	47.98	31.22	8.42	8.18	9.0	3.26	96.7
259	11/7/2010 3:31	12.85	47.95	31.20	8.42	8.18	9.9	3.16	96.7
260	11/7/2010 3:46	12.90	47.95	31.21	8.38	8.17	10.6	3.08	96.4
261	11/7/2010 4:01	12.99	47.80	31.10	8.32	8.17	10.8	2.99	95.9
262	11/7/2010 4:16	13.07	47.67	31.01	8.28	8.17	9.0	2.90	95.4
263	11/7/2010 4:31	13.16	47.53	30.91	8.21	8.16	8.3	2.81	94.8
264	11/7/2010 4:46	13.23	47.40	30.82	8.16	8.15	7.6	2.73	94.3

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	
265	11/7/2010 5:01	13.34	47.23	30.70	8.06	8.15	8.3	2.65	93.3
266	11/7/2010 5:16	13.29	47.23	30.70	7.98	8.13	8.4	2.58	92.2
267	11/7/2010 5:31	13.32	47.26	30.73	8.07	8.14	7.5	2.50	93.4
268	11/7/2010 5:46	13.39	47.17	30.66	8.07	8.14	7.6	2.45	93.5
269	11/7/2010 6:01	13.45	47.05	30.58	8.08	8.14	7.5	2.41	93.6
270	11/7/2010 6:16	13.46	46.13	29.91	8.02	8.13	6.7	2.37	92.6
271	11/7/2010 6:31	13.52	46.90	30.47	7.98	8.13	6.7	2.34	92.5
272	11/7/2010 6:46	13.51	46.08	29.88	7.95	8.13	5.9	2.33	91.9
273	11/7/2010 7:01	13.49	46.48	30.16	7.96	8.13	6.8	2.32	92.1
274	11/7/2010 7:16	13.45	46.70	30.32	8.05	8.14	6.7	2.37	93.2
275	11/7/2010 7:31	13.45	46.76	30.37	8.06	8.14	6.5	2.39	93.3
276	11/7/2010 7:46	13.40	46.69	30.31	8.04	8.13	7.6	2.46	93.0
277	11/7/2010 8:01	13.38	46.58	30.24	8.05	8.13	7.5	2.52	93.0
278	11/7/2010 8:16	13.33	46.25	29.99	8.07	8.13	7.6	2.60	93.0
279	11/7/2010 8:31	13.32	46.67	30.29	8.08	8.14	8.0	2.68	93.3
280	11/7/2010 8:46	13.27	46.76	30.36	8.11	8.14	7.9	2.77	93.5
281	11/7/2010 9:01	13.17	46.97	30.51	8.18	8.15	8.5	2.86	94.2
282	11/7/2010 9:16	13.09	47.20	30.67	8.25	8.16	8.4	2.94	95.0
283	11/7/2010 9:31	13.07	47.54	30.92	8.27	8.16	9.0	3.05	95.3
284	11/7/2010 9:46	13.00	47.31	30.75	8.32	8.17	10.1	3.14	95.7
285	11/7/2010 10:01	12.93	47.44	30.84	8.36	8.17	10.1	3.24	96.0
286	11/7/2010 10:16	12.83	47.49	30.87	8.41	8.17	10.6	3.34	96.4
287	11/7/2010 10:31	12.76	47.56	30.92	8.44	8.18	10.9	3.45	96.6
288	11/7/2010 10:46	12.57	47.73	31.03	8.51	8.18	10.9	3.55	97.1
289	11/7/2010 11:01	12.43	47.93	31.17	8.57	8.20	11.1	3.65	97.6
290	11/7/2010 11:16	12.36	48.03	31.25	8.61	8.21	10.9	3.75	98.0
291	11/7/2010 11:31	12.31	48.09	31.29	8.63	8.21	11.4	3.85	98.1
292	11/7/2010 11:46	12.25	48.19	31.36	8.63	8.20	9.5	3.93	98.1
293	11/7/2010 12:01	12.28	48.16	31.33	8.64	8.21	7.5	4.00	98.2
294	11/7/2010 12:16	12.26	48.19	31.36	8.65	8.20	6.8	4.08	98.2
295	11/7/2010 12:31	12.24	48.20	31.36	8.65	8.22	6.7	4.13	98.2
296	11/7/2010 12:46	12.23	47.96	31.19	8.60	8.20	5.3	4.14	97.6
297	11/7/2010 13:01	12.36	47.73	31.03	8.61	8.20	5.3	4.16	97.8
298	11/7/2010 13:16	12.29	47.84	31.10	8.56	8.20	6.3	4.13	97.1
299	11/7/2010 13:31	12.32	47.97	31.20	8.57	8.20	6.3	4.07	97.4
300	11/7/2010 13:46	12.34	47.72	31.02	8.65	8.20	7.9	4.00	98.2
301	11/7/2010 14:01	12.60	48.47	31.57	8.59	8.21	7.9	3.89	98.5
302	11/7/2010 14:16	12.62	48.33	31.47	8.69	8.20	7.4	3.77	99.5
303	11/7/2010 14:31	12.82	48.51	31.61	8.61	8.20	7.9	3.66	99.2
304	11/7/2010 14:46	12.84	47.97	31.22	8.61	8.20	8.9	3.53	99.0
305	11/7/2010 15:01	12.84	48.18	31.37	8.62	8.20	9.1	3.39	99.1
306	11/7/2010 15:16	12.87	48.24	31.41	8.60	8.20	9.3	3.26	99.1
307	11/7/2010 15:31	12.98	48.23	31.41	8.63	8.19	7.4	3.12	99.5
308	11/7/2010 15:46	13.09	48.07	31.30	8.62	8.19	7.7	2.97	99.6
309	11/7/2010 16:01	13.25	48.07	31.31	8.60	8.19	7.3	2.82	99.7
310	11/7/2010 16:16	13.34	47.93	31.21	8.56	8.18	9.6	2.68	99.4
311	11/7/2010 16:31	13.25	48.08	31.31	8.73	8.21	7.7	2.52	101.3
312	11/7/2010 16:46	13.34	47.45	30.86	8.84	8.21	8.7	2.35	102.4
313	11/7/2010 17:01	13.34	48.06	31.30	8.82	8.20	8.8	2.20	102.4
314	11/7/2010 17:16	13.54	47.43	30.86	8.75	8.20	9.5	2.04	101.8
315	11/7/2010 17:31	13.56	47.53	30.92	8.78	8.21	9.4	1.90	102.2
316	11/7/2010 17:46	13.56	47.52	30.92	8.74	8.19	10.0	1.72	101.8
317	11/7/2010 18:01	13.63	47.54	30.94	8.63	8.19	9.9	1.56	100.7

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	
318	11/7/2010 18:16	13.70	46.26	30.02	8.60	8.18	9.9	1.40	99.8
319	11/7/2010 18:31	13.76	46.30	30.05	8.57	8.18	10.7	1.26	99.7
320	11/7/2010 18:46	13.78	46.47	30.17	8.53	8.17	10.4	1.11	99.3
321	11/7/2010 19:01	13.81	46.41	30.13	8.54	8.18	17.1	1.01	99.4
322	11/7/2010 19:16	13.88	46.53	30.22	8.57	8.18	10.6	0.92	100.0
323	11/7/2010 19:31	13.94	46.32	30.06	8.64	8.19	7.8	0.90	100.9
324	11/7/2010 19:46	13.98	46.05	29.87	8.80	8.20	7.6	0.95	102.7
325	11/7/2010 20:01	13.98	45.89	29.75	8.82	8.20	6.9	1.02	102.8
326	11/7/2010 20:16	13.97	45.96	29.80	8.83	8.20	7.0	1.14	102.9
327	11/7/2010 20:31	13.94	46.02	29.84	8.82	8.20	6.9	1.24	102.8
328	11/7/2010 20:46	13.94	45.59	29.54	8.74	8.19	7.2	1.34	101.7
329	11/7/2010 21:01	13.90	45.70	29.62	8.55	8.15	7.4	1.43	99.4
330	11/7/2010 21:16	13.91	45.86	29.73	8.55	8.16	7.4	1.51	99.6
331	11/7/2010 21:31	13.88	45.38	29.38	8.54	8.15	7.1	1.60	99.1
332	11/7/2010 21:46	13.87	46.17	29.95	8.51	8.16	7.1	1.70	99.1
333	11/7/2010 22:01	13.85	45.09	29.18	8.56	8.16	7.1	1.79	99.2
334	11/7/2010 22:16	13.85	45.46	29.44	8.57	8.16	7.8	1.91	99.4
335	11/7/2010 22:31	13.81	45.66	29.58	8.53	8.16	7.3	2.01	99.0
336	11/7/2010 22:46	13.78	45.71	29.62	8.47	8.15	8.0	2.13	98.3
337	11/7/2010 23:01	13.73	45.47	29.45	8.44	8.15	8.2	2.26	97.7
338	11/7/2010 23:16	13.69	46.01	29.83	8.44	8.16	9.9	2.37	97.9
339	11/7/2010 23:31	13.61	46.11	29.90	8.43	8.15	8.7	2.49	97.7
340	11/7/2010 23:46	13.55	46.09	29.88	8.43	8.16	9.8	2.60	97.4
341	11/8/2010 0:01	13.53	46.28	30.02	8.40	8.15	10.4	2.71	97.2
342	11/8/2010 0:16	13.43	46.31	30.04	8.40	8.16	12.5	2.81	97.0
343	11/8/2010 0:31	13.28	46.57	30.22	8.43	8.16	12.8	2.91	97.2
344	11/8/2010 0:46	13.10	47.41	30.83	8.48	8.17	13.1	3.00	97.8
345	11/8/2010 1:01	12.95	46.98	30.51	8.55	8.18	14.3	3.08	98.0
346	11/8/2010 1:16	12.87	48.06	31.29	8.54	8.17	13.7	3.16	98.2
347	11/8/2010 1:31	12.81	46.93	30.47	8.58	8.17	15.9	3.24	98.0
348	11/8/2010 1:46	12.67	47.62	30.96	8.60	8.19	12.5	3.32	98.3
349	11/8/2010 2:01	12.56	47.32	30.74	8.68	8.19	10.1	3.39	98.9
350	11/8/2010 2:16	12.48	48.69	31.73	8.66	8.19	7.9	3.43	99.0
351	11/8/2010 2:31	12.46	47.05	30.54	8.74	8.21	7.0	3.47	99.2
352	11/8/2010 2:46	12.42	47.78	31.07	8.67	8.21	5.5	3.49	98.7
353	11/8/2010 3:01	12.47	47.90	31.15	8.63	8.20	6.3	3.48	98.4
354	11/8/2010 3:16	12.41	48.08	31.28	8.70	8.21	6.8	3.44	99.1
355	11/8/2010 3:31	12.58	47.88	31.15	8.55	8.20	8.0	3.38	97.6
356	11/8/2010 3:46	12.74	46.93	30.46	8.43	8.17	8.8	3.32	96.2
357	11/8/2010 4:01	12.84	46.32	30.03	8.40	8.16	9.5	3.23	95.8
358	11/8/2010 4:16	12.84	47.54	30.91	8.35	8.16	8.4	3.14	95.7
359	11/8/2010 4:31	12.91	47.04	30.55	8.29	8.16	8.0	3.05	95.0
360	11/8/2010 4:46	12.95	47.14	30.62	8.28	8.16	7.3	2.97	95.0
361	11/8/2010 5:01	13.03	46.24	29.98	8.24	8.15	6.5	2.90	94.3
362	11/8/2010 5:16	13.07	46.64	30.27	8.23	8.15	7.1	2.82	94.4
363	11/8/2010 5:31	13.13	47.02	30.55	8.12	8.14	6.4	2.75	93.5
364	11/8/2010 5:46	13.16	46.19	29.94	8.11	8.14	6.2	2.68	93.1
365	11/8/2010 6:01	13.17	46.06	29.85	8.05	8.13	6.4	2.62	92.4
366	11/8/2010 6:16	13.17	46.27	30.00	8.03	8.13	6.3	2.55	92.2
367	11/8/2010 6:31	13.20	46.32	30.04	8.03	8.13	5.9	2.51	92.3
368	11/8/2010 6:46	13.20	47.34	30.77	8.02	8.13	5.7	2.46	92.7
369	11/8/2010 7:01	13.24	47.05	30.57	8.03	8.13	5.7	2.41	92.7
370	11/8/2010 7:16	13.28	47.09	30.60	7.98	8.13	4.9	2.41	92.2

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	
371	11/8/2010 7:31	13.29	46.99	30.53	7.97	8.13	5.0	2.41	92.1
372	11/8/2010 7:46	13.22	45.87	29.72	7.98	8.12	4.8	2.40	91.5
373	11/8/2010 8:01	13.16	45.97	29.79	8.04	8.12	5.2	2.42	92.1
374	11/8/2010 8:16	13.16	45.95	29.77	8.02	8.11	5.6	2.46	91.9
375	11/8/2010 8:31	13.16	45.98	29.80	8.07	8.13	6.5	2.51	92.5
376	11/8/2010 8:46	13.09	45.84	29.69	8.07	8.13	6.7	2.57	92.4
377	11/8/2010 9:01	13.02	45.67	29.56	8.07	8.11	6.6	2.65	92.1
378	11/8/2010 9:16	13.06	45.95	29.77	8.09	8.11	6.3	2.73	92.6
379	11/8/2010 9:31	13.09	46.17	29.93	8.13	8.14	6.3	2.80	93.2
380	11/8/2010 9:46	13.01	46.39	30.08	8.18	8.14	6.3	2.88	93.7
381	11/8/2010 10:01	12.91	46.73	30.33	8.30	8.16	6.3	2.97	95.0
382	11/8/2010 10:16	12.90	46.79	30.37	8.39	8.16	6.3	3.06	96.0
383	11/8/2010 10:31	12.88	46.93	30.47	8.43	8.17	7.0	3.14	96.4
384	11/8/2010 10:46	12.83	47.01	30.52	8.45	8.17	7.5	3.23	96.7
385	11/8/2010 11:01	12.75	47.13	30.61	8.50	8.18	8.4	3.33	97.1
386	11/8/2010 11:16	12.67	47.25	30.69	8.55	8.18	8.0	3.43	97.6
387	11/8/2010 11:31	12.59	47.29	30.71	8.60	8.18	8.7	3.52	98.0
388	11/8/2010 11:46	12.45	47.50	30.87	8.66	8.20	9.1	3.62	98.5
389	11/8/2010 12:01	12.36	47.56	30.90	8.73	8.21	8.4	3.70	99.1
390	11/8/2010 12:16	12.30	47.60	30.93	8.76	8.22	8.5	3.79	99.4
391	11/8/2010 12:31	12.28	47.67	30.98	8.78	8.21	7.9	3.85	99.5
392	11/8/2010 12:46	12.24	47.86	31.12	8.78	8.23	6.7	3.91	99.5
393	11/8/2010 13:01	12.24	48.15	31.33	8.77	8.23	6.4	3.96	99.6
394	11/8/2010 13:16	12.25	48.97	31.92	8.70	8.23	5.4	4.00	99.2
395	11/8/2010 13:31	12.25	48.55	31.62	8.68	8.23	4.3	4.01	98.7
396	11/8/2010 13:46	12.30	48.42	31.52	8.70	8.21	4.3	4.02	99.1
397	11/8/2010 14:01	12.26	48.46	31.55	8.68	8.22	4.8	4.00	98.8
398	11/8/2010 14:16	12.27	48.84	31.82	8.66	8.23	5.2	3.95	98.8
399	11/8/2010 14:31	12.44	48.89	31.87	8.73	8.23	5.6	3.87	99.9
400	11/8/2010 14:46	12.74	48.42	31.54	8.89	8.22	6.7	3.78	102.2
401	11/8/2010 15:01	12.72	48.83	31.83	8.90	8.22	5.6	3.68	102.4
402	11/8/2010 15:16	13.01	48.49	31.60	8.86	8.20	6.0	3.56	102.4
403	11/8/2010 15:31	12.98	48.17	31.37	8.78	8.21	6.5	3.45	101.2
404	11/8/2010 15:46	12.91	47.24	30.69	8.83	8.21	6.4	3.33	101.3
405	11/8/2010 16:01	12.93	47.20	30.67	8.84	8.20	6.8	3.19	101.4
406	11/8/2010 16:16	13.02	47.03	30.54	8.86	8.21	6.3	3.07	101.8
407	11/8/2010 16:31	13.20	46.85	30.43	8.90	8.21	7.3	2.94	102.5
408	11/8/2010 16:46	13.28	46.74	30.34	8.90	8.20	7.4	2.80	102.6
409	11/8/2010 17:01	13.22	47.02	30.54	8.94	8.20	6.7	2.64	103.2
410	11/8/2010 17:16	13.28	46.67	30.30	8.93	8.20	8.0	2.51	102.9
411	11/8/2010 17:31	13.26	46.76	30.36	9.00	8.20	7.5	2.34	103.8
412	11/8/2010 17:46	13.28	46.59	30.24	8.96	8.20	7.4	2.19	103.2
413	11/8/2010 18:01	13.33	46.49	30.17	8.91	8.20	8.6	2.03	102.8
414	11/8/2010 18:16	13.28	46.52	30.19	8.89	8.21	9.3	1.88	102.5
415	11/8/2010 18:31	13.34	46.29	30.02	8.90	8.21	10.0	1.74	102.5
416	11/8/2010 18:46	13.48	46.40	30.11	8.79	8.19	10.4	1.56	101.6
417	11/8/2010 19:01	13.48	46.26	30.00	8.73	8.19	9.2	1.42	100.8
418	11/8/2010 19:16	13.51	46.36	30.08	8.72	8.18	9.0	1.28	100.9
419	11/8/2010 19:31	13.52	45.59	29.53	8.72	8.17	8.5	1.16	100.5
420	11/8/2010 19:46	13.58	45.71	29.61	8.79	8.19	10.3	1.09	101.6
421	11/8/2010 20:01	13.59	45.69	29.60	8.90	8.19	8.6	0.98	102.8
422	11/8/2010 20:16	13.48	46.15	29.93	8.76	8.19	10.1	1.01	101.1
423	11/8/2010 20:31	13.59	45.70	29.61	9.11	8.22	6.8	1.01	105.3

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	
424	11/8/2010 20:46	13.57	45.64	29.56	9.18	8.21	6.1	1.09	106.0
425	11/8/2010 21:01	13.53	45.83	29.70	9.34	8.23	5.7	1.20	107.8
426	11/8/2010 21:16	13.48	45.76	29.64	9.36	8.24	5.7	1.28	107.9
427	11/8/2010 21:31	13.48	45.00	29.10	9.23	8.22	6.3	1.37	106.1
428	11/8/2010 21:46	13.54	44.86	29.00	9.18	8.21	6.5	1.45	105.5
429	11/8/2010 22:01	13.54	45.18	29.23	9.11	8.21	6.5	1.54	104.9
430	11/8/2010 22:16	13.54	45.23	29.27	9.00	8.19	6.6	1.63	103.7
431	11/8/2010 22:31	13.54	45.35	29.35	8.96	8.19	6.3	1.73	103.3
432	11/8/2010 22:46	13.54	45.40	29.39	8.92	8.19	6.5	1.81	102.8
433	11/8/2010 23:01	13.54	45.58	29.52	8.92	8.19	6.5	1.92	102.9
434	11/8/2010 23:16	13.51	45.75	29.64	8.78	8.18	7.1	2.03	101.3
435	11/8/2010 23:31	13.53	46.00	29.82	8.73	8.18	7.2	2.14	100.8
436	11/8/2010 23:46	13.52	46.02	29.83	8.72	8.17	7.3	2.26	100.7
437	11/9/2010 0:01	13.47	46.22	29.97	8.70	8.17	7.8	2.35	100.5
438	11/9/2010 0:16	13.37	46.24	29.99	8.70	8.16	7.9	2.47	100.3
439	11/9/2010 0:31	13.31	46.27	30.01	8.70	8.16	9.8	2.58	100.2
440	11/9/2010 0:46	13.30	46.45	30.14	8.68	8.17	9.0	2.67	100.0
441	11/9/2010 1:01	13.24	46.61	30.25	8.66	8.17	9.9	2.76	99.7
442	11/9/2010 1:16	13.12	46.71	30.32	8.67	8.17	11.7	2.84	99.7
443	11/9/2010 1:31	13.06	46.85	30.42	8.69	8.18	11.3	2.95	99.8
444	11/9/2010 1:46	12.87	47.09	30.58	8.77	8.18	12.3	3.01	100.5
445	11/9/2010 2:01	12.73	47.32	30.75	8.85	8.19	12.2	3.10	101.2
446	11/9/2010 2:16	12.61	47.45	30.83	8.84	8.19	11.8	3.17	100.9
447	11/9/2010 2:31	12.47	47.58	30.93	8.84	8.19	9.8	3.24	100.6
448	11/9/2010 2:46	12.36	47.23	30.67	8.85	8.21	8.9	3.30	100.3
449	11/9/2010 3:01	12.27	47.46	30.83	8.85	8.21	8.2	3.34	100.2
450	11/9/2010 3:16	12.23	47.45	30.82	8.83	8.21	7.0	3.38	99.9
451	11/9/2010 3:31	12.20	48.79	31.79	8.74	8.21	5.6	3.39	99.4
452	11/9/2010 3:46	12.30	48.35	31.47	8.67	8.20	6.7	3.41	98.7
453	11/9/2010 4:01	12.22	47.65	30.96	8.75	8.19	7.1	3.38	99.1
454	11/9/2010 4:16	12.20	48.05	31.25	8.75	8.20	6.7	3.34	99.2
455	11/9/2010 4:31	12.38	47.34	30.75	8.62	8.19	7.8	3.27	97.8
456	11/9/2010 4:46	12.46	46.69	30.28	8.70	8.20	7.2	3.20	98.6
457	11/9/2010 5:01	12.59	47.14	30.61	8.49	8.18	8.4	3.13	96.7
458	11/9/2010 5:16	12.55	47.29	30.72	8.52	8.18	6.9	3.04	97.1
459	11/9/2010 5:31	12.63	47.20	30.65	8.53	8.18	6.8	2.97	97.3
460	11/9/2010 5:46	12.65	46.46	30.12	8.49	8.18	6.5	2.90	96.5
461	11/9/2010 6:01	12.69	46.50	30.16	8.43	8.17	5.7	2.83	95.9
462	11/9/2010 6:16	12.73	46.12	29.88	8.41	8.17	5.6	2.77	95.6
463	11/9/2010 6:31	12.72	46.64	30.26	8.37	8.17	5.5	2.70	95.4
464	11/9/2010 6:46	12.72	46.48	30.14	8.32	8.16	5.5	2.65	94.8
465	11/9/2010 7:01	12.74	46.71	30.31	8.31	8.16	5.6	2.60	94.8
466	11/9/2010 7:16	12.57	46.61	30.23	8.18	8.14	6.0	2.54	92.9
467	11/9/2010 7:31	12.57	45.88	29.70	8.19	8.14	5.7	2.52	92.7
468	11/9/2010 7:46	12.56	45.88	29.70	8.18	8.13	5.4	2.49	92.6
469	11/9/2010 8:01	12.59	45.72	29.59	8.22	8.15	5.0	2.46	93.1
470	11/9/2010 8:16	12.58	46.00	29.79	8.19	8.15	4.6	2.45	92.7
471	11/9/2010 8:31	12.52	45.76	29.62	8.22	8.14	5.1	2.46	92.9
472	11/9/2010 8:46	12.61	45.95	29.75	8.24	8.15	5.6	2.48	93.4
473	11/9/2010 9:01	12.55	45.86	29.69	8.26	8.14	5.5	2.51	93.4
474	11/9/2010 9:16	12.59	45.69	29.57	8.30	8.14	5.7	2.55	93.9
475	11/9/2010 9:31	12.67	46.07	29.84	8.38	8.16	5.7	2.60	95.1
476	11/9/2010 9:46	12.60	45.87	29.69	8.43	8.15	6.3	2.67	95.5

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	11/9/2010 10:01	12.62	45.99	29.78	8.43	8.15	6.0	2.73	95.5
478	11/9/2010 10:16	12.64	46.29	30.00	8.46	8.17	5.9	2.79	96.0
479	11/9/2010 10:31	12.58	46.59	30.21	8.50	8.17	5.9	2.86	96.6
480	11/9/2010 10:46	12.51	46.76	30.34	8.57	8.18	6.0	2.96	97.3
481	11/9/2010 11:01	12.50	46.92	30.45	8.66	8.19	6.0	3.02	98.3
482	11/9/2010 11:16	12.48	47.03	30.53	8.69	8.19	6.3	3.11	98.7
483	11/9/2010 11:31	12.44	47.10	30.57	8.71	8.19	6.5	3.18	98.9
484	11/9/2010 11:46	12.34	47.27	30.69	8.71	8.19	7.3	3.26	98.8
485	11/9/2010 12:01	12.27	47.37	30.76	8.72	8.20	7.1	3.35	98.7
486	11/9/2010 12:16	12.19	47.38	30.77	8.72	8.20	7.6	3.43	98.5
487	11/9/2010 12:31	12.03	47.68	30.97	8.70	8.20	7.8	3.50	98.1
488	11/9/2010 12:46	11.94	47.67	30.96	8.68	8.20	8.3	3.57	97.7
489	11/9/2010 13:01	11.84	47.82	31.07	8.67	8.21	8.9	3.66	97.5
490	11/9/2010 13:16	11.78	47.87	31.10	8.68	8.20	7.8	3.72	97.4
491	11/9/2010 13:31	11.77	48.99	31.91	8.62	8.21	7.1	3.77	97.2
492	11/9/2010 13:46	11.76	48.28	31.40	8.64	8.19	6.5	3.81	97.2
493	11/9/2010 14:01	11.75	48.74	31.73	8.59	8.21	6.0	3.84	96.8
494	11/9/2010 14:16	11.74	48.48	31.54	8.53	8.20	4.5	3.85	96.0
495	11/9/2010 14:31	11.77	48.48	31.54	8.57	8.19	5.8	3.86	96.4
496	11/9/2010 14:46	11.77	48.46	31.53	8.55	8.19	6.2	3.84	96.2
497	11/9/2010 15:01	11.75	48.58	31.61	8.57	8.21	6.8	3.79	96.5
498	11/9/2010 15:16	11.77	48.22	31.35	8.59	8.20	6.7	3.73	96.6
499	11/9/2010 15:31	11.97	47.66	30.96	8.65	8.20	7.8	3.64	97.5
500	11/9/2010 15:46	12.44	47.30	30.72	8.82	8.21	6.5	3.55	100.1
501	11/9/2010 16:01	12.37	47.70	31.01	8.79	8.19	6.2	3.44	99.8
502	11/9/2010 16:16	12.29	48.27	31.42	8.74	8.21	6.2	3.34	99.4
503	11/9/2010 16:31	12.25	48.54	31.61	8.71	8.20	5.9	3.21	99.1
504	11/9/2010 16:46	12.31	47.84	31.11	8.75	8.21	6.5	3.08	99.4
505	11/9/2010 17:01	12.32	47.46	30.83	8.76	8.20	5.9	2.97	99.3
506	11/9/2010 17:16	12.41	47.49	30.85	8.73	8.20	5.6	2.85	99.2
507	11/9/2010 17:31	12.47	47.19	30.64	8.72	8.19	5.7	2.71	99.1
508	11/9/2010 17:46	12.50	47.14	30.60	8.69	8.18	6.3	2.58	98.7
509	11/9/2010 18:01	12.47	47.36	30.76	8.69	8.18	7.8	2.46	98.8
510	11/9/2010 18:16	12.45	47.43	30.82	8.65	8.18	7.4	2.32	98.4
511	11/9/2010 18:31	12.49	47.36	30.77	8.61	8.18	7.3	2.19	97.9
512	11/9/2010 18:46	12.45	47.36	30.76	8.59	8.19	9.1	2.04	97.7
513	11/9/2010 19:01	12.47	47.17	30.63	8.57	8.18	9.4	1.92	97.3
514	11/9/2010 19:16	12.52	46.97	30.49	8.57	8.18	9.0	1.77	97.4
515	11/9/2010 19:31	12.54	46.85	30.40	8.59	8.18	9.5	1.64	97.6
516	11/9/2010 19:46	12.54	46.35	30.04	8.67	8.19	8.9	1.52	98.2
517	11/9/2010 20:01	12.53	46.73	30.31	8.71	8.19	8.4	1.40	98.9
518	11/9/2010 20:16	12.44	46.61	30.22	8.78	8.20	7.4	1.31	99.5
519	11/9/2010 20:31	12.46	45.47	29.40	8.79	8.20	6.7	1.24	99.1
520	11/9/2010 20:46	12.37	45.36	29.32	8.81	8.20	6.0	1.20	99.1
521	11/9/2010 21:01	12.36	45.30	29.28	8.75	8.20	5.4	1.18	98.4
522	11/9/2010 21:16	12.42	45.53	29.44	8.76	8.19	7.4	1.19	98.6
523	11/9/2010 21:31	12.43	45.37	29.33	8.75	8.18	7.6	1.25	98.5
524	11/9/2010 21:46	12.46	45.48	29.41	8.78	8.20	6.1	1.31	98.9
525	11/9/2010 22:01	12.48	45.50	29.43	8.80	8.20	5.7	1.38	99.2
526	11/9/2010 22:16	12.45	45.51	29.43	8.76	8.19	6.0	1.48	98.7
527	11/9/2010 22:31	12.35	45.05	29.10	8.73	8.18	6.8	1.55	97.9
528	11/9/2010 22:46	12.32	44.32	28.57	8.71	8.17	7.1	1.63	97.4
529	11/9/2010 23:01	12.36	44.88	28.98	8.69	8.16	6.5	1.71	97.4

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	
530	11/9/2010 23:16	12.45	45.40	29.35	8.64	8.18	6.4	1.81	97.3
531	11/9/2010 23:31	12.44	45.30	29.28	8.65	8.18	6.0	1.88	97.4
532	11/9/2010 23:46	12.46	45.35	29.32	8.66	8.18	5.8	1.99	97.6
533	11/10/2010 0:01	12.48	45.50	29.43	8.65	8.17	6.0	2.09	97.5
534	11/10/2010 0:16	12.45	45.31	29.29	8.63	8.17	6.0	2.18	97.2
535	11/10/2010 0:31	12.49	46.06	29.83	8.57	8.16	6.7	2.28	96.8
536	11/10/2010 0:46	12.52	46.17	29.91	8.52	8.17	7.8	2.38	96.5
537	11/10/2010 1:01	12.52	46.39	30.06	8.50	8.17	8.4	2.47	96.3
538	11/10/2010 1:16	12.50	46.40	30.08	8.51	8.17	7.9	2.57	96.4
539	11/10/2010 1:31	12.48	46.47	30.12	8.52	8.17	8.9	2.66	96.5
540	11/10/2010 1:46	12.48	46.53	30.17	8.54	8.16	8.9	2.74	96.7
541	11/10/2010 2:01	12.41	46.64	30.24	8.56	8.16	10.6	2.84	96.9
542	11/10/2010 2:16	12.36	46.79	30.35	8.57	8.18	10.4	2.91	97.0
543	11/10/2010 2:31	12.31	46.93	30.45	8.59	8.17	9.6	2.98	97.2
544	11/10/2010 2:46	12.20	46.98	30.48	8.62	8.17	10.4	3.06	97.3
545	11/10/2010 3:01	12.06	46.95	30.45	8.66	8.18	10.3	3.13	97.4
546	11/10/2010 3:16	11.98	47.54	30.87	8.66	8.18	9.8	3.19	97.5
547	11/10/2010 3:31	11.92	48.51	31.57	8.62	8.19	8.7	3.25	97.4
548	11/10/2010 3:46	11.89	48.42	31.50	8.61	8.19	7.7	3.30	97.1
549	11/10/2010 4:01	11.84	48.05	31.23	8.60	8.19	6.5	3.34	96.7
550	11/10/2010 4:16	11.84	47.58	30.90	8.58	8.19	5.9	3.36	96.4
551	11/10/2010 4:31	11.87	48.68	31.69	8.54	8.17	5.9	3.35	96.5
552	11/10/2010 4:46	11.83	48.63	31.65	8.55	8.18	6.5	3.32	96.5
553	11/10/2010 5:01	11.83	48.50	31.56	8.58	8.17	7.0	3.29	96.7
554	11/10/2010 5:16	12.00	46.78	30.33	8.42	8.16	7.0	3.24	94.6
555	11/10/2010 5:31	12.03	47.07	30.54	8.45	8.17	7.0	3.18	95.1
556	11/10/2010 5:46	12.08	46.84	30.37	8.29	8.15	7.2	3.12	93.2
557	11/10/2010 6:01	12.00	46.77	30.32	8.34	8.15	6.6	3.05	93.6
558	11/10/2010 6:16	11.98	46.59	30.19	8.33	8.15	6.3	2.98	93.4
559	11/10/2010 6:31	12.14	47.42	30.79	8.28	8.15	6.7	2.92	93.5
560	11/10/2010 6:46	12.18	46.12	29.86	8.37	8.15	6.2	2.87	94.1
561	11/10/2010 7:01	12.23	46.40	30.06	8.32	8.16	5.9	2.80	93.7
562	11/10/2010 7:16	12.24	46.73	30.30	8.30	8.16	5.7	2.74	93.6
563	11/10/2010 7:31	12.26	46.28	29.98	8.28	8.14	5.9	2.70	93.2
564	11/10/2010 7:46	12.16	46.55	30.17	8.16	8.13	5.6	2.66	91.8
565	11/10/2010 8:01	12.06	46.24	29.94	8.07	8.14	5.4	2.62	90.6
566	11/10/2010 8:16	12.04	46.47	30.10	8.01	8.13	5.5	2.57	89.9
567	11/10/2010 8:31	12.03	46.34	30.01	7.95	8.13	5.4	2.57	89.2
568	11/10/2010 8:46	12.00	46.29	29.97	7.96	8.13	4.8	2.54	89.2
569	11/10/2010 9:01	12.02	46.62	30.21	7.85	8.11	4.3	2.54	88.1
570	11/10/2010 9:16	12.16	45.77	29.61	8.15	8.14	4.9	2.53	91.4
571	11/10/2010 9:31	12.18	46.50	30.13	8.18	8.15	5.2	2.54	92.1
572	11/10/2010 9:46	12.11	46.39	30.05	8.15	8.14	5.2	2.58	91.6
573	11/10/2010 10:01	12.19	46.39	30.05	8.26	8.15	5.2	2.56	92.9
574	11/10/2010 10:16	12.19	46.43	30.08	8.25	8.15	5.4	2.64	92.8
575	11/10/2010 10:31	12.21	46.50	30.13	8.27	8.15	5.6	2.67	93.1
576	11/10/2010 10:46	12.19	46.35	30.02	8.31	8.15	5.2	2.74	93.5
577	11/10/2010 11:01	12.18	46.45	30.10	8.32	8.15	5.3	2.81	93.6
578	11/10/2010 11:16	12.19	46.70	30.28	8.35	8.16	5.7	2.86	94.1
579	11/10/2010 11:31	12.14	46.77	30.33	8.36	8.16	5.8	2.92	94.1
580	11/10/2010 11:46	12.05	47.07	30.54	8.41	8.16	5.8	2.99	94.7
581	11/10/2010 12:01	12.06	47.16	30.60	8.46	8.17	5.6	3.05	95.3
582	11/10/2010 12:16	12.04	47.29	30.70	8.54	8.18	5.9	3.13	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	DO%
			mS/cm		mg/L		NTU	meters	
583	11/10/2010 12:31	12.02	47.37	30.75	8.56	8.18	6.0	3.21	96.4
584	11/10/2010 12:46	12.02	47.44	30.80	8.57	8.18	5.8	3.27	96.6
585	11/10/2010 13:01	11.96	47.52	30.85	8.60	8.17	6.6	3.33	96.8
586	11/10/2010 13:16	11.86	47.68	30.97	8.64	8.16	7.1	3.39	97.1
587	11/10/2010 13:31	11.84	47.85	31.09	8.66	8.17	6.8	3.45	97.3
588	11/10/2010 13:46	11.83	47.76	31.03	8.67	8.19	6.5	3.54	97.5
589	11/10/2010 14:01	11.80	47.63	30.93	8.69	8.19	6.6	3.60	97.6
590	11/10/2010 14:16	11.78	47.48	30.82	8.71	8.18	6.2	3.66	97.7
591	11/10/2010 14:31	11.75	47.57	30.88	8.74	8.18	6.3	3.65	97.9
592	11/10/2010 14:46	11.75	48.14	31.29	8.65	8.20	4.4	3.66	97.2
593	11/10/2010 15:01	11.78	48.14	31.30	8.65	8.20	5.2	3.66	97.3
594	11/10/2010 15:16	11.77	47.52	30.85	8.68	8.18	5.5	3.69	97.3
595	11/10/2010 15:31	11.79	47.58	30.89	8.69	8.19	5.7	3.65	97.5
596	11/10/2010 15:46	11.83	48.67	31.68	8.64	8.18	6.5	3.58	97.4
597	11/10/2010 16:01	12.19	48.60	31.65	8.75	8.18	5.7	3.53	99.5
598	11/10/2010 16:16	12.30	48.27	31.41	8.81	8.20	6.7	3.45	100.2
599	11/10/2010 16:31	12.38	48.29	31.43	8.87	8.20	5.4	3.38	101.1
600	11/10/2010 16:46	12.37	48.15	31.33	8.81	8.20	6.2	3.30	100.3
601	11/10/2010 17:01	12.37	48.23	31.39	8.82	8.19	6.2	3.17	100.4
602	11/10/2010 17:16	12.45	48.20	31.37	8.85	8.21	6.0	3.10	101.0
603	11/10/2010 17:31	12.40	46.65	30.25	8.87	8.20	5.6	3.01	100.4
604	11/10/2010 17:46	12.42	46.64	30.24	8.93	8.21	5.0	2.90	101.1
605	11/10/2010 18:01	12.47	46.53	30.17	8.94	8.21	5.5	2.80	101.2
606	11/10/2010 18:16	12.54	46.26	29.97	8.89	8.19	6.5	2.73	100.7
607	11/10/2010 18:31	12.56	46.29	30.00	9.03	8.22	5.9	2.58	102.4
608	11/10/2010 18:46	12.53	46.46	30.12	8.98	8.21	6.6	2.48	101.9
609	11/10/2010 19:01	12.51	46.10	29.86	8.93	8.19	9.0	2.35	101.1
610	11/10/2010 19:16	12.45	46.68	30.28	8.86	8.20	8.3	2.22	100.3
611	11/10/2010 19:31	12.43	46.73	30.31	8.83	8.20	8.1	2.12	100.0
612	11/10/2010 19:46	12.47	45.94	29.74	8.87	8.20	7.6	1.98	100.2
613	11/10/2010 20:01	12.48	46.47	30.13	8.87	8.21	6.6	1.86	100.5
614	11/10/2010 20:16	12.52	46.10	29.86	8.92	8.20	7.0	1.73	101.0
615	11/10/2010 20:31	12.52	45.82	29.66	8.93	8.20	6.7	1.63	100.9
616	11/10/2010 20:46	12.58	46.61	30.23	9.02	8.20	6.0	1.54	102.4
617	11/10/2010 21:01	12.53	46.13	29.88	9.24	8.22	5.5	1.45	104.6
618	11/10/2010 21:16	12.54	45.11	29.15	9.38	8.25	4.9	1.39	105.7
619	11/10/2010 21:31	12.50	45.14	29.17	9.51	8.26	5.9	1.37	107.1
620	11/10/2010 21:46	12.46	45.69	29.56	9.44	8.25	4.8	1.33	106.4
621	11/10/2010 22:01	12.41	45.05	29.10	9.48	8.25	6.9	1.34	106.6
622	11/10/2010 22:16	12.48	45.80	29.64	9.45	8.25	5.4	1.38	106.7
623	11/10/2010 22:31	12.48	45.70	29.57	9.40	8.25	4.8	1.36	106.1
624	11/10/2010 22:46	12.49	46.12	29.87	9.36	8.25	5.8	1.41	105.9
625	11/10/2010 23:01	12.53	45.90	29.72	9.39	8.25	5.6	1.51	106.1
626	11/10/2010 23:16	12.45	44.96	29.04	9.24	8.22	6.1	1.61	103.9
627	11/10/2010 23:31	12.46	44.95	29.03	9.22	8.22	5.9	1.68	103.6
628	11/10/2010 23:46	12.51	44.79	28.92	9.18	8.22	6.2	1.78	103.2
629	11/11/2010 0:01	12.50	44.58	28.77	9.14	8.21	5.7	1.86	102.7
630	11/11/2010 0:16	12.53	45.01	29.08	9.13	8.21	5.4	1.92	102.8
631	11/11/2010 0:31	12.52	44.59	28.78	9.09	8.20	5.3	2.04	102.1
632	11/11/2010 0:46	12.54	45.02	29.08	9.07	8.20	5.1	2.09	102.2
633	11/11/2010 1:01	12.55	45.66	29.54	8.90	8.19	5.4	2.18	100.6
634	11/11/2010 1:16	12.57	45.83	29.67	8.81	8.18	5.7	2.29	99.7
635	11/11/2010 1:31	12.57	45.77	29.62	8.73	8.18	5.6	2.36	98.8

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	
636	11/11/2010 1:46	12.55	46.78	30.35	8.68	8.18	5.9	2.48	98.6
637	11/11/2010 2:01	12.51	46.17	29.91	8.72	8.18	6.1	2.56	98.7
638	11/11/2010 2:16	12.48	46.00	29.78	8.73	8.18	6.0	2.64	98.6
639	11/11/2010 2:31	12.41	45.98	29.77	8.70	8.18	6.8	2.74	98.2
640	11/11/2010 2:46	12.39	46.62	30.23	8.66	8.16	6.8	2.79	98.0
641	11/11/2010 3:01	12.33	46.31	30.00	8.67	8.17	7.6	2.88	97.9
642	11/11/2010 3:16	12.28	47.60	30.93	8.65	8.18	8.1	2.95	98.0
643	11/11/2010 3:31	12.22	46.91	30.43	8.68	8.17	7.6	3.02	98.0
644	11/11/2010 3:46	12.16	47.01	30.50	8.69	8.17	6.9	3.07	98.0
645	11/11/2010 4:01	12.09	47.18	30.62	8.74	8.17	7.1	3.12	98.5
646	11/11/2010 4:16	12.04	46.95	30.45	8.79	8.18	6.8	3.17	98.9
647	11/11/2010 4:31	11.99	46.93	30.43	8.83	8.18	6.5	3.21	99.1
648	11/11/2010 4:46	11.93	47.18	30.61	8.82	8.19	5.6	3.23	99.0
649	11/11/2010 5:01	11.90	46.78	30.32	8.86	8.19	5.7	3.28	99.2
650	11/11/2010 5:16	11.97	47.07	30.53	8.79	8.19	5.2	3.25	98.8
651	11/11/2010 5:31	11.89	46.96	30.45	8.84	8.18	5.6	3.23	99.1
652	11/11/2010 5:46	11.89	47.62	30.93	8.84	8.19	5.5	3.24	99.4
653	11/11/2010 6:01	11.95	46.90	30.41	8.75	8.19	5.4	3.22	98.1
654	11/11/2010 6:16	11.95	46.98	30.47	8.69	8.17	5.4	3.17	97.5
655	11/11/2010 6:31	12.02	46.56	30.17	8.64	8.17	5.9	3.12	97.0
656	11/11/2010 6:46	12.05	46.66	30.24	8.52	8.18	5.7	3.07	95.6
657	11/11/2010 7:01	11.97	46.32	30.00	8.49	8.15	5.4	2.99	95.1
658	11/11/2010 7:16	11.93	46.74	30.29	8.40	8.16	5.4	2.95	94.2
659	11/11/2010 7:31	11.92	47.09	30.55	8.38	8.15	5.1	2.90	94.1
660	11/11/2010 7:46	11.89	46.22	29.92	8.40	8.16	5.2	2.83	93.8
661	11/11/2010 8:01	11.90	46.02	29.78	8.39	8.16	4.8	2.78	93.7
662	11/11/2010 8:16	11.87	46.10	29.83	8.37	8.14	4.7	2.74	93.4
663	11/11/2010 8:31	11.92	45.98	29.75	8.37	8.16	4.8	2.69	93.5
664	11/11/2010 8:46	11.90	45.98	29.75	8.34	8.15	4.9	2.66	93.1
665	11/11/2010 9:01	11.88	47.20	30.62	8.30	8.14	4.9	2.60	93.1
666	11/11/2010 9:16	11.88	46.32	29.99	8.36	8.16	4.5	2.56	93.4
667	11/11/2010 9:31	11.85	46.27	29.96	8.41	8.15	4.1	2.59	93.9
668	11/11/2010 9:46	11.90	45.67	29.52	8.44	8.16	4.2	2.53	94.1
669	11/11/2010 10:01	11.85	45.86	29.66	8.36	8.16	3.7	2.53	93.2
670	11/11/2010 10:16	11.86	45.82	29.63	8.36	8.16	3.7	2.51	93.2
671	11/11/2010 10:31	11.88	45.99	29.76	8.47	8.16	4.3	2.53	94.5
672	11/11/2010 10:46	11.89	45.80	29.62	8.43	8.14	4.6	2.54	94.0
673	11/11/2010 11:01	11.89	45.63	29.49	8.40	8.15	4.5	2.57	93.6
674	11/11/2010 11:16	11.95	45.81	29.62	8.45	8.16	4.6	2.62	94.3
675	11/11/2010 11:31	12.03	45.88	29.68	8.48	8.15	4.6	2.66	94.9
676	11/11/2010 11:46	12.08	45.85	29.66	8.52	8.15	4.5	2.72	95.4
677	11/11/2010 12:01	12.06	45.72	29.57	8.53	8.15	4.7	2.77	95.4
678	11/11/2010 12:16	12.05	46.09	29.83	8.49	8.17	4.8	2.84	95.1
679	11/11/2010 12:31	12.06	46.32	30.00	8.54	8.17	4.9	2.89	95.7
680	11/11/2010 12:46	11.98	46.24	29.94	8.57	8.16	5.2	2.94	96.0
681	11/11/2010 13:01	11.97	47.07	30.53	8.59	8.16	5.2	2.99	96.5
682	11/11/2010 13:16	11.98	47.14	30.59	8.66	8.17	5.0	3.06	97.3
683	11/11/2010 13:31	12.01	47.28	30.69	8.74	8.18	5.1	3.10	98.4
684	11/11/2010 13:46	12.02	47.34	30.73	8.79	8.19	4.9	3.16	99.0
685	11/11/2010 14:01	11.94	47.51	30.85	8.78	8.17	4.9	3.22	98.8
686	11/11/2010 14:16	11.88	47.74	31.01	8.80	8.17	4.9	3.27	99.0
687	11/11/2010 14:31	11.85	47.73	31.01	8.82	8.17	5.3	3.33	99.2
688	11/11/2010 14:46	11.86	47.65	30.95	8.83	8.17	4.9	3.37	99.3

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		
689	11/11/2010 15:01	11.91	46.95	30.44	8.89	8.19	5.3	3.40	99.7
690	11/11/2010 15:16	11.89	47.92	31.15	8.85	8.17	5.6	3.44	99.6
691	11/11/2010 15:31	11.87	47.83	31.08	8.86	8.17	5.2	3.44	99.7
692	11/11/2010 15:46	11.91	47.90	31.13	8.83	8.18	4.3	3.46	99.4
693	11/11/2010 16:01	11.88	47.77	31.04	8.78	8.17	4.1	3.45	98.8
694	11/11/2010 16:16	11.86	47.83	31.08	8.78	8.16	5.2	3.44	98.7
695	11/11/2010 16:31	11.86	47.86	31.10	8.78	8.18	4.5	3.41	98.8
696	11/11/2010 16:46	12.05	47.62	30.93	8.87	8.17	5.1	3.36	100.1
697	11/11/2010 17:01	12.10	48.50	31.57	8.79	8.18	4.5	3.31	99.7
698	11/11/2010 17:16	12.25	46.79	30.34	8.98	8.19	4.9	3.23	101.4
699	11/11/2010 17:31	12.36	46.38	30.05	9.09	8.21	5.2	3.16	102.7
700	11/11/2010 17:46	12.39	46.19	29.92	9.17	8.20	5.2	3.08	103.6
701	11/11/2010 18:01	12.54	45.79	29.64	9.30	8.21	5.1	3.00	105.1
702	11/11/2010 18:16	12.54	45.75	29.61	9.39	8.22	4.9	2.91	106.1
703	11/11/2010 18:31	12.40	45.73	29.59	9.27	8.23	4.7	2.82	104.5
704	11/11/2010 18:46	12.48	45.59	29.49	9.45	8.24	4.5	2.73	106.7
705	11/11/2010 19:01	12.47	45.56	29.47	9.47	8.24	4.5	2.63	106.8
706	11/11/2010 19:16	12.38	45.90	29.71	9.18	8.21	5.4	2.53	103.5
707	11/11/2010 19:31	12.35	45.98	29.77	9.12	8.22	5.9	2.42	102.8
708	11/11/2010 19:46	12.35	45.80	29.64	9.15	8.22	6.1	2.32	103.0
709	11/11/2010 20:01	12.33	45.66	29.54	9.15	8.23	6.0	2.20	102.9
710	11/11/2010 20:16	12.35	45.43	29.37	9.27	8.23	6.5	2.10	104.2
711	11/11/2010 20:31	12.34	45.33	29.30	9.31	8.24	6.0	1.99	104.6
712	11/11/2010 20:46	12.34	46.97	30.48	9.36	8.24	5.2	1.89	105.9
713	11/11/2010 21:01	12.33	46.44	30.09	9.51	8.25	4.8	1.79	107.3
714	11/11/2010 21:16	12.35	45.83	29.66	9.54	8.26	4.8	1.70	107.5
715	11/11/2010 21:31	12.35	45.56	29.46	9.68	8.27	4.6	1.62	108.9
716	11/11/2010 21:46	12.36	46.76	30.33	9.74	8.28	4.4	1.56	110.2
717	11/11/2010 22:01	12.35	45.35	29.32	9.84	8.28	5.2	1.49	110.6
718	11/11/2010 22:16	12.34	45.18	29.19	9.85	8.29	3.8	1.49	110.6
719	11/11/2010 22:31	12.32	46.12	29.87	9.81	8.30	4.4	1.48	110.6
720	11/11/2010 22:46	12.33	45.99	29.77	9.83	8.29	4.2	1.48	110.8
721	11/11/2010 23:01	12.35	46.49	30.13	9.77	8.29	4.1	1.50	110.4
722	11/11/2010 23:16	12.34	46.29	29.99	9.71	8.27	4.0	1.55	109.5
723	11/11/2010 23:31	12.34	46.16	29.90	9.69	8.28	4.2	1.60	109.2
724	11/11/2010 23:46	12.38	46.05	29.82	9.69	8.28	3.7	1.66	109.3
725	11/12/2010 0:01	12.37	46.18	29.91	9.62	8.27	4.0	1.71	108.5
726	11/12/2010 0:16	12.38	46.18	29.91	9.53	8.26	4.0	1.77	107.6
727	11/12/2010 0:31	12.39	46.33	30.02	9.46	8.25	4.3	1.85	106.9
728	11/12/2010 0:46	12.39	45.97	29.76	9.44	8.24	4.4	1.92	106.5
729	11/12/2010 1:01	12.38	46.32	30.01	9.37	8.23	4.4	1.99	105.8
730	11/12/2010 1:16	12.38	46.30	30.00	9.33	8.24	4.3	2.06	105.4
731	11/12/2010 1:31	12.40	45.07	29.11	9.38	8.24	4.2	2.14	105.4
732	11/12/2010 1:46	12.40	45.30	29.28	9.20	8.21	4.2	2.22	103.5
733	11/12/2010 2:01	12.38	45.27	29.26	9.06	8.21	4.1	2.30	101.8
734	11/12/2010 2:16	12.40	45.58	29.48	8.95	8.20	4.2	2.39	100.7
735	11/12/2010 2:31	12.42	45.71	29.57	8.88	8.20	4.5	2.47	100.1
736	11/12/2010 2:46	12.42	45.85	29.68	8.85	8.19	4.3	2.55	99.9
737	11/12/2010 3:01	12.40	46.13	29.88	8.86	8.20	4.4	2.63	100.1
738	11/12/2010 3:16	12.39	46.64	30.24	8.84	8.19	4.5	2.70	100.1
739	11/12/2010 3:31	12.35	46.19	29.92	8.85	8.18	4.6	2.77	99.9
740	11/12/2010 3:46	12.27	46.24	29.95	8.81	8.18	4.9	2.84	99.3
741	11/12/2010 4:01	12.23	46.52	30.15	8.80	8.18	5.0	2.91	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	DO%
			mS/cm		mg/L		NTU	meters	
742	11/12/2010 4:16	12.20	47.05	30.53	8.79	8.19	5.4	2.96	99.2
743	11/12/2010 4:31	12.15	47.00	30.49	8.81	8.18	5.3	3.01	99.4
744	11/12/2010 4:46	12.10	47.29	30.70	8.83	8.19	4.9	3.07	99.6
745	11/12/2010 5:01	12.06	47.40	30.77	8.83	8.19	4.9	3.13	99.5
746	11/12/2010 5:16	12.02	46.19	29.90	8.86	8.18	4.9	3.17	99.2
747	11/12/2010 5:31	11.98	47.25	30.66	8.79	8.19	4.4	3.20	98.9
748	11/12/2010 5:46	11.95	47.28	30.69	8.78	8.18	4.2	3.23	98.7
749	11/12/2010 6:01	11.93	46.55	30.16	8.72	8.17	3.3	3.23	97.7
750	11/12/2010 6:16	11.92	47.06	30.53	8.74	8.18	4.2	3.23	98.1
751	11/12/2010 6:31	11.93	47.16	30.59	8.77	8.19	4.9	3.21	98.4
752	11/12/2010 6:46	11.98	47.20	30.63	8.76	8.17	4.4	3.19	98.5
753	11/12/2010 7:01	11.99	46.89	30.40	8.72	8.18	4.0	3.16	97.9
754	11/12/2010 7:16	12.05	47.00	30.49	8.73	8.18	4.9	3.09	98.2
755	11/12/2010 7:31	12.07	46.77	30.33	8.67	8.17	4.8	3.05	97.5
756	11/12/2010 7:46	12.07	46.99	30.48	8.69	8.19	4.4	2.99	97.8
757	11/12/2010 8:01	12.05	47.02	30.50	8.59	8.18	4.4	2.94	96.7
758	11/12/2010 8:16	11.96	46.85	30.37	8.55	8.17	4.9	2.87	95.9
759	11/12/2010 8:31	11.98	47.54	30.87	8.48	8.17	4.1	2.81	95.5
760	11/12/2010 8:46	11.96	47.59	30.91	8.46	8.16	4.0	2.77	95.3
761	11/12/2010 9:01	11.98	46.98	30.47	8.49	8.16	4.0	2.72	95.3
762	11/12/2010 9:16	11.96	46.74	30.29	8.51	8.16	4.0	2.66	95.4
763	11/12/2010 9:31	12.02	46.73	30.29	8.51	8.17	3.8	2.63	95.6
764	11/12/2010 9:46	11.99	46.41	30.06	8.55	8.16	4.2	2.59	95.8
765	11/12/2010 10:01	12.06	46.19	29.90	8.67	8.18	3.7	2.58	97.2
766	11/12/2010 10:16	12.10	46.43	30.08	8.69	8.19	3.8	2.53	97.6
767	11/12/2010 10:31	12.10	45.35	29.30	8.75	8.18	3.4	2.52	97.9
768	11/12/2010 10:46	12.11	44.86	28.95	8.75	8.18	3.2	2.52	97.7
769	11/12/2010 11:01	12.14	45.78	29.61	8.71	8.19	3.2	2.51	97.6
770	11/12/2010 11:16	12.13	46.55	30.17	8.68	8.19	3.2	2.51	97.6
771	11/12/2010 11:31	12.13	46.11	29.85	8.73	8.19	3.7	2.51	98.0
772	11/12/2010 11:46	12.12	46.06	29.81	8.74	8.17	3.9	2.55	98.0
773	11/12/2010 12:01	12.10	46.07	29.82	8.60	8.16	3.9	2.55	96.4
774	11/12/2010 12:16	12.12	45.22	29.21	8.70	8.18	3.9	2.59	97.2
775	11/12/2010 12:31	12.15	45.05	29.10	8.70	8.16	3.9	2.63	97.2
776	11/12/2010 12:46	12.14	45.34	29.30	8.61	8.16	3.9	2.67	96.4
777	11/12/2010 13:01	12.28	45.22	29.22	8.76	8.18	3.5	2.71	98.3
778	11/12/2010 13:16	12.17	46.37	30.04	8.65	8.18	3.7	2.75	97.3
779	11/12/2010 13:31	12.13	46.76	30.32	8.61	8.18	3.6	2.79	96.9
780	11/12/2010 13:46	12.10	47.32	30.72	8.63	8.18	3.8	2.83	97.4
781	11/12/2010 14:01	12.11	47.37	30.76	8.65	8.18	4.0	2.88	97.6
782	11/12/2010 14:16	12.06	47.55	30.88	8.66	8.16	3.9	2.92	97.7
783	11/12/2010 14:31	12.10	47.70	30.99	8.70	8.18	3.7	2.97	98.3
784	11/12/2010 14:46	12.17	47.13	30.58	8.76	8.17	3.7	3.01	98.9
785	11/12/2010 15:01	12.08	47.43	30.80	8.74	8.19	3.8	3.05	98.6
786	11/12/2010 15:16	12.11	47.93	31.16	8.78	8.18	3.8	3.09	99.3
787	11/12/2010 15:31	12.05	47.53	30.87	8.79	8.19	3.8	3.13	99.1
788	11/12/2010 15:46	11.97	47.78	31.05	8.78	8.18	3.9	3.18	99.0
789	11/12/2010 16:01	11.94	48.28	31.41	8.76	8.17	3.8	3.20	98.8
790	11/12/2010 16:16	12.02	46.99	30.48	8.83	8.19	3.8	3.22	99.3
791	11/12/2010 16:31	12.09	47.40	30.78	8.80	8.18	3.4	3.24	99.3
792	11/12/2010 16:46	12.07	47.05	30.52	8.74	8.18	3.1	3.27	98.4
793	11/12/2010 17:01	12.02	47.31	30.71	8.63	8.18	3.4	3.25	97.2
794	11/12/2010 17:16	11.99	46.77	30.32	8.72	8.18	4.0	3.22	97.9

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	
795	11/12/2010 17:31	12.01	46.74	30.30	8.76	8.18	3.5	3.21	98.4
796	11/12/2010 17:46	12.18	46.56	30.18	8.86	8.18	5.0	3.18	99.8
797	11/12/2010 18:01	12.27	46.58	30.20	8.90	8.19	5.1	3.11	100.4
798	11/12/2010 18:16	12.37	45.84	29.66	8.98	8.19	6.4	3.07	101.2
799	11/12/2010 18:31	12.35	46.18	29.91	8.88	8.19	6.5	3.00	100.2
800	11/12/2010 18:46	12.34	45.73	29.59	8.93	8.21	6.7	2.93	100.6
801	11/12/2010 19:01	12.26	46.28	29.98	8.79	8.20	5.0	2.85	99.0
802	11/12/2010 19:16	12.32	46.04	29.81	8.97	8.20	5.2	2.77	101.1
803	11/12/2010 19:31	12.37	45.52	29.43	9.07	8.20	5.7	2.68	102.1
804	11/12/2010 19:46	12.42	45.91	29.72	9.12	8.22	6.3	2.61	102.9
805	11/12/2010 20:01	12.33	45.81	29.65	8.94	8.20	5.6	2.54	100.6
806	11/12/2010 20:16	12.30	46.63	30.23	8.90	8.21	6.3	2.45	100.5
807	11/12/2010 20:31	12.30	45.76	29.61	8.94	8.21	7.4	2.33	100.6
808	11/12/2010 20:46	12.31	46.92	30.44	9.01	8.22	7.9	2.24	101.9
809	11/12/2010 21:01	12.36	46.20	29.92	9.23	8.25	8.1	2.18	104.2
810	11/12/2010 21:16	12.38	46.57	30.19	9.40	8.27	8.1	2.10	106.3
811	11/12/2010 21:31	12.33	45.74	29.59	9.52	8.27	8.1	2.01	107.1
812	11/12/2010 21:46	12.27	45.06	29.10	9.51	8.27	8.0	1.96	106.5
813	11/12/2010 22:01	12.28	44.60	28.77	9.59	8.29	7.7	1.89	107.3
814	11/12/2010 22:16	12.25	45.42	29.36	9.54	8.29	7.8	1.83	107.0
815	11/12/2010 22:31	12.20	45.03	29.08	9.54	8.29	7.5	1.74	106.7
816	11/12/2010 22:46	12.22	45.54	29.45	9.56	8.30	7.2	1.72	107.2
817	11/12/2010 23:01	12.21	44.41	28.64	9.62	8.30	7.1	1.69	107.3
818	11/12/2010 23:16	12.20	44.93	29.01	9.59	8.31	6.8	1.65	107.2
819	11/12/2010 23:31	12.18	44.66	28.82	9.54	8.30	6.0	1.64	106.5
820	11/12/2010 23:46	12.21	44.93	29.01	9.58	8.28	7.4	1.67	107.1
821	11/13/2010 0:01	12.33	44.92	29.01	9.56	8.28	7.4	1.68	107.2
822	11/13/2010 0:16	12.23	45.07	29.11	9.50	8.27	7.3	1.69	106.3
823	11/13/2010 0:31	12.24	44.54	28.73	9.54	8.27	7.4	1.73	106.6
824	11/13/2010 0:46	12.27	44.89	28.98	9.55	8.27	7.1	1.83	106.9
825	11/13/2010 1:01	12.29	45.42	29.36	9.49	8.27	6.9	1.86	106.6
826	11/13/2010 1:16	12.24	45.09	29.13	9.39	8.27	7.0	1.91	105.2
827	11/13/2010 1:31	12.26	45.07	29.11	9.40	8.26	6.6	1.98	105.3
828	11/13/2010 1:46	12.30	44.89	28.98	9.38	8.26	6.3	2.07	105.1
829	11/13/2010 2:01	12.32	45.35	29.31	9.34	8.25	6.2	2.13	104.9
830	11/13/2010 2:16	12.35	45.48	29.41	9.31	8.25	6.0	2.22	104.7
831	11/13/2010 2:31	12.37	45.63	29.52	9.16	8.24	6.3	2.26	103.1
832	11/13/2010 2:46	12.35	45.69	29.56	9.01	8.21	5.8	2.36	101.4
833	11/13/2010 3:01	12.32	45.74	29.59	8.91	8.21	5.4	2.43	100.3
834	11/13/2010 3:16	12.32	46.09	29.84	8.81	8.19	5.1	2.48	99.3
835	11/13/2010 3:31	12.32	46.15	29.89	8.84	8.20	4.9	2.56	99.6
836	11/13/2010 3:46	12.32	46.14	29.88	8.85	8.20	4.7	2.62	99.7
837	11/13/2010 4:01	12.28	46.19	29.92	8.85	8.20	4.6	2.71	99.7
838	11/13/2010 4:16	12.25	46.53	30.16	8.84	8.21	5.1	2.75	99.6
839	11/13/2010 4:31	12.10	46.46	30.10	8.81	8.18	5.3	2.84	99.0
840	11/13/2010 4:46	12.06	46.54	30.16	8.80	8.20	5.6	2.89	98.8
841	11/13/2010 5:01	12.04	46.88	30.40	8.78	8.18	5.2	2.95	98.7
842	11/13/2010 5:16	12.02	47.04	30.52	8.77	8.19	5.0	3.03	98.6
843	11/13/2010 5:31	11.98	46.18	29.89	8.80	8.18	5.1	3.08	98.5
844	11/13/2010 5:46	11.93	46.94	30.44	8.76	8.18	4.9	3.13	98.3
845	11/13/2010 6:01	11.85	46.80	30.34	8.76	8.20	4.7	3.18	98.1
846	11/13/2010 6:16	11.83	47.10	30.55	8.74	8.19	4.6	3.23	98.0
847	11/13/2010 6:31	11.81	47.10	30.55	8.71	8.18	4.5	3.25	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	DO%
			mS/cm		mg/L		NTU	meters	
848	11/13/2010 6:46	11.79	46.86	30.38	8.67	8.18	4.0	3.24	96.9
849	11/13/2010 7:01	11.79	46.12	29.85	8.64	8.18	3.3	3.22	96.3
850	11/13/2010 7:16	11.80	46.42	30.06	8.65	8.18	4.2	3.24	96.5
851	11/13/2010 7:31	11.81	46.85	30.37	8.64	8.19	4.2	3.20	96.7
852	11/13/2010 7:46	11.84	46.71	30.27	8.66	8.18	4.2	3.17	96.8
853	11/13/2010 8:01	11.79	46.21	29.91	8.59	8.16	4.3	3.15	95.7
854	11/13/2010 8:16	11.85	46.35	30.02	8.69	8.19	4.6	3.13	97.1
855	11/13/2010 8:31	11.87	46.35	30.01	8.68	8.19	4.8	3.04	97.0
856	11/13/2010 8:46	11.86	46.25	29.94	8.67	8.19	4.8	2.99	96.8
857	11/13/2010 9:01	11.76	46.00	29.76	8.58	8.18	9.3	2.92	95.5
858	11/13/2010 9:16	11.75	46.07	29.81	8.61	8.18	4.3	2.86	95.9
859	11/13/2010 9:31	11.69	46.20	29.90	8.60	8.18	4.1	2.82	95.7
860	11/13/2010 9:46	11.72	45.92	29.70	8.63	8.19	3.8	2.77	95.9
861	11/13/2010 10:01	11.72	46.09	29.82	8.63	8.18	4.1	2.72	96.0
862	11/13/2010 10:16	11.75	46.11	29.83	8.66	8.18	4.0	2.66	96.4
863	11/13/2010 10:31	11.77	45.85	29.65	8.70	8.20	3.8	2.66	96.8
864	11/13/2010 10:46	11.80	45.59	29.46	8.75	8.20	3.9	2.60	97.3
865	11/13/2010 11:01	11.86	45.49	29.40	8.86	8.20	3.9	2.54	98.6
866	11/13/2010 11:16	11.95	45.91	29.70	8.86	8.21	3.8	2.51	99.0
867	11/13/2010 11:31	12.00	45.92	29.71	8.94	8.22	3.8	2.47	100.0
868	11/13/2010 11:46	12.05	46.08	29.82	8.96	8.21	3.7	2.45	100.3
869	11/13/2010 12:01	12.08	45.42	29.36	9.00	8.23	4.0	2.44	100.6
870	11/13/2010 12:16	12.10	45.39	29.33	9.01	8.22	3.7	2.42	100.7
871	11/13/2010 12:31	12.12	45.33	29.29	8.98	8.23	3.6	2.40	100.4
872	11/13/2010 12:46	12.12	46.26	29.96	8.88	8.21	3.3	2.39	99.7
873	11/13/2010 13:01	12.01	45.95	29.73	8.86	8.20	3.9	2.40	99.1
874	11/13/2010 13:16	11.98	46.32	30.00	8.82	8.19	4.0	2.44	98.7
875	11/13/2010 13:31	12.06	46.00	29.77	8.88	8.20	3.8	2.47	99.5
876	11/13/2010 13:46	12.03	46.29	29.98	8.84	8.21	3.9	2.48	99.0
877	11/13/2010 14:01	11.99	46.33	30.00	8.76	8.19	3.7	2.54	98.2
878	11/13/2010 14:16	11.95	46.42	30.07	8.70	8.18	3.8	2.59	97.4
879	11/13/2010 14:31	11.99	46.35	30.02	8.71	8.20	3.7	2.61	97.6
880	11/13/2010 14:46	11.99	46.76	30.31	8.68	8.19	3.5	2.67	97.5
881	11/13/2010 15:01	11.96	46.62	30.21	8.66	8.19	3.6	2.70	97.1
882	11/13/2010 15:16	11.92	46.85	30.37	8.62	8.19	3.7	2.76	96.7
883	11/13/2010 15:31	12.00	46.66	30.24	8.72	8.20	3.5	2.81	97.8
884	11/13/2010 15:46	12.00	47.23	30.65	8.69	8.19	3.4	2.85	97.8
885	11/13/2010 16:01	12.02	46.76	30.31	8.71	8.20	3.5	2.88	97.9
886	11/13/2010 16:16	12.01	46.91	30.42	8.72	8.19	3.5	2.92	97.9
887	11/13/2010 16:31	12.00	47.24	30.66	8.73	8.20	3.7	2.96	98.2
888	11/13/2010 16:46	11.96	46.94	30.44	8.74	8.19	3.5	2.98	98.1
889	11/13/2010 17:01	11.96	47.14	30.58	8.69	8.18	3.5	3.02	97.6
890	11/13/2010 17:16	11.97	47.43	30.79	8.72	8.19	3.4	3.03	98.1
891	11/13/2010 17:31	11.96	47.45	30.81	8.61	8.19	2.9	3.03	96.8
892	11/13/2010 17:46	11.94	46.06	29.81	8.63	8.19	2.6	3.06	96.5
893	11/13/2010 18:01	11.94	46.95	30.45	8.60	8.19	2.9	3.06	96.5
894	11/13/2010 18:16	11.92	48.19	31.34	8.54	8.19	3.2	3.05	96.3
895	11/13/2010 18:31	11.93	46.31	29.98	8.68	8.19	3.4	3.03	97.0
896	11/13/2010 18:46	11.95	46.46	30.09	8.65	8.19	3.7	3.01	96.9
897	11/13/2010 19:01	11.98	46.04	29.79	8.72	8.20	3.4	2.97	97.5
898	11/13/2010 19:16	12.00	46.67	30.25	8.67	8.18	3.8	2.91	97.3
899	11/13/2010 19:31	12.08	45.97	29.75	8.67	8.20	4.0	2.87	97.1
900	11/13/2010 19:46	12.16	47.02	30.51	8.51	8.19	4.2	2.81	96.0

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	
901	11/13/2010 20:01	12.21	46.17	29.89	8.71	8.20	4.5	2.75	97.9
902	11/13/2010 20:16	12.20	46.26	29.96	8.61	8.18	4.5	2.66	96.8
903	11/13/2010 20:31	12.23	47.36	30.75	8.59	8.21	4.6	2.60	97.1
904	11/13/2010 20:46	12.23	46.82	30.36	8.75	8.20	4.6	2.53	98.7
905	11/13/2010 21:01	12.25	47.17	30.62	8.77	8.22	4.9	2.45	99.1
906	11/13/2010 21:16	12.23	47.08	30.55	8.65	8.20	4.9	2.38	97.8
907	11/13/2010 21:31	12.21	47.17	30.62	8.65	8.19	5.2	2.30	97.7
908	11/13/2010 21:46	12.22	47.32	30.73	8.73	8.21	5.2	2.21	98.7
909	11/13/2010 22:01	12.25	46.52	30.15	8.93	8.24	5.3	2.14	100.7
910	11/13/2010 22:16	12.26	46.41	30.08	9.01	8.24	5.4	2.08	101.6
911	11/13/2010 22:31	12.29	46.81	30.36	9.11	8.26	5.3	2.01	103.0
912	11/13/2010 22:46	12.30	46.54	30.17	9.17	8.27	5.4	1.96	103.5
913	11/13/2010 23:01	12.31	45.10	29.14	9.31	8.27	5.1	1.92	104.4
914	11/13/2010 23:16	12.31	45.17	29.18	9.30	8.27	5.2	1.86	104.3
915	11/13/2010 23:31	12.30	45.73	29.58	9.32	8.29	5.1	1.83	104.9
916	11/13/2010 23:46	12.31	46.75	30.32	9.29	8.28	4.8	1.79	105.0
917	11/14/2010 0:01	12.30	44.84	28.94	9.38	8.29	4.6	1.77	105.1
918	11/14/2010 0:16	12.31	44.86	28.96	9.42	8.31	4.9	1.79	105.6
919	11/14/2010 0:31	12.30	45.06	29.10	9.41	8.30	4.6	1.77	105.5
920	11/14/2010 0:46	12.30	45.65	29.53	9.34	8.30	4.7	1.78	105.0
921	11/14/2010 1:01	12.31	45.25	29.24	9.30	8.29	5.1	1.82	104.4
922	11/14/2010 1:16	12.31	45.00	29.06	9.28	8.29	5.0	1.86	104.1
923	11/14/2010 1:31	12.31	45.13	29.16	9.32	8.29	5.0	1.87	104.5
924	11/14/2010 1:46	12.31	45.58	29.48	9.29	8.28	4.6	1.91	104.5
925	11/14/2010 2:01	12.30	46.70	30.28	9.17	8.27	4.6	1.99	103.6
926	11/14/2010 2:16	12.22	46.34	30.02	9.07	8.26	4.9	2.03	102.1
927	11/14/2010 2:31	12.23	46.00	29.78	9.03	8.26	4.7	2.09	101.5
928	11/14/2010 2:46	12.25	46.43	30.08	8.97	8.23	4.3	2.15	101.1
929	11/14/2010 3:01	12.25	45.97	29.76	8.95	8.25	4.3	2.22	100.7
930	11/14/2010 3:16	12.22	46.24	29.95	8.89	8.23	4.4	2.29	100.1
931	11/14/2010 3:31	12.16	45.77	29.61	8.76	8.20	4.3	2.35	98.2
932	11/14/2010 3:46	12.14	45.95	29.74	8.74	8.21	4.3	2.43	98.0
933	11/14/2010 4:01	12.11	46.62	30.22	8.65	8.20	4.1	2.50	97.3
934	11/14/2010 4:16	12.10	46.10	29.84	8.67	8.20	3.8	2.56	97.2
935	11/14/2010 4:31	12.07	46.83	30.36	8.65	8.20	3.8	2.64	97.3
936	11/14/2010 4:46	12.04	46.84	30.37	8.65	8.19	3.8	2.70	97.2
937	11/14/2010 5:01	12.03	46.58	30.19	8.66	8.20	3.7	2.76	97.2
938	11/14/2010 5:16	12.00	46.61	30.21	8.66	8.19	4.0	2.83	97.1
939	11/14/2010 5:31	11.99	46.76	30.31	8.64	8.20	4.0	2.89	97.0
940	11/14/2010 5:46	11.97	46.83	30.36	8.66	8.19	4.4	2.95	97.2
941	11/14/2010 6:01	11.95	46.83	30.36	8.67	8.19	4.2	3.00	97.3
942	11/14/2010 6:16	11.92	46.43	30.07	8.69	8.19	4.5	3.07	97.3
943	11/14/2010 6:31	11.90	46.87	30.38	8.68	8.19	4.1	3.10	97.3
944	11/14/2010 6:46	11.88	46.87	30.39	8.67	8.19	4.2	3.16	97.2
945	11/14/2010 7:01	11.85	46.23	29.93	8.69	8.19	4.0	3.20	97.0
946	11/14/2010 7:16	11.83	46.17	29.88	8.68	8.17	4.0	3.23	96.8
947	11/14/2010 7:31	11.82	47.99	31.19	8.58	8.19	4.1	3.26	96.5
948	11/14/2010 7:46	11.85	46.67	30.24	8.58	8.18	3.6	3.25	96.0
949	11/14/2010 8:01	11.82	47.62	30.92	8.54	8.17	3.4	3.25	95.9
950	11/14/2010 8:16	11.81	47.81	31.06	8.53	8.17	3.5	3.24	95.9
951	11/14/2010 8:31	11.83	48.53	31.58	8.52	8.19	4.0	3.20	96.1
952	11/14/2010 8:46	11.85	47.56	30.88	8.52	8.18	4.0	3.16	95.7
953	11/14/2010 9:01	11.89	46.78	30.32	8.56	8.17	4.2	3.11	95.8

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		
954	11/14/2010 9:16	11.94	46.78	30.32	8.43	8.17	4.0	3.05	94.5
955	11/14/2010 9:31	11.94	47.15	30.59	8.48	8.17	3.7	2.99	95.2
956	11/14/2010 9:46	11.97	46.19	29.90	8.50	8.17	3.7	2.93	95.2
957	11/14/2010 10:01	12.00	46.86	30.38	8.56	8.18	3.6	2.86	96.1
958	11/14/2010 10:16	12.04	47.21	30.64	8.56	8.18	3.4	2.80	96.4
959	11/14/2010 10:31	12.07	47.20	30.63	8.62	8.18	3.2	2.73	97.1
960	11/14/2010 10:46	12.12	47.20	30.63	8.67	8.20	3.4	2.68	97.8
961	11/14/2010 11:01	12.16	47.45	30.81	8.69	8.21	3.4	2.62	98.2
962	11/14/2010 11:16	12.18	47.12	30.58	8.70	8.21	3.2	2.55	98.2
963	11/14/2010 11:31	12.21	46.80	30.35	8.80	8.22	3.4	2.50	99.3
964	11/14/2010 11:46	12.22	46.42	30.08	8.81	8.22	3.5	2.46	99.2
965	11/14/2010 12:01	12.27	46.93	30.45	8.90	8.23	3.5	2.39	100.6
966	11/14/2010 12:16	12.32	46.20	29.92	9.04	8.23	3.4	2.33	101.9
967	11/14/2010 12:31	12.36	46.66	30.26	9.08	8.25	3.4	2.30	102.7
968	11/14/2010 12:46	12.39	45.99	29.77	9.10	8.25	3.4	2.27	102.7
969	11/14/2010 13:01	12.40	45.81	29.65	9.10	8.26	3.5	2.24	102.6
970	11/14/2010 13:16	12.41	45.82	29.65	9.09	8.25	3.4	2.21	102.5
971	11/14/2010 13:31	12.40	45.83	29.66	8.96	8.24	3.2	2.22	101.0
972	11/14/2010 13:46	12.42	45.79	29.63	9.08	8.24	3.4	2.23	102.4
973	11/14/2010 14:01	12.40	45.76	29.61	9.06	8.23	3.6	2.22	102.1
974	11/14/2010 14:16	12.43	45.78	29.63	9.05	8.24	3.7	2.24	102.1
975	11/14/2010 14:31	12.41	45.75	29.60	9.03	8.24	3.5	2.28	101.8
976	11/14/2010 14:46	12.42	45.81	29.65	9.01	8.23	3.5	2.31	101.6
977	11/14/2010 15:01	12.37	45.42	29.37	8.91	8.21	3.4	2.35	100.2
978	11/14/2010 15:16	12.32	45.78	29.62	8.84	8.20	3.5	2.39	99.4
979	11/14/2010 15:31	12.29	45.94	29.74	8.77	8.21	3.2	2.43	98.7
980	11/14/2010 15:46	12.28	45.91	29.72	8.74	8.20	3.2	2.49	98.3
981	11/14/2010 16:01	12.30	45.95	29.74	8.74	8.21	3.1	2.54	98.4
982	11/14/2010 16:16	12.34	45.81	29.64	8.77	8.21	3.2	2.55	98.7
983	11/14/2010 16:31	12.32	45.74	29.59	8.74	8.21	3.2	2.61	98.3
984	11/14/2010 16:46	12.30	45.80	29.64	8.74	8.20	2.9	2.66	98.3
985	11/14/2010 17:01	12.31	45.85	29.67	8.68	8.20	3.0	2.67	97.7
986	11/14/2010 17:16	12.28	45.92	29.72	8.65	8.20	3.1	2.72	97.3
987	11/14/2010 17:31	12.23	45.96	29.75	8.62	8.20	3.2	2.76	96.9
988	11/14/2010 17:46	12.17	46.07	29.83	8.52	8.19	3.2	2.78	95.7
989	11/14/2010 18:01	12.17	45.90	29.70	8.55	8.18	3.1	2.82	95.9
990	11/14/2010 18:16	12.13	46.40	30.06	8.55	8.19	2.9	2.84	96.1
991	11/14/2010 18:31	12.11	46.44	30.08	8.56	8.18	2.9	2.86	96.2
992	11/14/2010 18:46	12.08	46.17	29.89	8.54	8.19	3.0	2.89	95.8
993	11/14/2010 19:01	12.07	46.77	30.33	8.42	8.17	2.6	2.89	94.6
994	11/14/2010 19:16	12.15	46.07	29.82	8.49	8.18	2.8	2.90	95.3
995	11/14/2010 19:31	12.16	45.99	29.77	8.54	8.18	3.0	2.90	95.9
996	11/14/2010 19:46	12.25	46.08	29.83	8.57	8.21	3.5	2.88	96.4
997	11/14/2010 20:01	12.22	46.16	29.89	8.53	8.19	3.8	2.87	95.9
998	11/14/2010 20:16	12.24	45.83	29.66	8.43	8.19	7.0	2.83	94.7
999	11/14/2010 20:31	12.26	46.03	29.80	8.43	8.19	13.8	2.78	94.9
1000	11/14/2010 20:46	12.24	45.85	29.67	8.42	8.19	12.3	2.74	94.7
1001	11/14/2010 21:01	12.26	45.80	29.64	8.50	8.19	13.4	2.69	95.6
1002	11/14/2010 21:16	12.31	46.64	30.24	8.50	8.20	12.9	2.62	96.0
1003	11/14/2010 21:31	12.30	47.09	30.57	8.45	8.19	12.2	2.55	95.6
1004	11/14/2010 21:46	12.25	47.19	30.63	8.42	8.19	12.7	2.50	95.2
1005	11/14/2010 22:01	12.28	46.81	30.36	8.50	8.19	12.7	2.42	96.0
1006	11/14/2010 22:16	12.31	46.76	30.32	8.50	8.20	10.3	2.36	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	DO%
			mS/cm		mg/L		NTU	meters	
1007	11/14/2010 22:31	12.37	46.44	30.10	8.59	8.21	10.4	2.29	97.1
1008	11/14/2010 22:46	12.35	46.20	29.93	8.57	8.20	10.6	2.21	96.7
1009	11/14/2010 23:01	12.40	46.63	30.23	8.55	8.21	10.9	2.16	96.8
1010	11/14/2010 23:16	12.48	46.68	30.27	8.66	8.23	11.9	2.10	98.2
1011	11/14/2010 23:31	12.50	46.37	30.05	8.64	8.22	12.0	2.04	97.9
1012	11/14/2010 23:46	12.55	46.35	30.04	8.71	8.24	11.7	1.99	98.7
1013	11/15/2010 0:01	12.57	46.81	30.37	8.69	8.23	11.5	1.94	98.7
1014	11/15/2010 0:16	12.62	45.29	29.28	8.80	8.25	10.9	1.92	99.5
1015	11/15/2010 0:31	12.62	45.30	29.29	8.79	8.26	10.5	1.89	99.3
1016	11/15/2010 0:46	12.63	45.05	29.11	8.80	8.25	10.9	1.84	99.3
1017	11/15/2010 1:01	12.64	45.48	29.42	8.72	8.24	9.6	1.86	98.6
1018	11/15/2010 1:16	12.60	45.69	29.56	8.72	8.24	10.7	1.85	98.6
1019	11/15/2010 1:31	12.59	44.85	28.97	8.78	8.23	10.5	1.85	98.9
1020	11/15/2010 1:46	12.57	44.94	29.03	8.75	8.23	10.1	1.85	98.6
1021	11/15/2010 2:01	12.56	45.37	29.34	8.75	8.23	9.9	1.89	98.8
1022	11/15/2010 2:16	12.57	45.08	29.13	8.77	8.25	10.9	1.93	99.0
1023	11/15/2010 2:31	12.56	44.89	28.99	8.77	8.24	10.9	1.95	98.8
1024	11/15/2010 2:46	12.54	45.03	29.09	8.76	8.24	10.1	2.00	98.7
1025	11/15/2010 3:01	12.49	45.58	29.49	8.65	8.22	9.2	2.06	97.6
1026	11/15/2010 3:16	12.45	45.36	29.32	8.65	8.22	8.4	2.11	97.4
1027	11/15/2010 3:31	12.47	45.55	29.47	8.65	8.22	8.4	2.17	97.5
1028	11/15/2010 3:46	12.47	45.31	29.29	8.64	8.21	7.9	2.23	97.3
1029	11/15/2010 4:01	12.44	45.37	29.33	8.62	8.20	7.9	2.31	97.1
1030	11/15/2010 4:16	12.42	45.04	29.09	8.61	8.21	7.4	2.37	96.8
1031	11/15/2010 4:31	12.39	44.80	28.93	8.61	8.21	7.1	2.44	96.6
1032	11/15/2010 4:46	12.36	45.02	29.08	8.63	8.22	7.4	2.52	96.8
1033	11/15/2010 5:01	12.32	45.80	29.63	8.58	8.20	6.7	2.58	96.6
1034	11/15/2010 5:16	12.23	46.36	30.04	8.55	8.20	5.4	2.65	96.3
1035	11/15/2010 5:31	12.16	46.53	30.15	8.53	8.20	5.0	2.71	96.0
1036	11/15/2010 5:46	12.10	46.83	30.37	8.52	8.19	5.6	2.78	95.9
1037	11/15/2010 6:01	12.08	46.87	30.39	8.50	8.19	6.0	2.84	95.6
1038	11/15/2010 6:16	12.06	46.84	30.37	8.50	8.18	6.0	2.90	95.6
1039	11/15/2010 6:31	12.06	46.56	30.17	8.52	8.18	6.2	2.97	95.7
1040	11/15/2010 6:46	12.01	46.27	29.96	8.55	8.17	7.1	3.02	95.7
1041	11/15/2010 7:01	11.99	47.21	30.64	8.51	8.17	7.0	3.08	95.7
1042	11/15/2010 7:16	11.97	46.73	30.29	8.52	8.17	5.8	3.13	95.6
1043	11/15/2010 7:31	11.94	46.40	30.05	8.55	8.18	5.4	3.17	95.7
1044	11/15/2010 7:46	11.92	46.98	30.47	8.51	8.18	4.9	3.21	95.4
1045	11/15/2010 8:01	11.90	47.05	30.52	8.49	8.17	4.6	3.24	95.2
1046	11/15/2010 8:16	11.90	47.62	30.93	8.42	8.17	4.0	3.26	94.7
1047	11/15/2010 8:31	11.90	46.41	30.06	8.42	8.16	3.7	3.28	94.1
1048	11/15/2010 8:46	11.89	47.03	30.50	8.41	8.18	4.2	3.28	94.3
1049	11/15/2010 9:01	11.89	48.22	31.36	8.39	8.18	4.6	3.25	94.7
1050	11/15/2010 9:16	11.90	48.59	31.63	8.35	8.17	4.9	3.22	94.3
1051	11/15/2010 9:31	11.95	48.01	31.21	8.33	8.16	6.3	3.17	93.9
1052	11/15/2010 9:46	11.97	47.67	30.97	8.38	8.16	7.1	3.12	94.4
1053	11/15/2010 10:01	12.01	46.56	30.17	8.48	8.18	6.3	3.04	95.2
1054	11/15/2010 10:16	12.01	47.48	30.83	8.52	8.17	6.3	2.98	96.0
1055	11/15/2010 10:31	12.03	47.29	30.70	8.59	8.19	5.4	2.91	96.7
1056	11/15/2010 10:46	12.11	47.42	30.79	8.60	8.20	5.2	2.84	97.0
1057	11/15/2010 11:01	12.16	46.28	29.98	8.72	8.19	4.8	2.78	98.0
1058	11/15/2010 11:16	12.23	46.73	30.30	8.74	8.21	4.8	2.70	98.6
1059	11/15/2010 11:31	12.35	46.65	30.25	8.76	8.22	5.1	2.63	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	DO%
			mS/cm		mg/L		NTU	meters	
1060	11/15/2010 11:46	12.45	46.64	30.24	8.83	8.22	4.9	2.57	100.1
1061	11/15/2010 12:01	12.51	47.54	30.90	8.82	8.22	5.6	2.49	100.5
1062	11/15/2010 12:16	12.61	47.62	30.96	8.91	8.22	5.7	2.42	101.8
1063	11/15/2010 12:31	12.69	45.49	29.42	9.01	8.24	5.9	2.36	102.1
1064	11/15/2010 12:46	12.83	47.53	30.90	9.08	8.26	5.9	2.27	104.0
1065	11/15/2010 13:01	12.93	46.46	30.13	9.20	8.27	5.8	2.22	105.3
1066	11/15/2010 13:16	13.01	47.36	30.79	9.11	8.28	6.1	2.16	104.7
1067	11/15/2010 13:31	13.07	47.32	30.76	9.11	8.27	6.0	2.11	104.8
1068	11/15/2010 13:46	13.18	46.66	30.29	9.17	8.29	6.2	2.06	105.5
1069	11/15/2010 14:01	13.20	46.39	30.09	9.16	8.29	6.1	2.03	105.3
1070	11/15/2010 14:16	13.18	46.60	30.24	9.06	8.29	5.8	2.00	104.2
1071	11/15/2010 14:31	13.20	46.38	30.09	8.98	8.29	5.8	1.99	103.3
1072	11/15/2010 14:46	13.26	46.12	29.90	9.05	8.29	5.3	1.99	104.1
1073	11/15/2010 15:01	13.05	45.51	29.45	8.94	8.27	6.0	2.01	102.0
1074	11/15/2010 15:16	13.07	45.99	29.80	8.97	8.26	6.4	2.04	102.6
1075	11/15/2010 15:31	13.00	45.60	29.52	8.94	8.25		2.06	102.0
1076	11/15/2010 15:46	12.94	45.57	29.49	8.85	8.24	6.3	2.10	100.8
1077	11/15/2010 16:01	12.95	45.53	29.47	8.85	8.25	6.1	2.15	100.8
1078	11/15/2010 16:16	12.90	45.62	29.53	8.84	8.24	5.9	2.20	100.7
1079	11/15/2010 16:31	12.89	45.71	29.59	8.80	8.23	5.9	2.24	100.2
1080	11/15/2010 16:46	12.86	45.84	29.69	8.81	8.22	5.7	2.29	100.4
1081	11/15/2010 17:01	12.82	45.95	29.77	8.77	8.22	5.6	2.34	99.8
1082	11/15/2010 17:16	12.82	46.47	30.14	8.73	8.22	5.9	2.39	99.6
1083	11/15/2010 17:31	12.81	46.42	30.10	8.73	8.23	5.4	2.43	99.5
1084	11/15/2010 17:46	12.83	46.39	30.08	8.72	8.21	5.3	2.49	99.5
1085	11/15/2010 18:01	12.78	46.57	30.20	8.65	8.22	5.0	2.53	98.6
1086	11/15/2010 18:16	12.68	46.25	29.97	8.61	8.21	4.9	2.58	97.9
1087	11/15/2010 18:31	12.58	46.85	30.40	8.54	8.20	5.0	2.62	97.1
1088	11/15/2010 18:46	12.56	47.01	30.52	8.48	8.20	4.6	2.66	96.5
1089	11/15/2010 19:01	12.52	47.32	30.73	8.49	8.20	4.5	2.71	96.6
1090	11/15/2010 19:16	12.47	47.48	30.85	8.43	8.19	4.5	2.74	95.9
1091	11/15/2010 19:31	12.36	45.88	29.69	8.45	8.17	4.3	2.78	95.3
1092	11/15/2010 19:46	12.33	46.77	30.33	8.42	8.18	4.2	2.82	95.2
1093	11/15/2010 20:01	12.34	46.81	30.36	8.37	8.18	4.3	2.83	94.6
1094	11/15/2010 20:16	12.33	45.79	29.63	8.37	8.18	3.8	2.85	94.2
1095	11/15/2010 20:31	12.45	47.14	30.60	8.17	8.18	4.2	2.85	92.8
1096	11/15/2010 20:46	12.53	46.88	30.42	8.38	8.20	4.4	2.85	95.2
1097	11/15/2010 21:01	12.43	46.99	30.50	8.30	8.18	4.5	2.84	94.2
1098	11/15/2010 21:16	12.34	47.12	30.58	8.27	8.18	5.6	2.81	93.7
1099	11/15/2010 21:31	12.44	46.96	30.47	8.37	8.18	8.6	2.78	94.9
1100	11/15/2010 21:46	12.49	46.85	30.40	8.28	8.18	11.5	2.75	94.0
1101	11/15/2010 22:01	12.68	46.54	30.18	8.25	8.21	18.2	2.71	93.9
1102	11/15/2010 22:16	12.65	46.59	30.22	8.11	8.18	18.9	2.64	92.2
1103	11/15/2010 22:31	12.58	46.57	30.20	8.29	8.20	16.1	2.59	94.1
1104	11/15/2010 22:46	12.57	46.57	30.20	8.31	8.20	15.0	2.53	94.3
1105	11/15/2010 23:01	12.62	46.51	30.16	8.37	8.20	14.2	2.47	95.1
1106	11/15/2010 23:16	12.58	46.55	30.19	8.35	8.20	13.9	2.40	94.8
1107	11/15/2010 23:31	12.61	46.54	30.18	8.41	8.20	12.0	2.33	95.6
1108	11/15/2010 23:46	12.64	46.49	30.15	8.46	8.20	11.8	2.27	96.2
1109	11/16/2010 0:01	12.74	46.39	30.07	8.49	8.22	11.7	2.22	96.6
1110	11/16/2010 0:16	12.74	46.35	30.05	8.48	8.23	12.7	2.15	96.5
1111	11/16/2010 0:31	12.67	46.40	30.08	8.41	8.22	12.0	2.11	95.6
1112	11/16/2010 0:46	12.72	46.35	30.04	8.41	8.23	11.8	2.07	95.7

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	
1113	11/16/2010 1:01	12.76	46.29	30.01	8.41	8.24	12.1	2.03	95.7
1114	11/16/2010 1:16	12.81	46.22	29.95	8.43	8.23	12.1	2.00	96.1
1115	11/16/2010 1:31	12.86	46.22	29.96	8.41	8.25	12.2	1.99	96.0
1116	11/16/2010 1:46	12.89	46.19	29.94	8.42	8.26	12.2	1.97	96.1
1117	11/16/2010 2:01	12.84	46.21	29.95	8.35	8.25	10.5	1.97	95.2
1118	11/16/2010 2:16	12.78	46.26	29.98	8.42	8.23	11.2	1.96	95.9
1119	11/16/2010 2:31	12.76	46.28	30.00	8.41	8.23	10.2	1.98	95.8
1120	11/16/2010 2:46	12.72	46.32	30.02	8.43	8.22	10.2	2.00	95.9
1121	11/16/2010 3:01	12.72	46.31	30.01	8.44	8.23	9.8	2.04	96.0
1122	11/16/2010 3:16	12.74	46.30	30.01	8.45	8.22	10.4	2.08	96.1
1123	11/16/2010 3:31	12.72	46.33	30.03	8.47	8.22	9.8	2.11	96.3
1124	11/16/2010 3:46	12.70	46.31	30.02	8.47	8.22	8.6	2.18	96.3
1125	11/16/2010 4:01	12.70	46.28	29.99	8.43	8.23	8.9	2.23	95.9
1126	11/16/2010 4:16	12.69	46.32	30.02	8.43	8.22	8.2	2.29	95.9
1127	11/16/2010 4:31	12.68	46.33	30.03	8.40	8.22	8.1	2.35	95.4
1128	11/16/2010 4:46	12.64	46.05	29.82	8.38	8.22	7.6	2.41	95.0
1129	11/16/2010 5:01	12.59	46.34	30.03	8.32	8.20	7.1	2.48	94.4
1130	11/16/2010 5:16	12.51	46.51	30.16	8.32	8.19	6.4	2.54	94.3
1131	11/16/2010 5:31	12.44	46.66	30.26	8.35	8.19	6.3	2.61	94.6
1132	11/16/2010 5:46	12.36	46.95	30.46	8.36	8.18	6.2	2.67	94.6
1133	11/16/2010 6:01	12.30	47.14	30.60	8.34	8.19	6.2	2.74	94.4
1134	11/16/2010 6:16	12.24	47.23	30.66	8.37	8.18	7.0	2.82	94.6
1135	11/16/2010 6:31	12.21	47.32	30.72	8.35	8.19	6.6	2.88	94.5
1136	11/16/2010 6:46	12.18	47.43	30.80	8.33	8.18	6.4	2.94	94.2
1137	11/16/2010 7:01	12.16	47.44	30.81	8.35	8.18	6.7	3.02	94.3
1138	11/16/2010 7:16	12.09	47.61	30.93	8.35	8.17	7.8	3.09	94.2
1139	11/16/2010 7:31	12.07	47.68	30.98	8.33	8.18	6.8	3.15	94.0
1140	11/16/2010 7:46	12.06	47.69	30.99	8.32	8.18	6.2	3.19	93.9
1141	11/16/2010 8:01	12.02	47.78	31.05	8.32	8.16	5.7	3.25	93.9
1142	11/16/2010 8:16	11.99	47.84	31.09	8.32	8.17	4.8	3.30	93.8
1143	11/16/2010 8:31	11.97	47.85	31.10	8.29	8.17	5.1	3.32	93.4
1144	11/16/2010 8:46	11.94	47.87	31.11	8.26	8.16	4.7	3.36	93.1
1145	11/16/2010 9:01	11.93	47.93	31.15	8.19	8.16	3.7	3.37	92.3
1146	11/16/2010 9:16	11.94	47.93	31.15	8.19	8.16	4.2	3.38	92.4
1147	11/16/2010 9:31	11.93	47.93	31.15	8.18	8.17	4.3	3.37	92.2
1148	11/16/2010 9:46	11.94	47.93	31.15	8.22	8.16	5.2	3.33	92.7
1149	11/16/2010 10:01	11.99	47.78	31.05	8.25	8.17	6.7	3.29	93.0
1150	11/16/2010 10:16	12.01	47.74	31.02	8.31	8.16	7.1	3.23	93.7
1151	11/16/2010 10:31	12.03	47.76	31.03	8.42	8.18	7.3	3.16	95.0
1152	11/16/2010 10:46	12.04	47.78	31.05	8.48	8.19	7.6	3.08	95.7
1153	11/16/2010 11:01	12.07	47.77	31.04	8.54	8.19	7.0	3.01	96.4
1154	11/16/2010 11:16	12.10	47.75	31.03	8.60	8.20	8.5	2.92	97.2
1155	11/16/2010 11:31	12.18	47.64	30.95	8.62	8.20	7.9	2.85	97.6
1156	11/16/2010 11:46	12.29	47.44	30.81	8.67	8.20	8.3	2.76	98.2
1157	11/16/2010 12:01	12.36	47.40	30.79	8.73	8.22	8.2	2.68	99.0
1158	11/16/2010 12:16	12.48	47.16	30.62	8.78	8.22	9.6	2.61	99.7
1159	11/16/2010 12:31	12.57	47.27	30.70	8.84	8.23	9.5	2.51	100.7
1160	11/16/2010 12:46	12.68	46.91	30.45	8.79	8.23	11.8	2.42	100.2
1161	11/16/2010 13:01	12.75	46.89	30.44	8.82	8.24	10.3	2.35	100.6
1162	11/16/2010 13:16	12.82	46.84	30.40	8.84	8.25	9.7	2.26	101.1
1163	11/16/2010 13:31	12.95	46.85	30.42	9.02	8.26	9.4	2.18	103.4
1164	11/16/2010 13:46	13.05	46.79	30.38	9.11	8.27	9.3	2.11	104.6
1165	11/16/2010 14:01	13.14	46.80	30.39	9.11	8.28	9.3	2.02	104.8

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	
1166	11/16/2010 14:16	13.20	46.67	30.30	9.08	8.28	9.3	1.97	104.5
1167	11/16/2010 14:31	13.20	46.53	30.19	8.99	8.27	9.6	1.91	103.4
1168	11/16/2010 14:46	13.25	46.52	30.19	8.97	8.27	9.5	1.87	103.3
1169	11/16/2010 15:01	13.18	46.40	30.10	8.79	8.26	9.5	1.86	101.0
1170	11/16/2010 15:16	13.16	46.41	30.10	8.66	8.26	9.2	1.84	99.5
1171	11/16/2010 15:31	13.22	46.40	30.10	8.77	8.27	8.5	1.83	100.9
1172	11/16/2010 15:46	13.15	46.35	30.06	8.73	8.25	9.8	1.85	100.2
1173	11/16/2010 16:01	13.15	46.44	30.13	8.81	8.25	9.5	1.89	101.2
1174	11/16/2010 16:16	13.04	46.38	30.08	8.62	8.25	9.6	1.91	98.8
1175	11/16/2010 16:31	13.03	46.32	30.04	8.52	8.22	11.2	1.96	97.6
1176	11/16/2010 16:46	13.01	46.37	30.07	8.54	8.24	9.8	2.01	97.8
1177	11/16/2010 17:01	13.00	46.39	30.08	8.57	8.23	9.2	2.06	98.1
1178	11/16/2010 17:16	12.93	46.46	30.13	8.54	8.22	8.6	2.12	97.7
1179	11/16/2010 17:31	12.94	45.99	29.79	8.47	8.21	11.3	2.16	96.6
1180	11/16/2010 17:46	12.92	46.25	29.98	8.47	8.22	10.1	2.23	96.7
1181	11/16/2010 18:01	12.91	46.13	29.90	8.45	8.22	9.3	2.29	96.5
1182	11/16/2010 18:16	12.88	46.23	29.96	8.45	8.21	9.1	2.33	96.5
1183	11/16/2010 18:31	12.83	46.37	30.07	8.44	8.20	9.0	2.39	96.2
1184	11/16/2010 18:46	12.81	46.27	29.99	8.45	8.21	9.1	2.46	96.3
1185	11/16/2010 19:01	12.76	46.51	30.16	8.42	8.20	8.3	2.50	96.0
1186	11/16/2010 19:16	12.61	46.27	29.98	8.45	8.20	7.0	2.56	95.9
1187	11/16/2010 19:31	12.53	46.90	30.44	8.37	8.18	6.6	2.61	95.0
1188	11/16/2010 19:46	12.46	46.88	30.42	8.38	8.18	6.3	2.66	95.0
1189	11/16/2010 20:01	12.41	47.06	30.54	8.35	8.18	6.0	2.70	94.7
1190	11/16/2010 20:16	12.35	47.08	30.56	8.38	8.19	5.7	2.76	95.0
1191	11/16/2010 20:31	12.32	47.15	30.61	8.37	8.19	5.6	2.80	94.8
1192	11/16/2010 20:46	12.30	47.24	30.67	8.34	8.17	5.4	2.83	94.4
1193	11/16/2010 21:01	12.28	47.27	30.69	8.31	8.18	5.2	2.86	94.1
1194	11/16/2010 21:16	12.25	47.25	30.68	8.31	8.18	5.1	2.88	94.0
1195	11/16/2010 21:31	12.23	47.31	30.72	8.27	8.18	5.1	2.91	93.5
1196	11/16/2010 21:46	12.22	47.29	30.71	8.18	8.17	4.8	2.91	92.4
1197	11/16/2010 22:01	12.26	47.26	30.69	8.18	8.18	4.8	2.91	92.6
1198	11/16/2010 22:16	12.23	47.33	30.73	8.20	8.16	4.7	2.89	92.7
1199	11/16/2010 22:31	12.25	47.28	30.70	8.25	8.16	5.1	2.88	93.3
1200	11/16/2010 22:46	12.26	47.08	30.55	8.15	8.18	6.0	2.83	92.1
1201	11/16/2010 23:01	12.30	46.94	30.45	8.19	8.19	6.0	2.80	92.6
1202	11/16/2010 23:16	12.32	46.99	30.49	8.24	8.19	6.5	2.73	93.2
1203	11/16/2010 23:31	12.24	46.73	30.30	8.23	8.21	8.6	2.68	92.9
1204	11/16/2010 23:46	12.26	46.77	30.33	8.26	8.21	8.8	2.61	93.3
1205	11/17/2010 0:01	12.26	46.76	30.32	8.20	8.22	8.4	2.55	92.6
1206	11/17/2010 0:16	12.35	46.67	30.26	8.24	8.22	10.1	2.49	93.1
1207	11/17/2010 0:31	12.38	46.61	30.22	8.20	8.22	8.6	2.44	92.8
1208	11/17/2010 0:46	12.34	46.57	30.19	8.10	8.21	8.7	2.37	91.5
1209	11/17/2010 1:01	12.38	46.55	30.18	8.16	8.21	7.9	2.30	92.3
1210	11/17/2010 1:16	12.38	46.56	30.18	8.09	8.20	7.8	2.28	91.5
1211	11/17/2010 1:31	12.43	46.51	30.15	8.13	8.19	7.3	2.23	92.0
1212	11/17/2010 1:46	12.40	46.51	30.15	8.05	8.18	7.8	2.16	91.1
1213	11/17/2010 2:01	12.45	46.39	30.06	8.05	8.19	7.6	2.16	91.1
1214	11/17/2010 2:16	12.48	46.41	30.08	8.04	8.19	7.4	2.11	91.1
1215	11/17/2010 2:31	12.49	46.36	30.05	8.03	8.20	7.6	2.07	91.0
1216	11/17/2010 2:46	12.50	46.39	30.06	8.02	8.20	7.3	2.07	90.8
1217	11/17/2010 3:01	12.48	46.39	30.07	8.08	8.21	7.8	2.10	91.5
1218	11/17/2010 3:16	12.48	46.37	30.05	8.13	8.22	7.9	2.10	92.1

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	
1219	11/17/2010 3:31	12.46	46.39	30.07	8.12	8.20	7.5	2.08	91.9
1220	11/17/2010 3:46	12.45	46.42	30.09	8.13	8.21	7.4	2.14	92.1
1221	11/17/2010 4:01	12.45	46.45	30.11	8.13	8.21	7.5	2.19	92.0
1222	11/17/2010 4:16	12.46	45.99	29.78	8.19	8.19	7.0	2.23	92.5
1223	11/17/2010 4:31	12.46	46.46	30.11	8.16	8.20	6.8	2.27	92.4
1224	11/17/2010 4:46	12.42	46.35	30.03	8.16	8.20	6.5	2.33	92.3
1225	11/17/2010 5:01	12.45	46.47	30.12	8.16	8.20	6.5	2.40	92.4
1226	11/17/2010 5:16	12.42	46.55	30.18	8.15	8.20	6.8	2.46	92.3
1227	11/17/2010 5:31	12.36	46.70	30.28	8.16	8.19	6.4	2.53	92.3
1228	11/17/2010 5:46	12.31	46.80	30.35	8.16	8.19	6.1	2.60	92.2
1229	11/17/2010 6:01	12.25	46.87	30.40	8.16	8.19	6.2	2.66	92.1
1230	11/17/2010 6:16	12.22	47.15	30.60	8.19	8.17	7.1	2.74	92.6
1231	11/17/2010 6:31	12.16	47.23	30.66	8.21	8.18	8.7	2.81	92.7
1232	11/17/2010 6:46	12.12	47.33	30.73	8.22	8.16	11.0	2.87	92.7
1233	11/17/2010 7:01	12.07	47.40	30.77	8.21	8.17	9.1	2.94	92.5
1234	11/17/2010 7:16	12.01	47.67	30.97	8.18	8.15	6.0	3.03	92.2
1235	11/17/2010 7:31	11.93	47.76	31.03	8.18	8.15		3.08	92.1
1236	11/17/2010 7:46	11.84	47.98	31.19	8.13	8.15	6.2	3.17	91.5
1237	11/17/2010 8:01	11.79	48.04	31.23	8.11	8.14	6.3	3.23	91.2
1238	11/17/2010 8:16	11.73	48.16	31.31	8.07	8.14	6.5	3.29	90.7
1239	11/17/2010 8:31	11.65	48.24	31.36	8.06	8.14	5.7	3.35	90.4
1240	11/17/2010 8:46	11.53	48.39	31.47	8.04	8.14	6.2	3.41	90.1
1241	11/17/2010 9:01	11.36	48.62	31.62	7.98	8.14	7.0	3.44	89.1
1242	11/17/2010 9:16	11.32	48.66	31.65	7.97	8.14	6.5	3.49	88.9
1243	11/17/2010 9:31	11.26	48.75	31.71	7.95	8.13	5.7	3.50	88.6
1244	11/17/2010 9:46	11.30	48.70	31.68	7.91	8.13	5.2	3.50	88.3
1245	11/17/2010 10:01	11.24	48.77	31.73	7.89	8.13	5.2	3.50	87.9
1246	11/17/2010 10:16	11.25	48.75	31.71	7.92	8.13	6.2	3.45	88.2
1247	11/17/2010 10:31	11.33	48.33	31.41	7.94	8.12	6.0	3.42	88.5
1248	11/17/2010 10:46	11.80	47.76	31.03	8.00	8.14	5.1	3.35	89.8
1249	11/17/2010 11:01	11.83	47.77	31.03	8.05	8.16	6.3	3.28	90.4
1250	11/17/2010 11:16	11.86	47.78	31.04	8.10	8.15	7.1	3.21	91.0
1251	11/17/2010 11:31	11.86	47.84	31.08	8.10	8.15	6.2	3.12	91.1
1252	11/17/2010 11:46	11.95	47.15	30.59	8.14	8.15	6.5	3.01	91.4
1253	11/17/2010 12:01	11.99	47.69	30.98	8.13	8.16	5.6	2.96	91.6
1254	11/17/2010 12:16	12.08	47.51	30.86	8.18	8.16	5.2	2.86	92.3
1255	11/17/2010 12:31	12.16	47.38	30.76	8.21	8.18	5.0	2.75	92.7
1256	11/17/2010 12:46	12.25	47.21	30.65	8.29	8.18	6.1	2.68	93.7
1257	11/17/2010 13:01	12.32	47.09	30.57	8.34	8.18	6.2	2.58	94.4
1258	11/17/2010 13:16	12.46	47.17	30.63	8.72	8.20	6.0	2.49	99.0
1259	11/17/2010 13:31	12.52	47.09	30.57	8.77	8.23	5.8	2.38	99.7
1260	11/17/2010 13:46	12.55	47.08	30.56	8.74	8.22	6.0	2.31	99.4
1261	11/17/2010 14:01	12.65	47.05	30.55	8.87	8.23	6.2	2.19	101.1
1262	11/17/2010 14:16	12.77	47.00	30.52	9.00	8.25	6.3	2.09	102.8
1263	11/17/2010 14:31	12.82	46.87	30.42	8.99	8.25	6.2	2.02	102.7
1264	11/17/2010 14:46	12.90	46.84	30.41	8.99	8.25	5.6	1.93	102.9
1265	11/17/2010 15:01	13.00	46.73	30.33	9.06	8.27	5.9	1.85	103.9
1266	11/17/2010 15:16	13.01	46.69	30.30	9.00	8.28	5.8	1.77	103.1
1267	11/17/2010 15:31	13.02	46.57	30.22	9.02	8.27	5.5	1.75	103.4
1268	11/17/2010 15:46	13.02	46.51	30.17	8.98	8.28	5.7	1.70	102.9
1269	11/17/2010 16:01	13.06	46.46	30.14	8.97	8.29	5.6	1.68	102.8
1270	11/17/2010 16:16	13.01	46.42	30.10	8.92	8.28	5.9	1.71	102.1
1271	11/17/2010 16:31	12.99	46.44	30.12	8.92	8.28	6.0	1.70	102.1

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	
1272	11/17/2010 16:46	12.95	46.44	30.12	8.88	8.27	5.6	1.71	101.6
1273	11/17/2010 17:01	12.83	46.42	30.10	8.76	8.26	5.3	1.78	100.0
1274	11/17/2010 17:16	12.81	46.42	30.10	8.71	8.26	5.4	1.82	99.3
1275	11/17/2010 17:31	12.78	46.41	30.09	8.65	8.25	5.2	1.87	98.5
1276	11/17/2010 17:46	12.76	46.37	30.06	8.61	8.25	5.1	1.95	98.1
1277	11/17/2010 18:01	12.73	46.40	30.08	8.56	8.23	5.2	2.03	97.5
1278	11/17/2010 18:16	12.69	46.41	30.09	8.51	8.22	5.4	2.08	96.8
1279	11/17/2010 18:31	12.66	46.43	30.10	8.50	8.22	5.2	2.15	96.6
1280	11/17/2010 18:46	12.63	46.48	30.14	8.48	8.23	5.5	2.23	96.4
1281	11/17/2010 19:01	12.57	46.64	30.25	8.43	8.21	5.4	2.29	95.8
1282	11/17/2010 19:16	12.53	46.65	30.25	8.41	8.20	5.2	2.35	95.5
1283	11/17/2010 19:31	12.49	46.83	30.38	8.37	8.20	4.8	2.42	95.0
1284	11/17/2010 19:46	12.39	46.91	30.44	8.35	8.19	5.1	2.48	94.6
1285	11/17/2010 20:01	12.30	47.08	30.56	8.33	8.20	4.9	2.55	94.3
1286	11/17/2010 20:16	12.26	47.19	30.63	8.34	8.18	4.4	2.62	94.3
1287	11/17/2010 20:31	12.23	47.22	30.66	8.32	8.19	4.6	2.67	94.1
1288	11/17/2010 20:46	12.20	47.28	30.70	8.30	8.19	4.8	2.73	93.8
1289	11/17/2010 21:01	12.13	47.39	30.77	8.26	8.19	4.8	2.79	93.2
1290	11/17/2010 21:16	12.11	47.40	30.78	8.24	8.18	4.4	2.85	93.0
1291	11/17/2010 21:31	12.06	47.44	30.81	8.21	8.16	4.8	2.88	92.6
1292	11/17/2010 21:46	11.98	47.57	30.90	8.19	8.17	4.8	2.93	92.2
1293	11/17/2010 22:01	11.93	47.64	30.94	8.19	8.16	4.8	2.98	92.1
1294	11/17/2010 22:16	11.91	47.69	30.98	8.14	8.15	4.8	2.99	91.6
1295	11/17/2010 22:31	11.88	47.77	31.03	8.12	8.16	4.2	3.01	91.3
1296	11/17/2010 22:46	11.87	47.80	31.05	8.08	8.15	3.8	3.03	90.9
1297	11/17/2010 23:01	11.89	47.75	31.02	8.06	8.16	3.8	3.03	90.7
1298	11/17/2010 23:16	11.87	47.80	31.06	8.04	8.16	4.2	3.01	90.4
1299	11/17/2010 23:31	11.87	47.80	31.06	8.08	8.15	4.6	2.97	90.8
1300	11/17/2010 23:46	11.93	47.68	30.97	8.05	8.16	4.2	2.93	90.6
1301	11/18/2010 0:01	12.01	47.16	30.60	8.08	8.16	4.5	2.89	90.9
1302	11/18/2010 0:16	12.03	47.41	30.78	8.07	8.16	4.8	2.81	91.0
1303	11/18/2010 0:31	12.06	47.35	30.74	8.09	8.16	4.8	2.76	91.2
1304	11/18/2010 0:46	12.07	47.30	30.70	8.07	8.16	5.1	2.70	90.9
1305	11/18/2010 1:01	12.09	47.25	30.67	8.03	8.18	4.9	2.61	90.5
1306	11/18/2010 1:16	12.09	47.26	30.68	7.99	8.17	4.9	2.56	90.1
1307	11/18/2010 1:31	12.14	47.12	30.58	8.07	8.19	4.6	2.50	91.0
1308	11/18/2010 1:46	12.15	47.10	30.56	8.15	8.19	4.2	2.43	92.0
1309	11/18/2010 2:01	12.19	47.01	30.50	8.20	8.20	4.4	2.38	92.5
1310	11/18/2010 2:16	12.18	46.97	30.47	8.17	8.20	4.2	2.35	92.2
1311	11/18/2010 2:31	12.23	46.85	30.39	8.19	8.20	5.1	2.28	92.4
1312	11/18/2010 2:46	12.23	46.74	30.31	8.09	8.19	4.1	2.25	91.3
1313	11/18/2010 3:01	12.24	46.68	30.26	8.13	8.19	4.0	2.22	91.7
1314	11/18/2010 3:16	12.26	46.62	30.22	8.12	8.21	3.8	2.21	91.6
1315	11/18/2010 3:31	12.26	46.60	30.21	8.06	8.21	3.5	2.19	91.0
1316	11/18/2010 3:46	12.24	46.62	30.22	8.16	8.21	4.0	2.19	92.0
1317	11/18/2010 4:01	12.23	46.63	30.23	8.18	8.21	5.3	2.21	92.3
1318	11/18/2010 4:16	12.21	46.70	30.28	8.15	8.19	4.4	2.24	91.8
1319	11/18/2010 4:31	12.20	46.75	30.31	8.15	8.19	4.7	2.28	91.9
1320	11/18/2010 4:46	12.20	46.80	30.35	8.19	8.18	4.4	2.31	92.4
1321	11/18/2010 5:01	12.15	46.79	30.34	8.16	8.19	4.4	2.39	91.9
1322	11/18/2010 5:16	12.11	46.70	30.27	8.12	8.19	4.7	2.44	91.4
1323	11/18/2010 5:31	12.13	46.80	30.35	8.13	8.19	4.3	2.50	91.6
1324	11/18/2010 5:46	12.13	46.97	30.47	8.13	8.19	4.3	2.56	91.7

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	
1325	11/18/2010 6:01	12.06	47.15	30.59	8.11	8.18	4.5	2.63	91.3
1326	11/18/2010 6:16	12.02	47.28	30.69	8.09	8.17	4.5	2.69	91.0
1327	11/18/2010 6:31	11.95	46.99	30.47	8.11	8.15	4.8	2.76	91.0
1328	11/18/2010 6:46	11.87	47.66	30.95	8.06	8.15	5.3	2.82	90.6
1329	11/18/2010 7:01	11.80	47.78	31.04	8.10	8.15	4.5	2.91	90.9
1330	11/18/2010 7:16	11.73	47.69	30.97	8.10	8.14	4.8	2.98	90.8
1331	11/18/2010 7:31	11.64	48.08	31.25	8.09	8.15	5.4	3.04	90.6
1332	11/18/2010 7:46	11.58	48.13	31.28	8.11	8.15	7.1	3.13	90.8
1333	11/18/2010 8:01	11.47	48.30	31.40	8.12	8.14	7.6	3.23	90.7
1334	11/18/2010 8:16	11.38	48.43	31.49	8.13	8.13	7.5	3.30	90.8
1335	11/18/2010 8:31	11.26	48.42	31.48	8.15	8.13	7.5	3.37	90.7
1336	11/18/2010 8:46	11.14	48.25	31.35	8.17	8.11	7.0	3.45	90.7
1337	11/18/2010 9:01	11.02	48.94	31.84	8.14	8.12	7.6	3.51	90.3
1338	11/18/2010 9:16	10.93	49.07	31.93	8.15	8.11	7.5	3.56	90.4
1339	11/18/2010 9:31	10.86	49.13	31.96	8.13	8.10	6.8	3.59	90.0
1340	11/18/2010 9:46	10.79	49.27	32.06	8.11	8.10	6.2	3.63	89.7
1341	11/18/2010 10:01	10.91	49.10	31.95	8.05	8.10	5.4	3.64	89.2
	Mean	12.59	46.86	30.41	8.59	8.19	6.81	2.63	97.65
	Minimum	10.79	44.32	28.57	7.61	8.10	2.60	0.90	87.90
	Maximum	14.72	49.27	32.06	9.85	8.31	27.60	4.16	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	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm		mg/L		NTU	meters	
0	11/18/2010 9:31	10.75	50.11	32.67	8.21	7.81	4.4	3.63	91.1
1	11/18/2010 9:46	10.88	49.91	32.53	8.25	7.83	4.0	3.59	91.8
2	11/18/2010 10:01	11.12	49.31	32.11	8.32	7.86	5.6	3.53	92.7
3	11/18/2010 10:16	11.20	49.26	32.08	8.42	7.88	4.1	3.47	93.9
4	11/18/2010 10:31	11.25	49.17	32.02	8.45	7.90	3.8	3.41	94.3
5	11/18/2010 10:46	11.33	48.82	31.77	8.44	7.91	3.8	3.30	94.3
6	11/18/2010 11:01	11.51	48.61	31.63	8.33	7.93	5.8	3.22	93.4
7	11/18/2010 11:16	11.54	48.80	31.77	8.30	7.94	4.6	3.15	93.1
8	11/18/2010 11:31	11.66	48.52	31.57	8.32	7.95	4.6	3.04	93.5
9	11/18/2010 11:46	11.71	48.50	31.56	8.35	7.96	4.2	2.94	93.9
10	11/18/2010 12:01	11.73	48.37	31.46	8.38	7.97	4.2	2.83	94.3
11	11/18/2010 12:16	11.76	48.36	31.46	8.51	7.98	4.3	2.74	95.8
12	11/18/2010 12:31	11.83	48.20	31.34	8.55	7.99	3.9	2.64	96.3
13	11/18/2010 12:46	11.85	48.00	31.20	8.54	7.99	4.9	2.52	96.1
14	11/18/2010 13:01	11.87	48.12	31.29	8.70	8.00	4.7	2.41	97.9
15	11/18/2010 13:16	11.94	47.95	31.17	8.68	8.02	6.0	2.32	97.8
16	11/18/2010 13:31	11.94	47.81	31.07	8.78	8.02	5.4	2.19	98.9
17	11/18/2010 13:46	11.93	48.00	31.20	8.90	8.04	5.2	2.09	100.3
18	11/18/2010 14:01	11.97	47.82	31.08	8.94	7.91	4.9	2.00	100.8
19	11/18/2010 14:16	11.95	47.90	31.13	8.99	8.05	4.3	1.87	101.4
20	11/18/2010 14:31	12.03	47.64	30.95	8.96	7.92	4.6	1.79	101.0
21	11/18/2010 14:46	12.05	47.49	30.84	8.94	8.06	4.6	1.71	100.9
22	11/18/2010 15:01	12.09	47.33	30.73	8.89	8.06	4.5	1.61	100.3
23	11/18/2010 15:16	12.12	47.36	30.75	8.81	8.06	4.7	1.58	99.4
24	11/18/2010 15:31	12.13	47.26	30.68	8.75	7.92	4.9	1.53	98.8
25	11/18/2010 15:46	12.15	47.07	30.54	8.73	8.07	5.4	1.52	98.4
26	11/18/2010 16:01	12.15	47.00	30.49	8.70	8.06	5.5	1.52	98.1
27	11/18/2010 16:16	12.14	46.98	30.48	8.70	8.06	4.9	1.54	98.0
28	11/18/2010 16:31	12.14	47.10	30.57	8.66	8.06	4.5	1.57	97.7
29	11/18/2010 16:46	12.10	47.12	30.58	8.61	8.04	4.3	1.62	97.0
30	11/18/2010 17:01	12.09	47.11	30.57	8.57	8.04	4.3	1.71	96.6
31	11/18/2010 17:16	12.04	46.94	30.44	8.56	8.04	4.6	1.75	96.2
32	11/18/2010 17:31	12.07	47.02	30.50	8.53	8.03	4.4	1.83	96.0
33	11/18/2010 17:46	12.07	47.01	30.50	8.53	8.03	4.5	1.92	96.0
34	11/18/2010 18:01	12.05	46.91	30.42	8.52	8.03	4.4	1.98	95.8
35	11/18/2010 18:16	12.05	46.97	30.46	8.52	8.02	4.2	2.09	95.9
36	11/18/2010 18:31	12.04	46.92	30.43	8.52	8.02	4.2	2.15	95.8
37	11/18/2010 18:46	12.02	47.35	30.74	8.51	8.01	4.1	2.25	95.8
38	11/18/2010 19:01	11.99	47.44	30.80	8.47	7.88	4.1	2.31	95.4
39	11/18/2010 19:16	11.94	47.59	30.91	8.47	8.00	4.0	2.39	95.3
40	11/18/2010 19:31	11.88	47.76	31.03	8.49	7.99	4.0	2.46	95.5
41	11/18/2010 19:46	11.86	47.97	31.18	8.50	7.87	3.6	2.55	95.6
42	11/18/2010 20:01	11.85	47.84	31.08	8.49	7.99	4.0	2.59	95.5
43	11/18/2010 20:16	11.80	47.93	31.14	8.47	7.92	3.8	2.66	95.2
44	11/18/2010 20:31	11.74	48.08	31.25	8.43	7.97	4.0	2.73	94.7
45	11/18/2010 20:46	11.67	48.21	31.34	8.40	7.97	4.2	2.80	94.3
46	11/18/2010 21:01	11.62	48.29	31.40	8.38	7.96	4.7	2.85	93.9
47	11/18/2010 21:16	11.52	48.40	31.47	8.38	7.95	4.5	2.91	93.8
48	11/18/2010 21:31	11.47	48.53	31.57	8.36	7.95	4.2	2.94	93.6
49	11/18/2010 21:46	11.41	48.47	31.52	8.37	7.94	4.0	3.02	93.6
50	11/18/2010 22:01	11.36	48.75	31.72	8.35	7.82	3.6	3.04	93.3
51	11/18/2010 22:16	11.33	48.58	31.59	8.35	7.94	3.2	3.06	93.1
52	11/18/2010 22:31	11.26	48.69	31.67	8.30	7.93	2.8	3.08	92.5

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	
53	11/18/2010 22:46	11.29	48.67	31.66	8.31	7.93	3.3	3.09	92.6
54	11/18/2010 23:01	11.27	48.99	31.89	8.28	7.81	3.5	3.06	92.5
55	11/18/2010 23:16	11.30	48.90	31.82	8.30	7.81	3.5	3.04	92.6
56	11/18/2010 23:31	11.43	48.27	31.37	8.25	7.95	3.9	2.98	92.1
57	11/18/2010 23:46	11.45	48.20	31.33	8.26	7.95	3.7	2.92	92.2
58	11/19/2010 0:01	11.48	48.27	31.38	8.27	7.96	3.6	2.86	92.4
59	11/19/2010 0:16	11.49	48.23	31.35	8.27	7.96	3.6	2.81	92.5
60	11/19/2010 0:31	11.47	48.01	31.19	8.23	7.95	3.2	2.75	91.9
61	11/19/2010 0:46	11.44	48.23	31.35	8.22	7.83	3.6	2.68	91.7
62	11/19/2010 1:01	11.42	48.11	31.26	8.19	7.83	3.1	2.64	91.4
63	11/19/2010 1:16	11.45	48.08	31.24	8.21	7.84	3.0	2.58	91.7
64	11/19/2010 1:31	11.43	47.80	31.03	8.23	7.96	2.9	2.52	91.7
65	11/19/2010 1:46	11.45	47.87	31.09	8.24	7.97	3.1	2.47	91.9
66	11/19/2010 2:01	11.48	47.83	31.06	8.23	7.85	3.1	2.43	91.8
67	11/19/2010 2:16	11.46	47.69	30.96	8.23	7.97	3.0	2.38	91.7
68	11/19/2010 2:31	11.51	47.52	30.84	8.24	7.97	2.9	2.33	91.9
69	11/19/2010 2:46	11.51	47.38	30.74	8.22	7.97	2.8	2.31	91.6
70	11/19/2010 3:01	11.49	47.44	30.78	8.19	7.97	2.8	2.31	91.3
71	11/19/2010 3:16	11.51	47.39	30.74	8.16	7.97	2.6	2.27	90.9
72	11/19/2010 3:31	11.47	47.43	30.77	8.18	7.97	2.4	2.29	91.0
73	11/19/2010 3:46	11.48	47.39	30.75	8.20	7.97	2.6	2.30	91.3
74	11/19/2010 4:01	11.39	47.46	30.79	8.15	7.96	2.9	2.31	90.6
75	11/19/2010 4:16	11.46	47.54	30.85	8.19	7.96	3.0	2.36	91.2
76	11/19/2010 4:31	11.46	47.63	30.92	8.24	7.85	2.8	2.41	91.8
77	11/19/2010 4:46	11.47	44.90	28.95	8.38	7.96	3.3	2.47	92.2
78	11/19/2010 5:01	11.43	46.09	29.80	8.31	7.97	3.2	2.53	91.9
79	11/19/2010 5:16	11.46	47.18	30.59	8.27	7.96	3.2	2.60	92.0
80	11/19/2010 5:31	11.47	47.66	30.94	8.25	7.95	3.4	2.68	91.9
81	11/19/2010 5:46	11.39	47.64	30.92	8.25	7.95	3.6	2.75	91.8
82	11/19/2010 6:01	11.33	47.69	30.95	8.24	7.93	3.8	2.82	91.6
83	11/19/2010 6:16	11.21	48.19	31.31	8.30	7.81	4.7	2.87	92.2
84	11/19/2010 6:31	11.15	47.99	31.16	8.34	7.92	4.2	2.96	92.4
85	11/19/2010 6:46	11.10	47.90	31.09	8.40	7.92	4.6	3.04	92.9
86	11/19/2010 7:01	11.02	48.21	31.31	8.43	7.91	5.7	3.11	93.3
87	11/19/2010 7:16	10.97	48.28	31.36	8.45	7.91	6.6	3.19	93.4
88	11/19/2010 7:31	10.85	48.46	31.48	8.48	7.80	7.1	3.27	93.6
89	11/19/2010 7:46	10.74	48.18	31.27	8.56	7.80	6.9	3.36	94.1
90	11/19/2010 8:01	10.63	48.66	31.61	8.63	7.80	7.1	3.43	94.9
91	11/19/2010 8:16	10.54	48.76	31.68	8.70	7.90	6.8	3.50	95.4
92	11/19/2010 8:31	10.47	48.85	31.74	8.78	7.90	6.6	3.59	96.2
93	11/19/2010 8:46	10.39	49.12	31.93	8.84	7.80	6.6	3.65	96.9
94	11/19/2010 9:01	10.35	49.30	32.06	8.89	7.80	5.9	3.68	97.4
95	11/19/2010 9:16	10.34	49.10	31.92	8.90	7.90	5.1	3.71	97.4
96	11/19/2010 9:31	10.34	49.37	32.11	8.84	7.90	3.8	3.74	96.8
97	11/19/2010 9:46	10.41	49.31	32.07	8.83	7.90	4.2	3.74	96.8
98	11/19/2010 10:01	10.34	49.07	31.89	8.86	7.90	4.8	3.73	97.0
99	11/19/2010 10:16	10.33	49.27	32.04	8.88	7.90	5.3	3.69	97.3
100	11/19/2010 10:31	10.41	49.03	31.87	8.84	7.90	5.1	3.66	96.8
101	11/19/2010 10:46	10.76	48.35	31.40	8.75	7.93	3.8	3.56	96.3
102	11/19/2010 11:01	10.78	48.95	31.83	8.82	7.93	3.4	3.50	97.4
103	11/19/2010 11:16	10.86	49.27	32.07	8.76	7.82	3.1	3.40	97.1
104	11/19/2010 11:31	10.92	49.19	32.01	8.78	7.94	3.6	3.33	97.3
105	11/19/2010 11:46	10.93	49.28	32.08	8.70	7.93	4.6	3.23	96.5

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	
106	11/19/2010 12:01	11.07	49.11	31.96	8.80	7.82	3.8	3.11	97.9
107	11/19/2010 12:16	11.11	48.68	31.65	8.76	7.95	4.5	3.01	97.3
108	11/19/2010 12:31	11.13	49.03	31.91	8.71	7.83	3.6	2.88	97.0
109	11/19/2010 12:46	11.25	48.59	31.60	8.83	7.96	3.8	2.77	98.3
110	11/19/2010 13:01	11.34	48.79	31.74	8.86	7.85	4.5	2.66	99.0
111	11/19/2010 13:16	11.31	48.38	31.45	8.91	7.97	4.5	2.53	99.3
112	11/19/2010 13:31	11.34	48.50	31.54	9.08	7.98	4.2	2.41	101.3
113	11/19/2010 13:46	11.41	48.15	31.29	9.01	7.99	6.8	2.31	100.5
114	11/19/2010 14:01	11.47	48.24	31.35	9.26	8.01	5.0	2.18	103.5
115	11/19/2010 14:16	11.56	48.15	31.30	9.30	8.02	5.2	2.04	104.0
116	11/19/2010 14:31	11.65	48.09	31.26	9.36	8.03	5.1	1.92	104.9
117	11/19/2010 14:46	11.72	47.99	31.18	9.45	7.92	4.9	1.82	106.0
118	11/19/2010 15:01	11.75	47.93	31.14	9.44	7.93	4.0	1.72	106.0
119	11/19/2010 15:16	11.75	47.77	31.03	9.42	7.93	4.0	1.59	105.7
120	11/19/2010 15:31	11.73	47.34	30.72	9.39	8.06	3.6	1.53	105.1
121	11/19/2010 15:46	11.74	47.17	30.59	9.37	8.06	3.5	1.44	104.8
122	11/19/2010 16:01	11.71	47.32	30.70	9.36	8.07	3.5	1.41	104.7
123	11/19/2010 16:16	11.65	47.07	30.52	9.37	8.07	3.1	1.37	104.6
124	11/19/2010 16:31	11.63	46.73	30.27	9.43	8.08	3.0	1.35	105.0
125	11/19/2010 16:46	11.60	46.83	30.35	9.36	8.07	2.6	1.36	104.2
126	11/19/2010 17:01	11.60	47.00	30.47	9.35	8.07	2.7	1.40	104.1
127	11/19/2010 17:16	11.61	47.15	30.57	9.31	8.06	2.7	1.45	103.8
128	11/19/2010 17:31	11.57	47.24	30.64	9.19	8.04	2.9	1.54	102.4
129	11/19/2010 17:46	11.48	46.96	30.43	9.11	7.92	3.1	1.57	101.2
130	11/19/2010 18:01	11.55	47.07	30.52	9.09	8.03	3.0	1.68	101.2
131	11/19/2010 18:16	11.55	47.09	30.53	9.05	8.02	3.4	1.77	100.8
132	11/19/2010 18:31	11.53	46.85	30.36	9.01	8.02	3.5	1.84	100.1
133	11/19/2010 18:46	11.55	46.93	30.41	8.99	8.01	3.3	1.95	100.0
134	11/19/2010 19:01	11.54	46.98	30.45	8.95	8.01	3.6	2.03	99.6
135	11/19/2010 19:16	11.52	47.23	30.63	8.89	8.00	3.6	2.11	99.0
136	11/19/2010 19:31	11.47	47.56	30.86	8.80	7.88	3.5	2.19	98.1
137	11/19/2010 19:46	11.44	47.75	31.00	8.76	7.87	4.2	2.29	97.6
138	11/19/2010 20:01	11.43	47.74	30.99	8.75	7.97	3.8	2.37	97.5
139	11/19/2010 20:16	11.41	47.91	31.11	8.73	7.96	3.7	2.45	97.3
140	11/19/2010 20:31	11.37	47.98	31.16	8.73	7.96	4.0	2.53	97.3
141	11/19/2010 20:46	11.30	47.94	31.13	8.70	7.95	4.5	2.61	96.7
142	11/19/2010 21:01	11.24	48.14	31.27	8.67	7.94	5.1	2.69	96.4
143	11/19/2010 21:16	11.21	48.48	31.51	8.64	7.84	5.0	2.76	96.1
144	11/19/2010 21:31	11.09	48.50	31.52	8.67	7.93	6.1	2.83	96.2
145	11/19/2010 21:46	11.01	48.60	31.59	8.68	7.92	5.6	2.89	96.2
146	11/19/2010 22:01	10.96	48.69	31.65	8.69	7.92	5.2	2.97	96.2
147	11/19/2010 22:16	10.86	49.02	31.89	8.71	7.91	5.4	3.03	96.4
148	11/19/2010 22:31	10.75	49.13	31.96	8.74	7.90	5.7	3.08	96.5
149	11/19/2010 22:46	10.67	49.28	32.07	8.76	7.90	5.3	3.11	96.6
150	11/19/2010 23:01	10.61	49.66	32.33	8.77	7.90	4.8	3.13	96.8
151	11/19/2010 23:16	10.58	49.51	32.22	8.76	7.80	4.0	3.15	96.6
152	11/19/2010 23:31	10.69	49.28	32.07	8.75	7.90	4.8	3.16	96.6
153	11/19/2010 23:46	10.61	49.66	32.33	8.71	7.80	4.9	3.14	96.2
154	11/20/2010 0:01	10.58	49.64	32.31	8.78	7.80	4.5	3.12	96.8
155	11/20/2010 0:16	10.70	48.89	31.78	8.64	7.91	4.0	3.08	95.2
156	11/20/2010 0:31	10.77	48.76	31.69	8.60	7.92	4.4	3.01	94.8
157	11/20/2010 0:46	10.86	48.71	31.66	8.61	7.82	4.6	2.95	95.1
158	11/20/2010 1:01	10.91	48.44	31.47	8.58	7.93	4.0	2.87	94.8

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	
159	11/20/2010 1:16	10.94	48.44	31.47	8.59	7.83	4.1	2.78	95.0
160	11/20/2010 1:31	10.92	48.06	31.19	8.61	7.93	4.2	2.72	94.9
161	11/20/2010 1:46	10.87	48.05	31.19	8.58	7.94	4.2	2.67	94.6
162	11/20/2010 2:01	10.89	47.99	31.14	8.57	7.94	3.8	2.60	94.4
163	11/20/2010 2:16	10.91	48.03	31.17	8.57	7.94	3.5	2.55	94.5
164	11/20/2010 2:31	10.82	47.78	30.99	8.55	7.94	3.8	2.49	94.0
165	11/20/2010 2:46	10.79	47.67	30.91	8.58	7.94	3.3	2.45	94.2
166	11/20/2010 3:01	10.74	47.57	30.83	8.56	7.94	3.4	2.41	93.9
167	11/20/2010 3:16	10.70	47.57	30.83	8.56	7.94	3.5	2.37	93.7
168	11/20/2010 3:31	10.68	47.30	30.64	8.52	7.94	3.2	2.34	93.2
169	11/20/2010 3:46	10.68	47.09	30.48	8.51	7.94	2.6	2.33	92.9
170	11/20/2010 4:01	10.94	47.65	30.90	8.52	7.94	2.6	2.32	93.9
171	11/20/2010 4:16	10.94	47.78	31.00	8.55	7.94	2.4	2.33	94.2
172	11/20/2010 4:31	10.83	47.76	30.98	8.52	7.84	3.3	2.35	93.7
173	11/20/2010 4:46	10.83	47.80	31.00	8.56	7.93	3.4	2.40	94.2
174	11/20/2010 5:01	10.82	47.84	31.03	8.56	7.89	3.2	2.43	94.1
175	11/20/2010 5:16	10.69	47.64	30.88	8.61	7.89	4.1	2.47	94.3
176	11/20/2010 5:31	10.68	47.60	30.85	8.61	7.92	3.5	2.53	94.3
177	11/20/2010 5:46	10.79	47.88	31.06	8.56	7.88	3.5	2.60	94.1
178	11/20/2010 6:01	10.73	47.89	31.06	8.58	7.91	3.4	2.67	94.2
179	11/20/2010 6:16	10.74	48.56	31.55	8.57	7.86	4.1	2.75	94.4
180	11/20/2010 6:31	10.66	48.44	31.45	8.65	7.90	4.4	2.81	95.0
181	11/20/2010 6:46	10.66	48.86	31.76	8.71	7.86	4.5	2.90	95.9
182	11/20/2010 7:01	10.61	49.00	31.86	8.75	7.86	5.1	2.98	96.3
183	11/20/2010 7:16	10.59	49.14	31.95	8.82	7.86	5.4	3.06	97.1
184	11/20/2010 7:31	10.47	49.47	32.19	8.92	7.85	6.6	3.15	98.1
185	11/20/2010 7:46	10.40	49.65	32.31	9.00	7.89	7.6	3.24	98.9
186	11/20/2010 8:01	10.33	49.68	32.33	9.07	7.89	8.2	3.33	99.5
187	11/20/2010 8:16	10.23	50.07	32.60	9.15	7.85	8.0	3.41	100.4
188	11/20/2010 8:31	10.18	49.93	32.51	9.20	7.89	8.2	3.49	100.8
189	11/20/2010 8:46	10.13	50.24	32.73	9.22	7.85	8.1	3.57	101.0
190	11/20/2010 9:01	10.09	50.29	32.76	9.25	7.86	7.3	3.62	101.2
191	11/20/2010 9:16	10.08	50.18	32.68	9.24	7.89	5.4	3.69	101.0
192	11/20/2010 9:31	10.03	50.21	32.69	9.25	7.89	5.2	3.75	101.0
193	11/20/2010 9:46	9.99	50.22	32.70	9.23	7.89	4.7	3.79	100.8
194	11/20/2010 10:01	9.99	50.12	32.63	9.24	7.89	4.1	3.80	100.8
195	11/20/2010 10:16	10.05	49.97	32.52	9.19	7.89	4.2	3.83	100.4
196	11/20/2010 10:31	10.05	50.17	32.67	9.17	7.89	4.3	3.80	100.2
197	11/20/2010 10:46	10.00	50.16	32.66	9.21	7.89	5.0	3.78	100.6
198	11/20/2010 11:01	10.00	50.23	32.71	9.19	7.89	5.7	3.72	100.4
199	11/20/2010 11:16	10.03	50.25	32.72	9.18	7.85	5.5	3.66	100.3
200	11/20/2010 11:31	10.23	49.49	32.19	9.02	7.86	4.9	3.57	98.7
201	11/20/2010 11:46	10.29	49.20	31.98	9.05	7.90	4.0	3.47	99.0
202	11/20/2010 12:01	10.34	49.18	31.97	9.09	7.91	4.4	3.37	99.6
203	11/20/2010 12:16	10.35	49.08	31.90	9.13	7.91	3.4	3.26	99.9
204	11/20/2010 12:31	10.39	49.18	31.97	9.16	7.92	3.4	3.15	100.4
205	11/20/2010 12:46	10.42	49.04	31.88	9.17	7.92	3.6	3.03	100.5
206	11/20/2010 13:01	10.44	48.76	31.67	9.19	7.93	3.7	2.91	100.6
207	11/20/2010 13:16	10.44	48.77	31.68	9.17	7.94	4.3	2.79	100.4
208	11/20/2010 13:31	10.49	48.58	31.54	9.20	7.94	4.4	2.66	100.7
209	11/20/2010 13:46	10.49	48.38	31.40	9.27	7.91	5.1	2.53	101.4
210	11/20/2010 14:01	10.48	48.11	31.21	9.24	7.91	5.7	2.39	101.0
211	11/20/2010 14:16	10.47	48.33	31.36	9.33	7.96	6.5	2.26	102.0

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	
212	11/20/2010 14:31	10.45	48.45	31.45	9.39	7.96	7.4	2.14	102.7
213	11/20/2010 14:46	10.42	48.29	31.34	9.43	7.93	8.2	2.02	103.0
214	11/20/2010 15:01	10.42	48.04	31.15	9.39	7.94	7.9	1.88	102.4
215	11/20/2010 15:16	10.38	47.77	30.95	9.43	7.99	7.8	1.75	102.7
216	11/20/2010 15:31	10.39	47.65	30.87	9.45	7.99	7.4	1.63	102.8
217	11/20/2010 15:46	10.39	47.42	30.71	9.45	7.96	6.2	1.51	102.7
218	11/20/2010 16:01	10.39	47.11	30.49	9.45	8.00	8.5	1.41	102.6
219	11/20/2010 16:16	10.41	47.09	30.47	9.47	8.01	6.1	1.31	102.9
220	11/20/2010 16:31	10.37	47.01	30.41	9.47	8.01	5.4	1.25	102.8
221	11/20/2010 16:46	10.34	47.00	30.40	9.46	8.01	5.6	1.21	102.6
222	11/20/2010 17:01	10.32	46.88	30.32	9.43	8.01	5.5	1.17	102.1
223	11/20/2010 17:16	10.28	46.84	30.28	9.44	8.00	6.7	1.19	102.1
224	11/20/2010 17:31	10.32	47.05	30.44	9.43	8.00	5.7	1.23	102.2
225	11/20/2010 17:46	10.33	46.70	30.18	9.43	7.99	6.2	1.28	102.0
226	11/20/2010 18:01	10.32	47.08	30.46	9.40	7.93	5.6	1.35	101.9
227	11/20/2010 18:16	10.26	46.61	30.12	9.37	7.97	5.7	1.45	101.2
228	11/20/2010 18:31	10.24	46.62	30.12	9.35	7.92	5.2	1.54	101.0
229	11/20/2010 18:46	10.29	46.51	30.05	9.34	7.92	4.6	1.62	100.9
230	11/20/2010 19:01	10.31	46.32	29.91	9.34	7.96	4.7	1.73	100.8
231	11/20/2010 19:16	10.33	46.48	30.03	9.31	7.96	4.5	1.81	100.7
232	11/20/2010 19:31	10.35	46.80	30.26	9.29	7.96	4.3	1.92	100.7
233	11/20/2010 19:46	10.36	46.99	30.40	9.23	7.95	4.3	2.01	100.1
234	11/20/2010 20:01	10.34	47.20	30.54	9.17	7.89	4.4	2.09	99.4
235	11/20/2010 20:16	10.31	47.14	30.50	9.14	7.89	4.6	2.18	99.1
236	11/20/2010 20:31	10.36	47.16	30.52	9.10	7.93	5.4	2.28	98.8
237	11/20/2010 20:46	10.39	47.49	30.75	9.04	7.92	6.2	2.37	98.3
238	11/20/2010 21:01	10.35	47.65	30.87	9.04	7.87	6.3	2.45	98.3
239	11/20/2010 21:16	10.36	47.88	31.03	9.02	7.87	6.6	2.53	98.2
240	11/20/2010 21:31	10.39	48.08	31.18	9.01	7.86	7.3	2.62	98.3
241	11/20/2010 21:46	10.32	48.18	31.25	9.03	7.90	7.9	2.71	98.3
242	11/20/2010 22:01	10.28	48.38	31.39	9.02	7.85	8.3	2.78	98.3
243	11/20/2010 22:16	10.25	48.53	31.50	9.02	7.89	8.1	2.87	98.2
244	11/20/2010 22:31	10.20	48.73	31.64	9.04	7.89	8.7	2.95	98.4
245	11/20/2010 22:46	10.14	48.92	31.77	9.04	7.88	8.5	3.01	98.4
246	11/20/2010 23:01	10.07	49.31	32.05	9.03	7.84	7.6	3.08	98.4
247	11/20/2010 23:16	10.01	49.46	32.16	9.04	7.83	6.4	3.15	98.4
248	11/20/2010 23:31	9.99	49.52	32.20	9.03	7.83	5.9	3.19	98.3
249	11/20/2010 23:46	9.98	49.57	32.23	8.99	7.83	4.0	3.23	97.8
250	11/21/2010 0:01	10.01	49.20	31.97	8.94	7.88	3.8	3.23	97.1
251	11/21/2010 0:16	9.99	49.27	32.01	8.96	7.88	4.3	3.23	97.3
252	11/21/2010 0:31	9.99	49.28	32.02	8.97	7.88	4.9	3.22	97.5
253	11/21/2010 0:46	10.00	49.63	32.27	8.94	7.83	4.9	3.17	97.3
254	11/21/2010 1:01	10.03	48.79	31.67	8.85	7.83	6.2	3.11	96.0
255	11/21/2010 1:16	10.08	48.84	31.71	8.84	7.83	5.9	3.06	96.1
256	11/21/2010 1:31	10.08	48.10	31.17	8.81	7.89	5.8	2.99	95.4
257	11/21/2010 1:46	10.05	48.48	31.45	8.83	7.84	5.0	2.91	95.8
258	11/21/2010 2:01	10.05	48.40	31.39	8.85	7.84	5.3	2.85	95.9
259	11/21/2010 2:16	10.11	48.14	31.20	8.84	7.89	4.7	2.78	95.9
260	11/21/2010 2:31	10.12	48.21	31.26	8.83	7.89	4.3	2.71	95.8
261	11/21/2010 2:46	10.11	47.71	30.89	8.83	7.90	4.2	2.66	95.5
262	11/21/2010 3:01	10.12	48.01	31.11	8.80	7.90	4.1	2.61	95.3
263	11/21/2010 3:16	10.10	47.98	31.09	8.77	7.84	3.8	2.56	94.9
264	11/21/2010 3:31	10.01	47.83	30.97	8.76	7.84	4.4	2.52	94.6

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	
265	11/21/2010 3:46	9.96	47.76	30.93	8.69	7.84	4.2	2.47	93.8
266	11/21/2010 4:01	9.91	47.35	30.63	8.66	7.89	3.9	2.45	93.2
267	11/21/2010 4:16	9.93	47.62	30.82	8.68	7.85	3.7	2.43	93.5
268	11/21/2010 4:31	9.95	47.59	30.80	8.68	7.85	3.7	2.41	93.6
269	11/21/2010 4:46	9.94	47.58	30.79	8.67	7.85	3.4	2.40	93.4
270	11/21/2010 5:01	10.01	47.46	30.72	8.71	7.89	3.5	2.42	93.9
271	11/21/2010 5:16	10.05	47.44	30.70	8.74	7.89	3.9	2.42	94.3
272	11/21/2010 5:31	10.12	47.57	30.80	8.81	7.90	3.7	2.46	95.3
273	11/21/2010 5:46	10.03	47.58	30.80	8.77	7.88	4.0	2.51	94.7
274	11/21/2010 6:01	10.02	47.52	30.75	8.79	7.88	3.8	2.56	94.8
275	11/21/2010 6:16	10.02	47.73	30.91	8.78	7.88	4.3	2.64	94.8
276	11/21/2010 6:31	10.03	48.00	31.10	8.78	7.84	5.1	2.70	94.9
277	11/21/2010 6:46	10.01	48.20	31.24	8.79	7.84	4.9	2.77	95.1
278	11/21/2010 7:01	10.02	48.47	31.44	8.81	7.84	4.8	2.88	95.4
279	11/21/2010 7:16	10.03	48.74	31.63	8.86	7.84	5.5	2.95	96.2
280	11/21/2010 7:31	10.01	48.88	31.73	8.90	7.84	5.2	3.03	96.6
281	11/21/2010 7:46	10.00	48.68	31.59	8.92	7.87	5.5	3.11	96.7
282	11/21/2010 8:01	9.99	49.03	31.84	8.90	7.84	5.4	3.22	96.6
283	11/21/2010 8:16	9.96	48.99	31.81	8.89	7.87	6.5	3.30	96.4
284	11/21/2010 8:31	9.95	49.40	32.10	8.86	7.87	6.8	3.41	96.3
285	11/21/2010 8:46	9.93	49.40	32.10	8.83	7.87	7.8	3.46	95.8
286	11/21/2010 9:01	9.91	49.72	32.33	8.78	7.87	6.2	3.56	95.4
287	11/21/2010 9:16	9.90	49.88	32.45	8.75	7.83	5.4	3.63	95.1
288	11/21/2010 9:31	9.90	49.64	32.28	8.74	7.87	4.6	3.72	94.9
289	11/21/2010 9:46	9.92	49.72	32.34	8.71	7.87	4.0	3.77	94.7
290	11/21/2010 10:01	9.94	50.12	32.63	8.67	7.84	4.0	3.80	94.5
291	11/21/2010 10:16	9.95	49.85	32.43	8.65	7.88	3.4	3.86	94.2
292	11/21/2010 10:31	9.96	50.05	32.57	8.61	7.88	2.1	3.88	93.9
293	11/21/2010 10:46	9.95	49.77	32.37	8.68	7.88	3.2	3.88	94.4
294	11/21/2010 11:01	9.95	49.73	32.34	8.64	7.88	3.4	3.86	94.0
295	11/21/2010 11:16	9.96	50.17	32.66	8.65	7.83	3.4	3.83	94.3
296	11/21/2010 11:31	9.96	50.13	32.63	8.62	7.83	4.4	3.80	94.0
297	11/21/2010 11:46	10.18	49.79	32.40	8.99	7.84	4.0	3.71	98.3
298	11/21/2010 12:01	10.18	49.15	31.94	9.04	7.90	3.3	3.64	98.6
299	11/21/2010 12:16	10.12	49.17	31.95	8.96	7.89	4.6	3.56	97.6
300	11/21/2010 12:31	10.19	48.89	31.75	9.05	7.90	3.7	3.48	98.6
301	11/21/2010 12:46	10.20	48.77	31.67	9.08	7.90	4.9	3.32	99.0
302	11/21/2010 13:01	10.25	48.66	31.59	9.11	7.90	4.2	3.22	99.3
303	11/21/2010 13:16	10.25	48.81	31.70	9.14	7.90	4.8	3.12	99.7
304	11/21/2010 13:31	10.22	48.87	31.74	9.17	7.86	5.1	3.01	99.9
305	11/21/2010 13:46	10.24	48.78	31.67	9.26	7.86	3.8	2.87	101.0
306	11/21/2010 14:01	10.23	48.76	31.66	9.36	7.87	4.3	2.75	102.1
307	11/21/2010 14:16	10.23	48.35	31.37	9.37	7.92	5.6	2.61	102.0
308	11/21/2010 14:31	10.22	48.29	31.32	9.41	7.93	5.2	2.48	102.4
309	11/21/2010 14:46	10.19	48.45	31.43	9.42	7.89	5.6	2.34	102.5
310	11/21/2010 15:01	10.18	47.76	30.94	9.48	7.94	6.7	2.19	102.7
311	11/21/2010 15:16	10.19	48.14	31.21	9.51	7.90	5.6	2.07	103.3
312	11/21/2010 15:31	10.17	47.82	30.98	9.57	7.91	6.5	1.91	103.7
313	11/21/2010 15:46	10.18	47.70	30.90	9.58	7.91	5.5	1.77	103.8
314	11/21/2010 16:01	10.16	47.59	30.81	9.57	7.96	5.0	1.64	103.6
315	11/21/2010 16:16	10.14	47.48	30.73	9.58	7.92	4.9	1.50	103.6
316	11/21/2010 16:31	10.10	47.02	30.40	9.64	7.97	4.5	1.37	104.0
317	11/21/2010 16:46	10.05	47.09	30.45	9.66	7.94	4.8	1.25	104.1

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	
318	11/21/2010 17:01	10.02	46.97	30.36	9.66	7.94	4.6	1.19	103.9
319	11/21/2010 17:16	9.92	46.70	30.17	9.70	7.96	4.4	1.12	104.0
320	11/21/2010 17:31	9.94	46.88	30.29	9.65	7.95	5.4	1.09	103.6
321	11/21/2010 17:46	9.94	46.88	30.29	9.65	7.95	4.9	1.09	103.6
322	11/21/2010 18:01	9.96	46.67	30.14	9.66	7.97	3.6	1.12	103.7
323	11/21/2010 18:16	9.95	46.84	30.26	9.64	7.97	3.8	1.20	103.5
324	11/21/2010 18:31	10.00	46.76	30.21	9.67	7.97	3.9	1.25	103.9
325	11/21/2010 18:46	9.95	46.27	29.85	9.61	7.94	6.0	1.34	102.9
326	11/21/2010 19:01	9.96	45.87	29.57	9.57	7.93	6.2	1.43	102.3
327	11/21/2010 19:16	9.97	46.01	29.67	9.55	7.93	5.3	1.51	102.2
328	11/21/2010 19:31	9.99	45.97	29.65	9.54	7.94	5.4	1.62	102.2
329	11/21/2010 19:46	10.03	46.31	29.89	9.51	7.93	4.8	1.71	102.1
330	11/21/2010 20:01	10.04	46.47	30.01	9.50	7.93	4.3	1.81	102.1
331	11/21/2010 20:16	10.04	46.26	29.86	9.49	7.92	4.4	1.90	101.9
332	11/21/2010 20:31	10.06	46.33	29.91	9.47	7.92	4.3	1.98	101.7
333	11/21/2010 20:46	10.07	46.56	30.07	9.37	7.91	5.0	2.10	100.8
334	11/21/2010 21:01	10.10	47.17	30.51	9.28	7.90	5.8	2.18	100.1
335	11/21/2010 21:16	10.04	47.15	30.49	9.27	7.90	5.4	2.30	99.9
336	11/21/2010 21:31	10.03	47.24	30.55	9.25	7.89	5.3	2.38	99.7
337	11/21/2010 21:46	9.98	46.97	30.36	9.26	7.89	5.6	2.49	99.6
338	11/21/2010 22:01	9.99	47.02	30.40	9.23	7.88	6.2	2.57	99.3
339	11/21/2010 22:16	10.04	47.31	30.61	9.18	7.88	6.3	2.66	99.0
340	11/21/2010 22:31	10.06	47.84	30.99	9.14	7.88	6.7	2.75	98.8
341	11/21/2010 22:46	10.05	47.88	31.02	9.13	7.87	8.0	2.82	98.7
342	11/21/2010 23:01	10.03	47.86	31.00	9.13	7.87	7.2	2.90	98.7
343	11/21/2010 23:16	10.02	48.20	31.25	9.16	7.87	7.3	2.96	99.1
344	11/21/2010 23:31	10.02	48.47	31.44	9.19	7.87	8.1	3.04	99.6
345	11/21/2010 23:46	10.01	48.82	31.69	9.26	7.86	7.5	3.09	100.5
346	11/22/2010 0:01	10.02	49.12	31.90	9.34	7.86	5.9	3.14	101.5
347	11/22/2010 0:16	10.02	49.08	31.88	9.35	7.86	5.5	3.21	101.5
348	11/22/2010 0:31	10.02	48.90	31.75	9.42	7.88	4.2	3.23	102.2
349	11/22/2010 0:46	10.03	49.26	32.01	9.38	7.87	4.2	3.23	102.0
350	11/22/2010 1:01	10.02	49.05	31.86	9.32	7.88	3.8	3.24	101.3
351	11/22/2010 1:16	10.03	49.07	31.87	9.38	7.88	4.3	3.23	102.0
352	11/22/2010 1:31	10.03	49.15	31.93	9.36	7.86	5.7	3.17	101.7
353	11/22/2010 1:46	9.91	48.39	31.37	9.24	7.86	5.0	3.11	99.8
354	11/22/2010 2:01	9.90	48.34	31.34	9.14	7.86	5.0	3.05	98.7
355	11/22/2010 2:16	9.88	47.94	31.05	9.10	7.86	5.4	2.99	98.0
356	11/22/2010 2:31	9.86	47.94	31.05	9.07	7.86	5.4	2.91	97.6
357	11/22/2010 2:46	9.90	47.81	30.95	9.08	7.87	4.9	2.85	97.8
358	11/22/2010 3:01	9.90	47.93	31.04	9.04	7.86	4.8	2.77	97.4
359	11/22/2010 3:16	9.91	47.58	30.79	9.03	7.87	5.1	2.71	97.2
360	11/22/2010 3:31	9.83	47.51	30.74	8.99	7.86	4.8	2.64	96.5
361	11/22/2010 3:46	9.81	47.25	30.55	8.93	7.86	4.6	2.60	95.8
362	11/22/2010 4:01	9.71	47.14	30.46	8.91	7.86	4.3	2.53	95.3
363	11/22/2010 4:16	9.73	46.83	30.24	8.90	7.86	4.2	2.49	95.1
364	11/22/2010 4:31	9.79	46.93	30.32	8.95	7.87	3.7	2.45	95.8
365	11/22/2010 4:46	9.81	47.00	30.37	8.96	7.88	3.2	2.42	96.0
366	11/22/2010 5:01	9.82	46.84	30.26	8.93	7.87	2.7	2.40	95.6
367	11/22/2010 5:16	9.82	46.94	30.33	8.91	7.87	2.7	2.39	95.4
368	11/22/2010 5:31	9.84	47.07	30.42	9.01	7.87	3.5	2.40	96.7
369	11/22/2010 5:46	9.86	47.30	30.58	9.02	7.87	3.8	2.41	96.8
370	11/22/2010 6:01	9.83	47.11	30.45	8.97	7.86	4.0	2.44	96.2

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	
371	11/22/2010 6:16	9.81	47.09	30.43	9.00	7.86	3.9	2.47	96.4
372	11/22/2010 6:31	9.80	47.26	30.55	8.99	7.86	4.2	2.53	96.4
373	11/22/2010 6:46	9.82	47.27	30.56	9.01	7.86	4.1	2.59	96.6
374	11/22/2010 7:01	9.81	47.39	30.65	8.99	7.86	5.2	2.66	96.5
375	11/22/2010 7:16	9.85	47.61	30.81	9.01	7.86	5.5	2.73	96.9
376	11/22/2010 7:31	9.81	47.39	30.65	9.04	7.85	4.5	2.81	97.0
377	11/22/2010 7:46	9.87	48.10	31.17	9.08	7.86	5.0	2.89	97.9
378	11/22/2010 8:01	9.90	48.18	31.22	9.17	7.86	6.1	2.98	98.9
379	11/22/2010 8:16	9.92	48.53	31.47	9.21	7.86	5.4	3.06	99.6
380	11/22/2010 8:31	9.93	48.47	31.43	9.24	7.86	5.5	3.15	99.9
381	11/22/2010 8:46	9.94	48.59	31.52	9.29	7.86	5.7	3.23	100.5
382	11/22/2010 9:01	9.94	48.73	31.62	9.31	7.86	5.7	3.33	100.8
383	11/22/2010 9:16	9.96	48.94	31.77	9.37	7.87	7.4	3.42	101.6
384	11/22/2010 9:31	9.97	49.38	32.09	9.40	7.87	8.3	3.49	102.2
385	11/22/2010 9:46	9.98	49.27	32.02	9.42	7.87	6.7	3.57	102.3
386	11/22/2010 10:01	9.99	49.60	32.25	9.40	7.87	5.7	3.65	102.3
387	11/22/2010 10:16	10.00	49.71	32.33	9.40	7.87	5.4	3.73	102.3
388	11/22/2010 10:31	10.02	49.45	32.15	9.40	7.88	4.5	3.79	102.3
389	11/22/2010 10:46	10.03	49.62	32.27	9.39	7.87	3.8	3.84	102.3
390	11/22/2010 11:01	10.05	49.70	32.33	9.39	7.87	3.2	3.88	102.4
391	11/22/2010 11:16	10.05	49.82	32.41	9.34	7.87	3.1	3.91	102.0
392	11/22/2010 11:31	10.04	49.53	32.20	9.37	7.87	3.4	3.90	102.1
393	11/22/2010 11:46	10.03	49.37	32.09	9.37	7.88	4.2	3.88	102.0
394	11/22/2010 12:01	10.05	49.52	32.20	9.36	7.88	3.7	3.86	102.0
395	11/22/2010 12:16	10.06	49.54	32.21	9.36	7.89	4.2	3.80	102.0
396	11/22/2010 12:31	10.21	49.25	32.01	9.57	7.90	3.7	3.70	104.5
397	11/22/2010 12:46	10.17	48.60	31.54	9.55	7.90	3.7	3.61	103.9
398	11/22/2010 13:01	10.14	48.88	31.74	9.50	7.90	3.3	3.53	103.4
399	11/22/2010 13:16	10.12	48.72	31.63	9.47	7.87	5.7	3.41	102.9
400	11/22/2010 13:31	10.10	48.61	31.55	9.51	7.88	4.6	3.29	103.3
401	11/22/2010 13:46	10.10	48.41	31.40	9.53	7.90	3.7	3.16	103.4
402	11/22/2010 14:01	10.08	48.10	31.18	9.55	7.90	3.8	3.04	103.5
403	11/22/2010 14:16	10.06	47.94	31.06	9.55	7.89	3.7	2.92	103.4
404	11/22/2010 14:31	10.06	47.73	30.91	9.59	7.89	3.8	2.79	103.6
405	11/22/2010 14:46	10.08	47.88	31.02	9.61	7.91	3.9	2.65	104.0
406	11/22/2010 15:01	10.03	47.58	30.80	9.57	7.90	5.9	2.50	103.3
407	11/22/2010 15:16	10.01	47.74	30.91	9.56	7.89	6.1	2.37	103.3
408	11/22/2010 15:31	10.03	47.76	30.93	9.64	7.90	6.0	2.22	104.2
409	11/22/2010 15:46	10.04	47.42	30.69	9.72	7.92	5.6	2.08	104.8
410	11/22/2010 16:01	9.99	47.42	30.68	9.71	7.92	6.1	1.93	104.6
411	11/22/2010 16:16	9.96	47.24	30.55	9.68	7.92	6.4	1.79	104.2
412	11/22/2010 16:31	9.93	46.72	30.18	9.68	7.92	6.5	1.64	103.8
413	11/22/2010 16:46	9.87	46.50	30.01	9.68	7.92	5.5	1.49	103.6
414	11/22/2010 17:01	9.84	46.54	30.04	9.68	7.93	5.7	1.35	103.6
415	11/22/2010 17:16	9.82	46.10	29.72	9.71	7.92	6.0	1.25	103.6
416	11/22/2010 17:31	9.79	46.28	29.85	9.70	7.92	6.3	1.15	103.5
417	11/22/2010 17:46	9.76	46.11	29.73	9.69	7.92	10.7	1.07	103.3
418	11/22/2010 18:01	9.75	45.99	29.65	9.67	7.93	7.4	1.03	103.0
419	11/22/2010 18:16	9.76	46.27	29.84	9.67	7.93	8.5	1.04	103.2
420	11/22/2010 18:31	9.76	46.15	29.76	9.70	7.93	6.1	1.08	103.4
421	11/22/2010 18:46	9.78	46.25	29.83	9.68	7.93	5.9	1.13	103.3
422	11/22/2010 19:01	9.79	46.13	29.75	9.68	7.91	5.1	1.24	103.3
423	11/22/2010 19:16	9.80	46.08	29.71	9.65	7.91	6.6	1.31	103.0

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	
424	11/22/2010 19:31	9.77	45.30	29.15	9.64	7.92	6.2	1.38	102.4
425	11/22/2010 19:46	9.79	45.45	29.26	9.62	7.90	5.9	1.48	102.3
426	11/22/2010 20:01	9.80	45.30	29.15	9.60	7.89	5.9	1.55	102.1
427	11/22/2010 20:16	9.82	45.46	29.27	9.58	7.89	5.2	1.64	101.9
428	11/22/2010 20:31	9.82	45.50	29.30	9.57	7.92	5.5	1.73	101.9
429	11/22/2010 20:46	9.82	45.37	29.21	9.57	7.92	4.9	1.82	101.8
430	11/22/2010 21:01	9.86	45.99	29.65	9.53	7.92	4.5	1.92	101.7
431	11/22/2010 21:16	9.88	45.78	29.50	9.49	7.88	4.8	2.02	101.2
432	11/22/2010 21:31	9.93	46.16	29.78	9.44	7.87	6.6	2.12	101.0
433	11/22/2010 21:46	9.92	46.24	29.83	9.46	7.87	6.1	2.22	101.2
434	11/22/2010 22:01	9.92	46.62	30.11	9.45	7.87	6.8	2.32	101.3
435	11/22/2010 22:16	9.93	46.78	30.22	9.43	7.87	6.8	2.43	101.2
436	11/22/2010 22:31	9.94	47.06	30.42	9.40	7.90	7.3	2.53	101.1
437	11/22/2010 22:46	9.95	46.99	30.37	9.39	7.86	7.9	2.62	100.9
438	11/22/2010 23:01	9.97	47.29	30.59	9.38	7.86	8.4	2.71	101.0
439	11/22/2010 23:16	9.99	47.27	30.57	9.39	7.86	8.5	2.79	101.1
440	11/22/2010 23:31	10.00	47.65	30.85	9.38	7.89	7.4	2.88	101.2
441	11/22/2010 23:46	10.01	47.85	30.99	9.37	7.86	8.5	2.95	101.2
442	11/23/2010 0:01	10.02	48.46	31.43	9.38	7.88	8.9	3.03	101.6
443	11/23/2010 0:16	10.03	48.70	31.60	9.37	7.88	8.5	3.10	101.7
444	11/23/2010 0:31	10.03	48.69	31.60	9.34	7.87	7.0	3.16	101.4
445	11/23/2010 0:46	10.03	48.80	31.68	9.30	7.87	5.8	3.22	101.0
446	11/23/2010 1:01	10.04	48.86	31.72	9.25	7.87	4.9	3.26	100.4
447	11/23/2010 1:16	10.04	49.11	31.90	9.18	7.88	3.7	3.28	99.8
448	11/23/2010 1:31	10.03	48.84	31.70	9.21	7.88	4.0	3.31	100.0
449	11/23/2010 1:46	10.04	49.04	31.85	9.13	7.88	4.6	3.31	99.2
450	11/23/2010 2:01	10.04	49.01	31.83	9.15	7.88	4.7	3.26	99.5
451	11/23/2010 2:16	10.04	48.98	31.81	9.21	7.88	6.1	3.23	100.1
452	11/23/2010 2:31	9.95	48.59	31.52	9.24	7.87	20.9	3.16	100.0
453	11/23/2010 2:46	9.92	48.47	31.43	9.24	7.86	30.6	3.07	99.9
454	11/23/2010 3:01	9.91	48.58	31.51	9.24	7.86	32.5	2.99	99.9
455	11/23/2010 3:16	9.88	48.58	31.51	9.24	7.87	24.7	2.94	99.8
456	11/23/2010 3:31	9.84	48.47	31.43	9.24	7.87	31.0	2.85	99.8
457	11/23/2010 3:46	9.79	47.84	30.97	9.27	7.87	24.8	2.78	99.6
458	11/23/2010 4:01	9.78	47.47	30.71	9.28	7.86	21.7	2.72	99.5
459	11/23/2010 4:16	9.75	47.64	30.83	9.26	7.87	25.7	2.66	99.4
460	11/23/2010 4:31	9.74	47.24	30.54	9.28	7.88	22.1	2.60	99.4
461	11/23/2010 4:46	9.70	47.19	30.50	9.28	7.88	22.3	2.56	99.2
462	11/23/2010 5:01	9.63	47.18	30.49	9.28	7.88	20.3	2.52	99.1
463	11/23/2010 5:16	9.60	46.91	30.30	9.29	7.88	23.9	2.46	99.0
464	11/23/2010 5:31	9.59	46.40	29.93	9.31	7.88	24.0	2.44	99.0
465	11/23/2010 5:46	9.61	46.21	29.79	9.28	7.85	22.1	2.43	98.6
466	11/23/2010 6:01	9.61	46.31	29.86	9.26	7.88	21.0	2.42	98.4
467	11/23/2010 6:16	9.64	46.60	30.07	9.25	7.88	18.8	2.44	98.5
468	11/23/2010 6:31	9.59	46.56	30.04	9.28	7.88	18.1	2.45	98.8
469	11/23/2010 6:46	9.60	46.57	30.05	9.28	7.88	17.2	2.49	98.8
470	11/23/2010 7:01	9.69	46.61	30.08	9.27	7.88	17.3	2.52	98.8
471	11/23/2010 7:16	9.71	46.75	30.18	9.23	7.88	17.8	2.57	98.6
472	11/23/2010 7:31	9.67	46.70	30.14	9.25	7.84	16.7	2.64	98.6
473	11/23/2010 7:46	9.73	46.75	30.19	9.22	7.88	14.3	2.70	98.5
474	11/23/2010 8:01	9.76	47.05	30.40	9.22	7.88	15.9	2.78	98.7
475	11/23/2010 8:16	9.79	47.09	30.43	9.22	7.88	19.0	2.86	98.7
476	11/23/2010 8:31	9.76	47.12	30.45	9.22	7.84	15.0	2.92	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	DO%
			mS/cm		mg/L		NTU	meters	
477	11/23/2010 8:46	9.81	47.72	30.89	9.21	7.88	16.7	3.01	99.0
478	11/23/2010 9:01	9.77	47.75	30.91	9.22	7.88	15.8	3.10	99.0
479	11/23/2010 9:16	9.86	48.24	31.26	9.20	7.88	13.8	3.18	99.3
480	11/23/2010 9:31	9.88	48.29	31.30	9.18	7.85	12.5	3.29	99.0
481	11/23/2010 9:46	9.92	48.96	31.79	9.08	7.88	12.3	3.38	98.4
482	11/23/2010 10:01	9.95	49.12	31.90	9.03	7.88	10.3	3.45	97.9
483	11/23/2010 10:16	9.94	48.86	31.71	9.01	7.85	7.2	3.55	97.6
484	11/23/2010 10:31	9.96	49.20	31.96	8.97	7.88	7.2	3.61	97.4
485	11/23/2010 10:46	9.96	49.30	32.03	8.94	7.88	5.9	3.70	97.2
486	11/23/2010 11:01	9.97	49.40	32.10	8.92	7.89	4.7	3.73	97.0
487	11/23/2010 11:16	9.99	49.50	32.18	8.92	7.89	3.7	3.79	97.0
488	11/23/2010 11:31	9.99	49.32	32.05	8.90	7.89	3.2	3.83	96.8
489	11/23/2010 11:46	9.99	49.32	32.05	8.89	7.86	2.4	3.86	96.7
490	11/23/2010 12:01	9.97	49.18	31.94	8.93	7.86	3.3	3.86	96.9
491	11/23/2010 12:16	9.99	49.40	32.11	8.89	7.86	3.1	3.85	96.7
492	11/23/2010 12:31	9.99	49.48	32.17	8.90	7.88	3.5	3.83	96.8
493	11/23/2010 12:46	9.96	49.06	31.86	9.01	7.87	7.0	3.76	97.7
494	11/23/2010 13:01	9.98	49.11	31.90	9.20	7.89	6.5	3.67	99.9
495	11/23/2010 13:16	10.00	48.84	31.70	9.25	7.88	7.4	3.63	100.3
496	11/23/2010 13:31	10.00	49.11	31.90	9.22	7.89	6.5	3.52	100.2
497	11/23/2010 13:46	9.80	48.28	31.29	9.28	7.89	13.2	3.40	100.0
498	11/23/2010 14:01	9.80	48.22	31.25	9.27	7.89	11.2	3.33	99.9
499	11/23/2010 14:16	9.81	48.33	31.32	9.27	7.89	9.7	3.22	99.9
500	11/23/2010 14:31	9.82	48.22	31.25	9.32	7.89	10.5	3.10	100.4
501	11/23/2010 14:46	9.78	47.68	30.86	9.39	7.89	11.8	2.96	100.9
502	11/23/2010 15:01	9.74	47.37	30.63	9.41	7.89	11.4	2.85	100.8
503	11/23/2010 15:16	9.73	47.72	30.88	9.41	7.90	12.0	2.72	100.9
504	11/23/2010 15:31	9.66	47.48	30.70	9.47	7.90	12.3	2.58	101.3
505	11/23/2010 15:46	9.61	47.15	30.46	9.46	7.90	15.3	2.43	100.9
506	11/23/2010 16:01	9.52	47.23	30.52	9.46	7.86	19.2	2.28	100.8
507	11/23/2010 16:16	9.47	46.90	30.28	9.46	7.90	20.0	2.17	100.6
508	11/23/2010 16:31	9.39	46.58	30.04	9.46	7.85	24.0	2.02	100.2
509	11/23/2010 16:46	9.35	46.58	30.04	9.47	7.90	21.4	1.87	100.2
510	11/23/2010 17:01	9.29	46.63	30.07	9.47	7.90	19.4	1.71	100.1
511	11/23/2010 17:16	9.28	46.23	29.79	9.45	7.85	21.2	1.57	99.7
512	11/23/2010 17:31	9.25	45.62	29.35	9.43	7.84	27.6	1.44	99.1
513	11/23/2010 17:46	9.16	45.34	29.15	9.40	7.89	28.8	1.29	98.5
514	11/23/2010 18:01	9.05	44.32	28.41	9.41	7.82	29.1	1.17	97.8
515	11/23/2010 18:16	8.97	44.01	28.19	9.40	7.88	25.2	1.09	97.5
516	11/23/2010 18:31	8.90	42.80	27.33	9.43	7.80	23.4	1.00	97.1
517	11/23/2010 18:46	8.90	42.88	27.38	9.41	7.80	21.2	0.97	96.9
518	11/23/2010 19:01	8.94	43.63	27.92	9.40	7.80	20.2	1.00	97.2
519	11/23/2010 19:16	8.82	43.32	27.69	9.44	7.79	17.9	1.03	97.2
520	11/23/2010 19:31	8.83	43.58	27.87	9.44	7.89	16.4	1.11	97.4
521	11/23/2010 19:46	8.78	43.57	27.87	9.43	7.79	14.5	1.17	97.2
522	11/23/2010 20:01	8.86	43.75	28.00	9.41	7.89	15.3	1.25	97.2
523	11/23/2010 20:16	8.90	43.56	27.86	9.40	7.89	15.6	1.32	97.1
524	11/23/2010 20:31	9.01	44.07	28.23	9.37	7.89	16.2	1.41	97.2
525	11/23/2010 20:46	9.06	44.17	28.31	9.36	7.79	15.9	1.49	97.3
526	11/23/2010 21:01	9.09	44.24	28.36	9.35	7.89	16.6	1.58	97.3
527	11/23/2010 21:16	9.17	44.27	28.39	9.37	7.89	15.1	1.69	97.7
528	11/23/2010 21:31	9.20	44.33	28.43	9.37	7.89	14.6	1.77	97.8
529	11/23/2010 21:46	9.31	44.65	28.66	9.39	7.89	14.0	1.87	98.4

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	
530	11/23/2010 22:01	9.41	45.38	29.19	9.42	7.90	12.1	1.97	99.3
531	11/23/2010 22:16	9.44	45.52	29.29	9.43	7.90	12.1	2.08	99.5
532	11/23/2010 22:31	9.47	45.98	29.62	9.46	7.91	13.4	2.19	100.1
533	11/23/2010 22:46	9.52	45.98	29.62	9.44	7.91	14.3	2.28	100.0
534	11/23/2010 23:01	9.52	46.32	29.87	9.44	7.91	13.1	2.39	100.2
535	11/23/2010 23:16	9.51	46.14	29.74	9.45	7.91	15.1	2.50	100.1
536	11/23/2010 23:31	9.54	46.47	29.97	9.40	7.91	20.2	2.59	99.8
537	11/23/2010 23:46	9.54	46.32	29.87	9.40	7.90	17.3	2.67	99.7
538	11/24/2010 0:01	9.53	46.14	29.74	9.38	7.82	17.8	2.75	99.5
539	11/24/2010 0:16	9.52	46.26	29.83	9.36	7.90	19.7	2.83	99.3
540	11/24/2010 0:31	9.56	46.60	30.07	9.35	7.90	26.9	2.90	99.4
541	11/24/2010 0:46	9.56	46.69	30.13	9.37	7.90	20.8	2.97	99.7
542	11/24/2010 1:01	9.52	47.12	30.44	9.44	7.83	20.8	3.03	100.5
543	11/24/2010 1:16	9.50	47.48	30.69	9.42	7.90	14.4	3.09	100.4
544	11/24/2010 1:31	9.51	47.69	30.84	9.42	7.90	12.6	3.14	100.5
545	11/24/2010 1:46	9.53	47.86	30.96	9.40	7.90	9.2	3.18	100.5
546	11/24/2010 2:01	9.53	47.90	31.00	9.38	7.90	7.1	3.20	100.2
547	11/24/2010 2:16	9.51	47.70	30.85	9.37	7.90	8.2	3.21	100.1
548	11/24/2010 2:31	9.54	48.05	31.11	9.35	7.89	7.9	3.20	100.0
549	11/24/2010 2:46	9.58	47.98	31.06	9.37	7.89	8.4	3.17	100.3
550	11/24/2010 3:01	9.54	47.92	31.01	9.36	7.89	10.1	3.11	100.1
551	11/24/2010 3:16	9.49	47.35	30.60	9.35	7.89	9.2	3.07	99.6
552	11/24/2010 3:31	9.39	46.88	30.25	9.36	7.89	16.1	3.00	99.3
553	11/24/2010 3:46	9.20	46.33	29.85	9.35	7.89	13.2	2.93	98.5
554	11/24/2010 4:01	8.94	45.70	29.38	9.25	7.89	8.1	2.87	96.6
555	11/24/2010 4:16	9.15	46.09	29.67	9.26	7.89	9.2	2.80	97.3
556	11/24/2010 4:31	9.14	46.02	29.62	9.30	7.89	8.5	2.73	97.7
557	11/24/2010 4:46	9.18	46.00	29.62	9.29	7.89	8.8	2.68	97.7
558	11/24/2010 5:01	8.79	45.38	29.15	9.21	7.88	7.1	2.62	95.7
559	11/24/2010 5:16	8.86	45.39	29.16	9.26	7.89	7.7	2.56	96.4
560	11/24/2010 5:31	9.01	45.49	29.24	9.22	7.89	7.6	2.52	96.3
561	11/24/2010 5:46	8.96	45.44	29.20	9.19	7.89	6.7	2.48	95.9
562	11/24/2010 6:01	8.92	45.34	29.13	9.18	7.89	6.6	2.44	95.6
563	11/24/2010 6:16	8.93	45.22	29.04	9.14	7.79	6.1	2.41	95.2
564	11/24/2010 6:31	8.95	45.44	29.20	9.15	7.88	6.5	2.39	95.4
565	11/24/2010 6:46	8.85	45.25	29.05	9.23	7.89	6.1	2.39	96.0
566	11/24/2010 7:01	8.77	45.17	29.00	9.12	7.78	7.0	2.40	94.6
567	11/24/2010 7:16	8.69	45.18	29.00	9.20	7.88	7.0	2.43	95.3
568	11/24/2010 7:31	8.92	44.98	28.87	9.28	7.79	7.9	2.47	96.5
569	11/24/2010 7:46	8.94	45.21	29.03	9.27	7.79	8.3	2.52	96.6
570	11/24/2010 8:01	8.70	44.55	28.55	9.27	7.78	9.5	2.58	95.7
571	11/24/2010 8:16	9.04	45.40	29.17	9.24	7.79	9.2	2.64	96.5
572	11/24/2010 8:31	9.06	45.47	29.23	9.27	7.79	9.8	2.71	97.0
573	11/24/2010 8:46	9.06	45.62	29.34	9.28	7.79	7.9	2.78	97.1
574	11/24/2010 9:01	9.05	45.70	29.39	9.28	7.79	7.8	2.86	97.2
575	11/24/2010 9:16	9.25	46.58	30.03	9.27	7.80	9.4	2.93	97.9
576	11/24/2010 9:31	9.26	46.64	30.08	9.30	7.89	10.9	3.01	98.3
577	11/24/2010 9:46	9.35	47.15	30.45	9.27	7.81	10.3	3.09	98.4
578	11/24/2010 10:01	9.38	47.15	30.45	9.27	7.81	11.5	3.16	98.4
579	11/24/2010 10:16	9.41	47.74	30.87	9.20	7.81	9.9	3.24	98.0
580	11/24/2010 10:31	9.42	47.75	30.88	9.20	7.89	8.9	3.33	98.1
581	11/24/2010 10:46	9.44	47.94	31.02	9.17	7.89	8.7	3.41	97.9
582	11/24/2010 11:01	9.45	48.01	31.07	9.13	7.88	8.8	3.48	97.4

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	
583	11/24/2010 11:16	9.43	48.01	31.07	9.07	7.80	9.0	3.56	96.7
584	11/24/2010 11:31	9.45	48.24	31.24	8.99	7.80	8.2	3.63	96.0
585	11/24/2010 11:46	9.45	48.57	31.47	8.93	7.87	7.6	3.68	95.5
586	11/24/2010 12:01	9.48	48.66	31.54	8.84	7.87	7.3	3.73	94.7
587	11/24/2010 12:16	9.51	48.69	31.56	8.78	7.86	6.7	3.77	94.1
588	11/24/2010 12:31	9.52	48.83	31.67	8.72	7.79	4.9	3.80	93.6
589	11/24/2010 12:46	9.52	48.97	31.76	8.67	7.86	4.1	3.80	93.1
590	11/24/2010 13:01	9.52	48.79	31.64	8.69	7.79	5.4	3.78	93.3
591	11/24/2010 13:16	9.52	48.82	31.66	8.69	7.79	5.9	3.77	93.3
592	11/24/2010 13:31	9.54	48.53	31.45	8.82	7.80	6.3	3.71	94.6
593	11/24/2010 13:46	9.64	48.03	31.10	9.15	7.88	6.3	3.64	98.1
594	11/24/2010 14:01	9.73	47.62	30.81	9.44	7.90	6.7	3.55	101.2
595	11/24/2010 14:16	9.65	47.49	30.71	9.47	7.90	5.7	3.45	101.3
596	11/24/2010 14:31	9.56	47.07	30.41	9.48	7.90	8.5	3.34	101.0
597	11/24/2010 14:46	9.56	47.08	30.41	9.45	7.89	9.8	3.22	100.7
598	11/24/2010 15:01	9.54	46.75	30.17	9.56	7.90	11.8	3.10	101.6
599	11/24/2010 15:16	9.51	46.69	30.13	9.52	7.90	7.6	2.99	101.1
600	11/24/2010 15:31	9.53	46.88	30.26	9.53	7.91	8.8	2.88	101.4
601	11/24/2010 15:46	9.48	46.59	30.05	9.63	7.91	6.3	2.75	102.2
602	11/24/2010 16:01	9.42	46.40	29.92	9.60	7.91	7.7	2.63	101.7
603	11/24/2010 16:16	9.36	46.03	29.65	9.70	7.91	7.1	2.49	102.4
604	11/24/2010 16:31	9.33	46.16	29.74	9.71	7.93	7.7	2.35	102.5
605	11/24/2010 16:46	9.24	45.62	29.35	9.74	7.84	9.5	2.21	102.3
606	11/24/2010 17:01	9.15	45.57	29.31	9.73	7.92	9.3	2.06	102.0
607	11/24/2010 17:16	9.03	45.43	29.20	9.74	7.92	9.8	1.91	101.8
608	11/24/2010 17:31	8.97	45.37	29.15	9.72	7.93	10.9	1.76	101.4
609	11/24/2010 17:46	8.89	45.09	28.95	9.72	7.92	10.6	1.62	101.1
610	11/24/2010 18:01	8.77	44.53	28.54	9.78	7.82	11.8	1.48	101.1
611	11/24/2010 18:16	8.66	44.09	28.22	9.82	7.82	11.3	1.35	101.1
612	11/24/2010 18:31	8.55	44.10	28.23	9.84	7.93	11.4	1.22	101.0
613	11/24/2010 18:46	8.49	43.91	28.09	9.85	7.93	10.6	1.12	101.0
614	11/24/2010 19:01	8.40	43.81	28.01	9.84	7.93	10.1	1.04	100.6
615	11/24/2010 19:16	8.42	43.72	27.95	9.76	7.81	8.7	0.98	99.8
616	11/24/2010 19:31	8.54	44.12	28.23	9.80	7.93	9.2	0.99	100.7
617	11/24/2010 19:46	8.57	44.16	28.27	9.81	7.93	9.0	1.04	100.9
618	11/24/2010 20:01	8.50	44.11	28.22	9.84	7.94	8.1	1.09	100.9
619	11/24/2010 20:16	8.58	44.09	28.22	9.82	7.81	7.4	1.17	100.9
620	11/24/2010 20:31	8.54	43.55	27.83	9.83	7.93	7.4	1.25	100.7
621	11/24/2010 20:46	8.64	44.06	28.20	9.80	7.81	7.5	1.31	100.8
622	11/24/2010 21:01	8.62	44.11	28.23	9.78	7.93	7.5	1.37	100.7
623	11/24/2010 21:16	8.68	43.98	28.15	9.76	7.93	7.6	1.44	100.5
624	11/24/2010 21:31	8.73	43.91	28.10	9.74	7.93	7.9	1.52	100.4
625	11/24/2010 21:46	8.76	44.03	28.19	9.72	7.93	7.7	1.60	100.3
626	11/24/2010 22:01	8.77	43.88	28.08	9.73	7.92	7.1	1.70	100.3
627	11/24/2010 22:16	8.78	43.47	27.80	9.73	7.79	7.1	1.76	100.2
628	11/24/2010 22:31	8.89	43.87	28.08	9.68	7.92	7.4	1.87	100.1
629	11/24/2010 22:46	8.91	43.75	28.00	9.70	7.92	7.1	1.99	100.3
630	11/24/2010 23:01	8.99	44.03	28.20	9.67	7.92	7.0	2.10	100.3
631	11/24/2010 23:16	9.09	44.92	28.84	9.67	7.81	7.7	2.19	101.0
632	11/24/2010 23:31	9.12	45.14	29.00	9.65	7.81	8.2	2.30	100.9
633	11/24/2010 23:46	9.15	45.18	29.03	9.65	7.93	9.7	2.42	101.0
634	11/25/2010 0:01	9.15	45.43	29.21	9.66	7.93	10.6	2.51	101.2
635	11/25/2010 0:16	9.16	45.35	29.15	9.63	7.92	8.9	2.59	100.9

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	
636	11/25/2010 0:31	9.17	45.35	29.15	9.58	7.92	9.7	2.69	100.4
637	11/25/2010 0:46	9.16	45.47	29.24	9.54	7.80	12.4	2.76	100.0
638	11/25/2010 1:01	9.18	45.82	29.48	9.50	7.91	11.9	2.83	99.8
639	11/25/2010 1:16	9.16	46.11	29.69	9.45	7.91	10.9	2.91	99.3
640	11/25/2010 1:31	9.20	46.76	30.16	9.31	7.90	10.7	2.98	98.2
641	11/25/2010 1:46	9.23	47.32	30.56	9.20	7.90	9.9	3.04	97.4
642	11/25/2010 2:01	9.24	47.43	30.64	9.15	7.79	8.4	3.10	96.9
643	11/25/2010 2:16	9.24	47.63	30.78	9.11	7.90	6.8	3.15	96.7
644	11/25/2010 2:31	9.26	47.86	30.95	9.08	7.90	6.8	3.18	96.4
645	11/25/2010 2:46	9.27	47.86	30.95	9.03	7.89	4.7	3.22	96.0
646	11/25/2010 3:01	9.27	47.79	30.90	8.99	7.89	3.7	3.23	95.5
647	11/25/2010 3:16	9.27	47.80	30.91	9.00	7.89	5.6	3.21	95.6
648	11/25/2010 3:31	9.27	47.87	30.96	8.98	7.89	5.9	3.18	95.4
649	11/25/2010 3:46	9.25	47.78	30.89	9.01	7.89	6.3	3.13	95.7
650	11/25/2010 4:01	9.17	47.51	30.69	9.05	7.89	7.0	3.07	95.8
651	11/25/2010 4:16	9.06	47.12	30.41	9.11	7.89	8.3	3.02	96.0
652	11/25/2010 4:31	9.00	46.18	29.73	9.27	7.79	8.8	2.94	97.2
653	11/25/2010 4:46	8.96	46.23	29.76	9.29	7.90	6.3	2.87	97.3
654	11/25/2010 5:01	8.91	45.98	29.58	9.33	7.90	6.8	2.80	97.5
655	11/25/2010 5:16	8.61	45.50	29.22	9.34	7.90	5.8	2.72	96.7
656	11/25/2010 5:31	8.55	45.47	29.19	9.29	7.90	4.8	2.67	96.0
657	11/25/2010 5:46	8.51	45.27	29.05	9.35	7.90	4.9	2.61	96.5
658	11/25/2010 6:01	8.38	45.20	28.99	9.37	7.90	5.2	2.55	96.4
659	11/25/2010 6:16	8.39	44.69	28.63	9.39	7.90	5.1	2.49	96.3
660	11/25/2010 6:31	8.27	44.80	28.70	9.38	7.90	4.8	2.46	96.0
661	11/25/2010 6:46	8.12	44.65	28.58	9.35	7.90	4.7	2.42	95.3
662	11/25/2010 7:01	8.16	44.64	28.57	9.34	7.90	4.8	2.38	95.3
663	11/25/2010 7:16	8.25	44.48	28.47	9.37	7.90	4.4	2.38	95.7
664	11/25/2010 7:31	8.34	44.68	28.62	9.37	7.90	4.6	2.37	96.1
665	11/25/2010 7:46	8.39	44.80	28.71	9.38	7.90	4.9	2.38	96.3
666	11/25/2010 8:01	8.37	44.97	28.83	9.37	7.90	4.6	2.40	96.2
667	11/25/2010 8:16	8.48	45.02	28.87	9.38	7.90	4.8	2.44	96.7
668	11/25/2010 8:31	8.44	44.96	28.83	9.35	7.76	5.1	2.49	96.2
669	11/25/2010 8:46	8.27	44.82	28.71	9.41	7.91	5.7	2.54	96.4
670	11/25/2010 9:01	8.59	45.17	28.98	9.35	7.77	4.9	2.59	96.6
671	11/25/2010 9:16	8.77	45.71	29.38	9.30	7.90	5.5	2.66	96.7
672	11/25/2010 9:31	8.83	45.86	29.49	9.26	7.77	5.4	2.73	96.5
673	11/25/2010 9:46	8.81	46.08	29.65	9.27	7.90	5.3	2.80	96.6
674	11/25/2010 10:01	8.87	46.23	29.76	9.23	7.78	5.6	2.87	96.5
675	11/25/2010 10:16	8.91	46.51	29.96	9.22	7.78	5.2	2.94	96.6
676	11/25/2010 10:31	9.04	46.83	30.20	9.25	7.90	4.5	3.02	97.4
677	11/25/2010 10:46	9.14	46.96	30.30	9.16	7.79	4.5	3.08	96.6
678	11/25/2010 11:01	9.19	47.66	30.80	9.01	7.78	5.4	3.15	95.4
679	11/25/2010 11:16	9.23	48.02	31.06	8.93	7.89	5.9	3.24	94.8
680	11/25/2010 11:31	9.25	47.99	31.04	8.93	7.89	6.5	3.30	94.8
681	11/25/2010 11:46	9.29	48.14	31.15	8.88	7.78	5.4	3.37	94.5
682	11/25/2010 12:01	9.32	48.32	31.29	8.82	7.88	5.0	3.44	94.0
683	11/25/2010 12:16	9.33	48.48	31.40	8.73	7.88	5.0	3.50	93.1
684	11/25/2010 12:31	9.34	48.64	31.51	8.63	7.88	4.8	3.55	92.2
685	11/25/2010 12:46	9.35	48.74	31.59	8.57	7.87	4.3	3.60	91.6
686	11/25/2010 13:01	9.37	48.91	31.71	8.55	7.87	4.0	3.64	91.5
687	11/25/2010 13:16	9.36	48.96	31.75	8.47	7.87	3.4	3.66	90.6
688	11/25/2010 13:31	9.36	49.15	31.88	8.40	7.87	2.7	3.67	90.0

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	
689	11/25/2010 13:46	9.37	49.01	31.78	8.40	7.86	4.4	3.67	89.9
690	11/25/2010 14:01	9.38	48.85	31.67	8.41	7.77	3.7	3.65	90.0
691	11/25/2010 14:16	9.38	49.00	31.77	8.52	7.87	4.6	3.59	91.2
692	11/25/2010 14:31	9.58	47.63	30.81	9.39	7.91	4.9	3.53	100.3
693	11/25/2010 14:46	9.52	47.78	30.91	9.37	7.91	4.0	3.46	100.1
694	11/25/2010 15:01	9.46	47.19	30.48	9.50	7.92	4.1	3.36	101.1
695	11/25/2010 15:16	9.43	47.17	30.46	9.49	7.83	4.0	3.25	100.9
696	11/25/2010 15:31	9.40	46.98	30.33	9.49	7.92	5.2	3.16	100.7
697	11/25/2010 15:46	9.38	47.11	30.42	9.58	7.93	3.8	3.04	101.7
698	11/25/2010 16:01	9.30	46.64	30.08	9.65	7.93	5.0	2.93	102.1
699	11/25/2010 16:16	9.24	46.31	29.84	9.69	7.93	5.1	2.83	102.1
700	11/25/2010 16:31	9.21	46.55	30.01	9.68	7.93	4.4	2.71	102.1
701	11/25/2010 16:46	9.15	46.14	29.71	9.77	7.94	4.5	2.59	102.7
702	11/25/2010 17:01	9.08	45.98	29.59	9.78	7.94	6.5	2.46	102.6
703	11/25/2010 17:16	9.01	45.84	29.49	9.81	7.94	7.1	2.34	102.6
704	11/25/2010 17:31	8.96	45.97	29.58	9.79	7.94	7.1	2.21	102.4
705	11/25/2010 17:46	8.89	45.70	29.38	9.82	7.95	7.4	2.06	102.4
706	11/25/2010 18:01	8.78	45.32	29.11	9.87	7.95	7.5	1.93	102.5
707	11/25/2010 18:16	8.67	45.02	28.88	9.94	7.96	6.8	1.78	102.8
708	11/25/2010 18:31	8.57	44.57	28.55	10.04	7.83	7.1	1.66	103.4
709	11/25/2010 18:46	8.46	44.44	28.46	10.15	7.97	7.4	1.51	104.2
710	11/25/2010 19:01	8.34	44.14	28.24	10.28	7.98	7.2	1.40	105.1
711	11/25/2010 19:16	8.27	43.80	28.00	10.31	7.98	6.8	1.31	105.1
712	11/25/2010 19:31	8.26	43.74	27.95	10.33	7.84	6.1	1.20	105.2
713	11/25/2010 19:46	8.19	43.68	27.90	10.34	7.84	6.8	1.13	105.1
714	11/25/2010 20:01	8.15	43.67	27.89	10.30	7.84	8.6	1.10	104.6
715	11/25/2010 20:16	8.23	43.84	28.01	10.31	7.98	5.9	1.10	105.0
716	11/25/2010 20:31	8.25	43.79	27.98	10.30	7.84	5.4	1.14	105.0
717	11/25/2010 20:46	8.29	44.03	28.15	10.24	7.98	5.6	1.19	104.5
718	11/25/2010 21:01	8.33	44.11	28.22	10.24	7.98	5.1	1.26	104.6
719	11/25/2010 21:16	8.35	44.11	28.21	10.21	7.98	5.0	1.33	104.4
720	11/25/2010 21:31	8.34	43.86	28.04	10.21	7.98	4.9	1.39	104.2
721	11/25/2010 21:46	8.38	43.80	28.00	10.17	7.97	5.1	1.44	104.0
722	11/25/2010 22:01	8.42	43.78	27.99	10.14	7.97	4.9	1.52	103.7
723	11/25/2010 22:16	8.44	43.60	27.86	10.14	7.82	4.8	1.60	103.6
724	11/25/2010 22:31	8.47	43.60	27.86	10.10	7.81	5.0	1.66	103.3
725	11/25/2010 22:46	8.49	43.67	27.91	10.07	7.96	4.6	1.74	103.1
726	11/25/2010 23:01	8.54	44.01	28.16	10.04	7.96	4.5	1.83	103.0
727	11/25/2010 23:16	8.59	43.88	28.07	9.99	7.95	4.9	1.94	102.6
728	11/25/2010 23:31	8.68	44.05	28.20	9.89	7.95	5.0	2.03	101.9
729	11/25/2010 23:46	8.80	44.41	28.46	9.80	7.80	4.6	2.13	101.4
730	11/26/2010 0:01	8.82	44.70	28.67	9.81	7.94	5.1	2.24	101.6
731	11/26/2010 0:16	8.88	45.14	28.98	9.80	7.95	5.4	2.34	102.0
732	11/26/2010 0:31	8.91	45.40	29.17	9.80	7.95	6.5	2.43	102.1
733	11/26/2010 0:46	8.95	45.65	29.35	9.73	7.94	6.0	2.52	101.6
734	11/26/2010 1:01	8.97	45.42	29.19	9.67	7.80	5.6	2.62	100.9
735	11/26/2010 1:16	8.96	45.73	29.41	9.60	7.93	6.2	2.70	100.3
736	11/26/2010 1:31	8.95	45.84	29.49	9.54	7.93	8.2	2.77	99.7
737	11/26/2010 1:46	8.97	46.20	29.74	9.49	7.93	6.8	2.85	99.4
738	11/26/2010 2:01	8.99	46.41	29.90	9.42	7.92	7.0	2.92	98.7
739	11/26/2010 2:16	9.01	46.81	30.18	9.29	7.92	6.9	2.98	97.6
740	11/26/2010 2:31	9.04	47.43	30.62	9.10	7.91	6.6	3.06	95.9
741	11/26/2010 2:46	9.07	47.67	30.80	9.00	7.90	6.4	3.10	95.1

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		
742	11/26/2010 3:01	9.10	48.06	31.08	8.93	7.90	5.2	3.16	94.6
743	11/26/2010 3:16	9.11	48.00	31.04	8.90	7.90	4.5	3.20	94.3
744	11/26/2010 3:31	9.13	48.18	31.17	8.86	7.78	3.9	3.22	94.0
745	11/26/2010 3:46	9.14	48.15	31.15	8.81	7.90	2.7	3.23	93.5
746	11/26/2010 4:01	9.13	48.11	31.12	8.80	7.77	4.0	3.23	93.3
747	11/26/2010 4:16	9.13	48.27	31.24	8.81	7.78	4.4	3.21	93.4
748	11/26/2010 4:31	9.08	48.00	31.04	8.85	7.89	4.9	3.16	93.6
749	11/26/2010 4:46	8.95	47.60	30.74	8.95	7.90	4.9	3.11	94.3
750	11/26/2010 5:01	8.82	47.00	30.31	9.01	7.78	4.3	3.05	94.4
751	11/26/2010 5:16	8.83	46.47	29.93	9.19	7.78	5.7	2.98	96.1
752	11/26/2010 5:31	8.83	46.52	29.96	9.27	7.91	5.7	2.91	96.9
753	11/26/2010 5:46	8.80	46.23	29.75	9.32	7.79	4.9	2.84	97.2
754	11/26/2010 6:01	8.66	45.88	29.49	9.37	7.78	4.5	2.78	97.3
755	11/26/2010 6:16	8.57	45.55	29.25	9.41	7.78	4.2	2.70	97.3
756	11/26/2010 6:31	8.56	45.61	29.29	9.42	7.92	4.1	2.63	97.5
757	11/26/2010 6:46	8.41	45.21	29.00	9.46	7.78	4.3	2.59	97.3
758	11/26/2010 7:01	8.37	45.06	28.89	9.47	7.78	3.8	2.52	97.3
759	11/26/2010 7:16	8.35	45.02	28.86	9.54	7.92	3.9	2.47	97.9
760	11/26/2010 7:31	8.29	44.95	28.81	9.52	7.77	3.5	2.44	97.5
761	11/26/2010 7:46	8.29	44.85	28.74	9.51	7.92	3.4	2.40	97.5
762	11/26/2010 8:01	8.25	44.84	28.73	9.50	7.92	3.3	2.38	97.2
763	11/26/2010 8:16	8.24	44.57	28.53	9.52	7.77	3.4	2.37	97.3
764	11/26/2010 8:31	8.38	45.07	28.90	9.46	7.92	3.8	2.36	97.2
765	11/26/2010 8:46	8.41	45.20	28.99	9.45	7.92	3.8	2.37	97.3
766	11/26/2010 9:01	8.26	44.88	28.75	9.50	7.92	3.9	2.42	97.3
767	11/26/2010 9:16	8.33	45.16	28.96	9.47	7.92	4.1	2.44	97.3
768	11/26/2010 9:31	8.47	45.18	28.98	9.45	7.92	3.8	2.47	97.4
769	11/26/2010 9:46	8.34	45.02	28.86	9.58	7.92	4.0	2.53	98.3
770	11/26/2010 10:01	8.46	45.33	29.09	9.48	7.92	4.0	2.59	97.7
771	11/26/2010 10:16	8.66	45.99	29.57	9.30	7.91	4.4	2.64	96.6
772	11/26/2010 10:31	8.73	46.39	29.86	9.21	7.91	3.7	2.70	96.0
773	11/26/2010 10:46	8.72	46.19	29.72	9.22	7.77	3.8	2.76	96.0
774	11/26/2010 11:01	8.78	46.60	30.01	9.19	7.77	3.9	2.83	96.0
775	11/26/2010 11:16	8.84	46.90	30.23	9.16	7.77	3.7	2.88	95.9
776	11/26/2010 11:31	8.87	47.12	30.39	9.19	7.91	3.4	2.94	96.4
777	11/26/2010 11:46	8.92	47.22	30.47	9.15	7.91	3.4	3.01	96.2
778	11/26/2010 12:01	8.99	47.60	30.74	9.03	7.90	3.4	3.08	95.2
779	11/26/2010 12:16	9.07	47.99	31.03	8.86	7.90	4.0	3.14	93.7
780	11/26/2010 12:31	9.09	48.00	31.04	8.84	7.90	3.9	3.20	93.6
781	11/26/2010 12:46	9.11	48.27	31.24	8.79	7.89	4.2	3.27	93.2
782	11/26/2010 13:01	9.14	48.41	31.33	8.75	7.89	3.5	3.33	92.9
783	11/26/2010 13:16	9.17	48.59	31.47	8.69	7.89	3.3	3.39	92.4
784	11/26/2010 13:31	9.18	48.74	31.58	8.64	7.89	3.1	3.43	92.0
785	11/26/2010 13:46	9.20	48.80	31.62	8.59	7.88	3.1	3.47	91.6
786	11/26/2010 14:01	9.23	49.00	31.76	8.54	7.88	2.9	3.51	91.1
787	11/26/2010 14:16	9.24	48.95	31.73	8.47	7.88	2.5	3.52	90.4
788	11/26/2010 14:31	9.26	49.03	31.79	8.41	7.88	2.0	3.52	89.8
789	11/26/2010 14:46	9.25	48.99	31.76	8.42	7.76	2.7	3.52	89.9
790	11/26/2010 15:01	9.24	49.10	31.84	8.42	7.88	2.8	3.50	89.9
791	11/26/2010 15:16	9.23	48.92	31.71	8.44	7.88	2.9	3.44	90.0
792	11/26/2010 15:31	9.12	48.45	31.36	8.65	7.89	3.8	3.38	91.8
793	11/26/2010 15:46	9.01	47.84	30.91	8.95	7.90	3.2	3.31	94.5
794	11/26/2010 16:01	9.05	48.08	31.09	8.84	7.89	4.8	3.22	93.6

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	
795	11/26/2010 16:16	9.02	47.87	30.94	8.92	7.90	4.8	3.14	94.2
796	11/26/2010 16:31	8.80	47.01	30.31	9.22	7.91	3.8	3.03	96.5
797	11/26/2010 16:46	8.70	46.36	29.84	9.43	7.79	5.2	2.93	98.3
798	11/26/2010 17:01	8.72	46.56	29.98	9.38	7.92	5.3	2.83	97.9
799	11/26/2010 17:16	8.69	46.49	29.93	9.38	7.92	4.1	2.70	97.8
800	11/26/2010 17:31	8.65	46.29	29.78	9.44	7.92	4.2	2.60	98.2
801	11/26/2010 17:46	8.61	46.12	29.66	9.47	7.92	4.7	2.48	98.3
802	11/26/2010 18:01	8.58	45.90	29.50	9.47	7.93	5.7	2.35	98.2
803	11/26/2010 18:16	8.60	46.13	29.67	9.44	7.92	4.9	2.26	98.0
804	11/26/2010 18:31	8.56	45.94	29.53	9.47	7.92	5.7	2.14	98.2
805	11/26/2010 18:46	8.49	45.63	29.30	9.51	7.93	5.6	1.99	98.3
806	11/26/2010 19:01	8.44	45.46	29.18	9.58	7.93	6.9	1.87	98.8
807	11/26/2010 19:16	8.33	44.98	28.83	9.73	7.94	7.6	1.76	99.8
808	11/26/2010 19:31	8.27	44.86	28.74	9.76	7.94	11.4	1.62	100.0
809	11/26/2010 19:46	8.23	44.77	28.67	9.82	7.94	15.1	1.52	100.4
810	11/26/2010 20:01	8.17	44.34	28.36	9.89	7.95	12.1	1.44	100.8
811	11/26/2010 20:16	8.13	44.33	28.35	9.91	7.79	13.6	1.35	100.9
812	11/26/2010 20:31	8.11	44.28	28.32	9.91	7.79	12.5	1.28	100.9
813	11/26/2010 20:46	8.10	44.23	28.28	9.93	7.96	11.6	1.27	101.0
814	11/26/2010 21:01	8.09	44.21	28.27	9.89	7.95	11.3	1.25	100.6
815	11/26/2010 21:16	8.11	44.17	28.24	9.93	7.96	9.3	1.26	101.0
816	11/26/2010 21:31	8.12	44.29	28.33	9.93	7.79	9.4	1.31	101.0
817	11/26/2010 21:46	8.15	44.47	28.46	9.88	7.95	10.6	1.35	100.7
818	11/26/2010 22:01	8.18	44.37	28.39	9.86	7.95	10.0	1.40	100.6
819	11/26/2010 22:16	8.00	43.30	27.62	9.90	7.94	11.7	1.46	100.0
820	11/26/2010 22:31	8.12	44.06	28.16	9.83	7.94	8.2	1.55	99.9
821	11/26/2010 22:46	8.18	44.10	28.20	9.80	7.95	6.8	1.61	99.8
822	11/26/2010 23:01	8.12	43.66	27.88	9.81	7.77	6.9	1.68	99.6
823	11/26/2010 23:16	8.11	43.66	27.88	9.80	7.77	7.6	1.76	99.4
824	11/26/2010 23:31	8.16	43.92	28.07	9.77	7.94	6.6	1.83	99.4
825	11/26/2010 23:46	8.16	43.61	27.85	9.74	7.93	6.3	1.92	99.0
826	11/27/2010 0:01	8.36	44.77	28.68	9.60	7.77	5.3	2.01	98.5
827	11/27/2010 0:16	8.41	45.06	28.89	9.56	7.93	6.0	2.13	98.3
828	11/27/2010 0:31	8.37	44.78	28.69	9.62	7.77	6.2	2.21	98.7
829	11/27/2010 0:46	8.44	45.27	29.05	9.58	7.77	7.1	2.31	98.7
830	11/27/2010 1:01	8.53	45.81	29.43	9.50	7.93	7.9	2.41	98.3
831	11/27/2010 1:16	8.60	46.05	29.61	9.43	7.93	7.7	2.49	97.8
832	11/27/2010 1:31	8.63	46.00	29.58	9.40	7.77	6.8	2.58	97.6
833	11/27/2010 1:46	8.67	46.14	29.68	9.35	7.77	6.8	2.67	97.2
834	11/27/2010 2:01	8.71	46.57	29.99	9.28	7.92	7.8	2.75	96.7
835	11/27/2010 2:16	8.76	46.46	29.91	9.23	7.76	7.9	2.83	96.3
836	11/27/2010 2:31	8.80	47.14	30.40	9.14	7.91	7.4	2.91	95.8
837	11/27/2010 2:46	8.85	47.49	30.65	9.04	7.90	7.0	2.99	95.0
838	11/27/2010 3:01	8.91	48.02	31.04	8.91	7.90	6.8	3.06	93.9
839	11/27/2010 3:16	8.94	47.94	30.98	8.85	7.75	6.2	3.13	93.4
840	11/27/2010 3:31	8.96	48.54	31.41	8.76	7.89	5.7	3.20	92.7
841	11/27/2010 3:46	8.98	48.67	31.51	8.69	7.88	5.2	3.26	92.1
842	11/27/2010 4:01	8.99	48.80	31.60	8.63	7.88	4.5	3.30	91.6
843	11/27/2010 4:16	9.00	48.91	31.69	8.59	7.88	3.9	3.34	91.1
844	11/27/2010 4:31	9.03	49.02	31.76	8.51	7.88	2.8	3.35	90.4
845	11/27/2010 4:46	9.01	48.94	31.71	8.54	7.88	3.6	3.35	90.6
846	11/27/2010 5:01	9.02	49.01	31.76	8.51	7.88	3.8	3.33	90.4
847	11/27/2010 5:16	9.01	48.90	31.68	8.52	7.74	4.0	3.29	90.4

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	
848	11/27/2010 5:31	8.89	48.26	31.21	8.64	7.88	5.3	3.25	91.2
849	11/27/2010 5:46	8.88	48.00	31.02	8.74	7.75	4.8	3.18	92.1
850	11/27/2010 6:01	8.83	47.60	30.73	8.81	7.75	4.9	3.10	92.5
851	11/27/2010 6:16	8.80	47.32	30.53	8.95	7.76	6.5	3.04	93.9
852	11/27/2010 6:31	8.84	47.58	30.72	8.92	7.89	4.8	2.96	93.7
853	11/27/2010 6:46	8.84	47.65	30.77	8.92	7.89	4.3	2.89	93.7
854	11/27/2010 7:01	8.77	47.21	30.44	8.99	7.89	5.2	2.84	94.2
855	11/27/2010 7:16	8.67	46.61	30.01	9.09	7.75	7.6	2.77	94.7
856	11/27/2010 7:31	8.58	46.47	29.91	9.15	7.90	6.8	2.70	95.1
857	11/27/2010 7:46	8.52	45.95	29.53	9.29	7.91	6.7	2.64	96.2
858	11/27/2010 8:01	8.47	45.82	29.44	9.28	7.90	7.8	2.58	95.9
859	11/27/2010 8:16	8.45	45.76	29.39	9.30	7.90	7.8	2.52	96.1
860	11/27/2010 8:31	8.41	45.49	29.20	9.33	7.91	8.8	2.48	96.2
861	11/27/2010 8:46	8.40	45.49	29.20	9.32	7.91	8.8	2.44	96.0
862	11/27/2010 9:01	8.38	45.29	29.05	9.37	7.91	9.5	2.40	96.4
863	11/27/2010 9:16	8.36	45.26	29.03	9.36	7.91	8.2	2.40	96.2
864	11/27/2010 9:31	8.38	45.14	28.95	9.36	7.91	8.4	2.36	96.2
865	11/27/2010 9:46	8.39	45.21	29.00	9.34	7.91	8.2	2.35	96.0
866	11/27/2010 10:01	8.47	45.63	29.30	9.28	7.91	8.0	2.37	95.8
867	11/27/2010 10:16	8.41	45.29	29.05	9.41	7.91	6.3	2.39	96.9
868	11/27/2010 10:31	8.45	45.49	29.20	9.33	7.91	6.3	2.40	96.2
869	11/27/2010 10:46	8.46	45.62	29.29	9.33	7.91	7.3	2.43	96.3
870	11/27/2010 11:01	8.53	45.85	29.46	9.25	7.91	6.6	2.49	95.7
871	11/27/2010 11:16	8.51	45.44	29.17	9.33	7.75	6.5	2.53	96.4
872	11/27/2010 11:31	8.59	46.20	29.72	9.21	7.91	5.6	2.59	95.6
873	11/27/2010 11:46	8.64	46.48	29.92	9.14	7.91	5.5	2.65	95.2
874	11/27/2010 12:01	8.68	46.35	29.83	9.10	7.74	4.6	2.71	94.7
875	11/27/2010 12:16	8.70	46.54	29.97	9.07	7.74	4.8	2.78	94.5
876	11/27/2010 12:31	8.74	47.04	30.32	9.02	7.90	4.5	2.83	94.3
877	11/27/2010 12:46	8.79	47.39	30.58	8.97	7.90	5.4	2.89	94.1
878	11/27/2010 13:01	8.83	47.31	30.52	8.92	7.75	4.3	2.96	93.6
879	11/27/2010 13:16	8.84	47.62	30.75	8.90	7.90	3.5	3.02	93.5
880	11/27/2010 13:31	8.86	47.46	30.63	8.97	7.90	3.2	3.07	94.3
881	11/27/2010 13:46	8.88	47.57	30.71	8.89	7.89	3.1	3.13	93.5
882	11/27/2010 14:01	8.92	48.01	31.03	8.78	7.89	3.0	3.19	92.6
883	11/27/2010 14:16	8.93	48.08	31.09	8.77	7.89	2.8	3.26	92.6
884	11/27/2010 14:31	8.95	48.22	31.18	8.72	7.89	3.1	3.28	92.2
885	11/27/2010 14:46	8.97	48.26	31.21	8.66	7.74	2.7	3.32	91.6
886	11/27/2010 15:01	8.99	48.32	31.26	8.62	7.74	2.7	3.36	91.2
887	11/27/2010 15:16	9.00	48.45	31.35	8.58	7.88	2.2	3.36	90.8
888	11/27/2010 15:31	9.00	48.46	31.36	8.57	7.88	3.1	3.36	90.7
889	11/27/2010 15:46	9.00	48.47	31.36	8.56	7.88	2.7	3.35	90.7
890	11/27/2010 16:01	8.98	48.32	31.25	8.61	7.88	3.1	3.33	91.1
891	11/27/2010 16:16	8.95	47.80	30.88	8.75	7.75	3.5	3.28	92.2
892	11/27/2010 16:31	8.91	47.46	30.64	8.95	7.90	3.4	3.23	94.1
893	11/27/2010 16:46	8.91	47.51	30.67	8.93	7.89	3.6	3.17	94.0
894	11/27/2010 17:01	8.86	47.30	30.52	9.01	7.90	4.8	3.09	94.6
895	11/27/2010 17:16	8.75	46.48	29.93	9.23	7.77	4.8	3.02	96.3
896	11/27/2010 17:31	8.73	46.58	29.99	9.21	7.77	4.6	2.92	96.0
897	11/27/2010 17:46	8.68	46.24	29.75	9.33	7.77	4.5	2.82	97.0
898	11/27/2010 18:01	8.66	46.32	29.81	9.34	7.92	4.8	2.75	97.2
899	11/27/2010 18:16	8.63	46.12	29.66	9.33	7.77	4.5	2.65	96.9
900	11/27/2010 18:31	8.57	45.97	29.55	9.32	7.92	5.1	2.54	96.6

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	11/27/2010 18:46	8.54	45.83	29.45	9.35	7.92	6.2	2.43	96.7
902	11/27/2010 19:01	8.52	45.82	29.44	9.30	7.91	6.1	2.33	96.3
903	11/27/2010 19:16	8.48	45.53	29.23	9.32	7.75	6.5	2.24	96.2
904	11/27/2010 19:31	8.45	45.72	29.36	9.33	7.91	6.9	2.11	96.3
905	11/27/2010 19:46	8.39	45.36	29.10	9.35	7.91	7.0	2.00	96.3
906	11/27/2010 20:01	8.31	44.92	28.79	9.43	7.92	7.7	1.91	96.7
907	11/27/2010 20:16	8.24	44.66	28.60	9.49	7.92	7.1	1.80	97.1
908	11/27/2010 20:31	8.19	44.43	28.43	9.49	7.92	7.2	1.71	96.8
909	11/27/2010 20:46	8.14	44.43	28.43	9.50	7.92	7.4	1.61	96.8
910	11/27/2010 21:01	8.13	44.31	28.34	9.52	7.92	7.3	1.55	97.0
911	11/27/2010 21:16	8.12	44.23	28.28	9.52	7.92	6.8	1.49	96.9
912	11/27/2010 21:31	8.13	44.03	28.15	9.51	7.75	6.9	1.44	96.7
913	11/27/2010 21:46	8.10	44.10	28.19	9.51	7.75	6.8	1.41	96.6
914	11/27/2010 22:01	8.09	44.19	28.25	9.54	7.92	6.6	1.42	96.9
915	11/27/2010 22:16	8.20	44.13	28.22	9.50	7.92	6.6	1.43	96.8
916	11/27/2010 22:31	8.15	44.35	28.37	9.48	7.74	6.2	1.44	96.6
917	11/27/2010 22:46	8.18	44.41	28.41	9.48	7.92	6.3	1.48	96.7
918	11/27/2010 23:01	8.20	44.33	28.36	9.49	7.92	6.2	1.56	96.8
919	11/27/2010 23:16	8.19	44.25	28.30	9.49	7.92	6.6	1.63	96.7
920	11/27/2010 23:31	8.22	44.11	28.20	9.49	7.74	6.0	1.70	96.7
921	11/27/2010 23:46	8.24	43.86	28.03	9.50	7.92	6.0	1.76	96.8
922	11/28/2010 0:01	8.25	43.90	28.06	9.49	7.73	5.9	1.83	96.7
923	11/28/2010 0:16	8.28	44.19	28.26	9.46	7.92	5.9	1.93	96.6
924	11/28/2010 0:31	8.31	44.44	28.45	9.43	7.92	6.0	2.00	96.5
925	11/28/2010 0:46	8.37	44.36	28.39	9.40	7.74	5.6	2.08	96.3
926	11/28/2010 1:01	8.40	44.53	28.52	9.38	7.91	5.3	2.18	96.2
927	11/28/2010 1:16	8.46	45.03	28.87	9.30	7.91	5.4	2.26	95.8
928	11/28/2010 1:31	8.49	45.27	29.04	9.29	7.92	5.2	2.35	95.9
929	11/28/2010 1:46	8.50	45.51	29.22	9.30	7.92	5.3	2.44	96.1
930	11/28/2010 2:01	8.50	45.72	29.37	9.33	7.92	5.7	2.53	96.4
931	11/28/2010 2:16	8.54	45.87	29.48	9.27	7.92	5.7	2.61	96.0
932	11/28/2010 2:31	8.54	45.96	29.54	9.23	7.91	6.0	2.70	95.6
933	11/28/2010 2:46	8.58	46.06	29.62	9.18	7.91	6.5	2.79	95.2
934	11/28/2010 3:01	8.59	46.19	29.71	9.15	7.74	8.5	2.88	95.0
935	11/28/2010 3:16	8.64	46.49	29.93	9.11	7.74	7.1	2.96	94.8
936	11/28/2010 3:31	8.63	46.76	30.12	9.08	7.74	7.0	3.04	94.6
937	11/28/2010 3:46	8.71	46.89	30.21	9.04	7.74	7.0	3.11	94.4
938	11/28/2010 4:01	8.80	47.81	30.88	9.03	7.90	7.6	3.18	94.9
939	11/28/2010 4:16	8.85	47.91	30.95	9.06	7.74	6.5	3.24	95.3
940	11/28/2010 4:31	8.88	48.38	31.29	9.05	7.90	5.7	3.31	95.5
941	11/28/2010 4:46	8.91	48.16	31.14	9.07	7.74	4.9	3.36	95.7
942	11/28/2010 5:01	8.95	48.70	31.53	9.05	7.89	4.5	3.40	95.8
943	11/28/2010 5:16	8.97	48.39	31.31	9.09	7.74	3.7	3.41	96.2
944	11/28/2010 5:31	8.98	48.76	31.58	9.04	7.89	3.7	3.42	95.9
945	11/28/2010 5:46	8.97	48.72	31.55	9.05	7.89	5.1	3.41	95.9
946	11/28/2010 6:01	8.98	48.57	31.44	9.08	7.75	4.0	3.36	96.1
947	11/28/2010 6:16	8.91	48.47	31.36	9.04	7.89	3.9	3.32	95.5
948	11/28/2010 6:31	8.71	47.72	30.81	8.99	7.89	5.4	3.27	94.2
949	11/28/2010 6:46	8.73	47.71	30.81	9.01	7.89	6.1	3.20	94.5
950	11/28/2010 7:01	8.55	46.86	30.18	9.06	7.90	7.4	3.13	94.3
951	11/28/2010 7:16	8.51	46.66	30.04	9.04	7.89	5.2	3.05	93.9
952	11/28/2010 7:31	8.40	46.37	29.82	9.00	7.89	3.7	2.99	93.1
953	11/28/2010 7:46	8.41	46.23	29.73	9.07	7.90	4.0	2.91	93.8

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	
954	11/28/2010 8:01	8.34	45.94	29.51	9.01	7.72	3.7	2.82	92.9
955	11/28/2010 8:16	8.32	45.72	29.36	9.09	7.73	4.9	2.75	93.6
956	11/28/2010 8:31	8.29	45.63	29.29	9.12	7.90	4.0	2.68	93.7
957	11/28/2010 8:46	8.25	45.36	29.09	9.17	7.90	3.9	2.61	94.1
958	11/28/2010 9:01	8.21	45.23	29.00	9.22	7.90	3.9	2.56	94.5
959	11/28/2010 9:16	8.18	45.16	28.95	9.27	7.91	3.9	2.50	94.9
960	11/28/2010 9:31	8.16	45.00	28.83	9.34	7.91	3.8	2.43	95.4
961	11/28/2010 9:46	8.19	45.07	28.88	9.40	7.91	3.8	2.38	96.2
962	11/28/2010 10:01	8.20	44.73	28.64	9.43	7.91	3.9	2.33	96.3
963	11/28/2010 10:16	8.22	44.89	28.76	9.47	7.92	3.7	2.29	96.9
964	11/28/2010 10:31	8.22	44.75	28.66	9.48	7.92	3.7	2.25	96.9
965	11/28/2010 10:46	8.23	44.54	28.51	9.44	7.74	3.4	2.23	96.4
966	11/28/2010 11:01	8.26	44.43	28.44	9.52	7.74	3.5	2.24	97.3
967	11/28/2010 11:16	8.24	44.85	28.73	9.39	7.74	3.4	2.24	96.1
968	11/28/2010 11:31	8.26	44.85	28.73	9.32	7.74	3.6	2.25	95.4
969	11/28/2010 11:46	8.39	44.84	28.74	9.45	7.74	3.4	2.27	97.0
970	11/28/2010 12:01	8.28	45.00	28.84	9.31	7.73	3.7	2.32	95.4
971	11/28/2010 12:16	8.32	44.84	28.73	9.32	7.91	3.8	2.36	95.6
972	11/28/2010 12:31	8.31	44.61	28.56	9.33	7.90	3.8	2.42	95.5
973	11/28/2010 12:46	8.28	44.89	28.76	9.28	7.91	4.2	2.48	95.1
974	11/28/2010 13:01	8.30	44.88	28.75	9.26	7.90	4.0	2.55	94.9
975	11/28/2010 13:16	8.34	44.98	28.83	9.22	7.90	4.2	2.60	94.6
976	11/28/2010 13:31	8.37	45.06	28.89	9.26	7.90	4.0	2.66	95.1
977	11/28/2010 13:46	8.42	45.43	29.16	9.23	7.90	3.9	2.72	95.1
978	11/28/2010 14:01	8.50	45.87	29.48	9.16	7.90	4.0	2.78	94.8
979	11/28/2010 14:16	8.59	45.83	29.45	9.17	7.73	3.7	2.83	95.1
980	11/28/2010 14:31	8.63	46.47	29.91	9.14	7.90	3.6	2.89	95.1
981	11/28/2010 14:46	8.64	46.58	29.99	9.11	7.90	3.7	2.93	94.9
982	11/28/2010 15:01	8.71	46.49	29.93	9.18	7.90	3.4	2.99	95.7
983	11/28/2010 15:16	8.78	46.45	29.90	9.22	7.74	3.3	3.03	96.2
984	11/28/2010 15:31	8.81	46.84	30.18	9.18	7.90	3.2	3.07	96.1
985	11/28/2010 15:46	8.85	46.90	30.23	9.20	7.90	3.1	3.13	96.4
986	11/28/2010 16:01	8.84	47.16	30.42	9.17	7.90	3.0	3.15	96.2
987	11/28/2010 16:16	8.82	47.32	30.53	9.13	7.90	2.9	3.20	95.7
988	11/28/2010 16:31	8.81	47.48	30.64	9.02	7.90	2.5	3.22	94.6
989	11/28/2010 16:46	8.81	47.51	30.66	8.99	7.89	2.8	3.24	94.4
990	11/28/2010 17:01	8.79	47.42	30.60	9.00	7.73	3.2	3.22	94.4
991	11/28/2010 17:16	8.80	47.56	30.70	9.01	7.89	3.1	3.18	94.6
992	11/28/2010 17:31	8.80	47.42	30.60	9.05	7.89	3.1	3.16	94.9
993	11/28/2010 17:46	8.80	46.99	30.29	9.11	7.90	3.5	3.11	95.4
994	11/28/2010 18:01	8.79	46.59	30.01	9.24	7.91	3.7	3.03	96.5
995	11/28/2010 18:16	8.74	46.25	29.76	9.27	7.91	3.7	2.95	96.6
996	11/28/2010 18:31	8.66	45.89	29.50	9.38	7.92	3.7	2.89	97.4
997	11/28/2010 18:46	8.63	45.89	29.49	9.45	7.93	3.5	2.83	98.1
998	11/28/2010 19:01	8.60	45.70	29.36	9.57	7.94	3.7	2.75	99.2
999	11/28/2010 19:16	8.64	45.55	29.26	9.72	7.96	3.7	2.64	100.8
1000	11/28/2010 19:31	8.60	45.21	29.01	9.75	7.79	3.9	2.55	100.8
1001	11/28/2010 19:46	8.51	45.26	29.04	9.57	7.77	4.3	2.47	98.7
1002	11/28/2010 20:01	8.40	45.18	28.98	9.48	7.93	5.2	2.36	97.5
1003	11/28/2010 20:16	8.37	44.84	28.73	9.64	7.77	5.4	2.30	98.9
1004	11/28/2010 20:31	8.35	44.62	28.58	9.81	7.96	4.4	2.20	100.6
1005	11/28/2010 20:46	8.32	44.47	28.46	9.85	7.79	4.5	2.12	100.8
1006	11/28/2010 21:01	8.27	44.43	28.43	9.96	7.97	4.3	1.98	101.8

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	
1007	11/28/2010 21:16	8.22	44.25	28.30	10.01	7.98	4.5	1.93	102.1
1008	11/28/2010 21:31	8.16	44.17	28.24	10.06	7.80	4.4	1.85	102.4
1009	11/28/2010 21:46	8.13	44.14	28.22	10.10	7.80	4.3	1.75	102.8
1010	11/28/2010 22:01	8.10	43.96	28.09	10.14	7.99	4.1	1.72	103.0
1011	11/28/2010 22:16	8.08	43.97	28.10	10.16	7.81	4.0	1.64	103.2
1012	11/28/2010 22:31	8.11	43.91	28.05	10.21	7.81	4.0	1.61	103.8
1013	11/28/2010 22:46	8.02	43.83	27.99	10.21	8.00	3.8	1.58	103.5
1014	11/28/2010 23:01	8.04	43.78	27.96	10.18	7.99	3.7	1.60	103.2
1015	11/28/2010 23:16	8.13	44.15	28.23	10.06	7.98	3.9	1.61	102.3
1016	11/28/2010 23:31	8.21	44.09	28.19	10.01	7.98	4.0	1.63	102.1
1017	11/28/2010 23:46	8.30	44.22	28.29	9.94	7.79	4.0	1.67	101.5
1018	11/29/2010 0:01	8.26	44.27	28.32	9.92	7.97	3.8	1.70	101.3
1019	11/29/2010 0:16	8.28	44.23	28.30	9.90	7.97	3.8	1.78	101.1
1020	11/29/2010 0:31	8.31	43.93	28.08	9.89	7.96	3.7	1.87	101.0
1021	11/29/2010 0:46	8.28	43.95	28.10	9.88	7.96	4.3	1.93	100.8
1022	11/29/2010 1:01	8.29	43.82	28.01	9.85	7.96	4.3	2.01	100.5
1023	11/29/2010 1:16	8.30	44.19	28.27	9.81	7.96	3.9	2.09	100.3
1024	11/29/2010 1:31	8.35	44.22	28.29	9.75	7.76	4.2	2.19	99.7
1025	11/29/2010 1:46	8.41	44.15	28.25	9.58	7.75	4.3	2.27	98.1
1026	11/29/2010 2:01	8.43	44.60	28.57	9.47	7.93	4.4	2.34	97.3
1027	11/29/2010 2:16	8.45	45.11	28.93	9.38	7.93	4.3	2.44	96.6
1028	11/29/2010 2:31	8.45	45.19	28.99	9.39	7.93	4.4	2.54	96.7
1029	11/29/2010 2:46	8.47	45.36	29.11	9.39	7.93	5.1	2.62	96.9
1030	11/29/2010 3:01	8.51	45.55	29.25	9.34	7.92	5.4	2.71	96.5
1031	11/29/2010 3:16	8.51	45.74	29.39	9.33	7.92	4.8	2.80	96.5
1032	11/29/2010 3:31	8.53	45.77	29.41	9.30	7.74	5.9	2.89	96.2
1033	11/29/2010 3:46	8.55	45.91	29.51	9.28	7.74	6.7	2.97	96.1
1034	11/29/2010 4:01	8.57	46.40	29.85	9.27	7.92	6.5	3.06	96.2
1035	11/29/2010 4:16	8.52	46.47	29.91	9.29	7.92	6.4	3.14	96.4
1036	11/29/2010 4:31	8.62	46.77	30.12	9.31	7.74	6.5	3.22	96.9
1037	11/29/2010 4:46	8.73	47.59	30.72	9.34	7.92	7.2	3.29	97.9
1038	11/29/2010 5:01	8.78	47.91	30.95	9.39	7.92	6.1	3.36	98.7
1039	11/29/2010 5:16	8.82	47.98	31.00	9.45	7.92	6.2	3.43	99.5
1040	11/29/2010 5:31	8.87	48.39	31.30	9.50	7.92	5.6	3.48	100.3
1041	11/29/2010 5:46	8.91	48.58	31.44	9.53	7.92	4.6	3.52	100.8
1042	11/29/2010 6:01	8.93	48.60	31.46	9.52	7.92	4.1	3.55	100.7
1043	11/29/2010 6:16	8.95	48.48	31.37	9.49	7.76	3.2	3.57	100.4
1044	11/29/2010 6:31	8.94	48.72	31.54	9.51	7.92	4.0	3.55	100.7
1045	11/29/2010 6:46	8.93	48.60	31.46	9.51	7.92	4.1	3.52	100.6
1046	11/29/2010 7:01	8.86	48.47	31.36	9.49	7.91	4.8	3.47	100.2
1047	11/29/2010 7:16	8.55	47.14	30.38	9.33	7.74	5.1	3.40	97.1
1048	11/29/2010 7:31	8.63	47.43	30.60	9.40	7.74	6.0	3.32	98.2
1049	11/29/2010 7:46	8.36	46.78	30.11	9.35	7.91	6.6	3.24	96.8
1050	11/29/2010 8:01	8.29	46.43	29.86	9.28	7.91	4.6	3.15	95.7
1051	11/29/2010 8:16	8.31	46.34	29.79	9.20	7.90	3.6	3.06	95.0
1052	11/29/2010 8:31	8.30	45.99	29.54	9.25	7.91	3.4	2.97	95.3
1053	11/29/2010 8:46	8.24	45.98	29.53	9.23	7.90	3.5	2.89	95.0
1054	11/29/2010 9:01	8.21	45.68	29.31	9.30	7.91	3.5	2.80	95.5
1055	11/29/2010 9:16	8.23	45.63	29.28	9.38	7.73	3.4	2.72	96.3
1056	11/29/2010 9:31	8.16	44.80	28.69	9.46	7.74	4.0	2.62	96.6
1057	11/29/2010 9:46	8.15	44.80	28.69	9.54	7.74	4.0	2.55	97.4
1058	11/29/2010 10:01	8.10	44.63	28.57	9.68	7.76	3.5	2.47	98.6
1059	11/29/2010 10:16	8.07	44.51	28.48	9.77	7.95	3.4	2.38	99.5

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	
1060	11/29/2010 10:31	8.13	44.33	28.35	9.90	7.77	3.1	2.31	100.8
1061	11/29/2010 10:46	8.15	44.29	28.33	10.02	7.78	3.1	2.22	102.0
1062	11/29/2010 11:01	8.18	44.27	28.32	10.10	7.97	3.0	2.15	103.0
1063	11/29/2010 11:16	8.18	44.20	28.27	10.14	7.98	2.9	2.10	103.4
1064	11/29/2010 11:31	8.18	44.14	28.22	10.13	7.98	2.9	2.05	103.2
1065	11/29/2010 11:46	8.21	44.18	28.26	10.12	7.79	2.9	2.01	103.2
1066	11/29/2010 12:01	8.23	43.88	28.05	10.17	7.98	3.1	2.00	103.6
1067	11/29/2010 12:16	8.21	44.19	28.26	10.10	7.97	2.9	1.99	103.0
1068	11/29/2010 12:31	8.16	44.10	28.20	9.95	7.77	2.8	2.01	101.3
1069	11/29/2010 12:46	8.15	44.32	28.35	9.88	7.96	2.9	2.03	100.6
1070	11/29/2010 13:01	8.26	44.24	28.30	9.94	7.96	2.9	2.08	101.5
1071	11/29/2010 13:16	8.19	44.42	28.42	9.80	7.84	3.2	2.12	100.0
1072	11/29/2010 13:31	8.24	43.97	28.11	9.85	7.95	3.4	2.18	100.4
1073	11/29/2010 13:46	8.17	44.00	28.13	9.77	7.94	3.6	2.23	99.4
1074	11/29/2010 14:01	8.15	43.88	28.04	9.74	7.94	3.3	2.30	99.0
1075	11/29/2010 14:16	8.15	44.04	28.15	9.69	7.75	3.4	2.37	98.5
1076	11/29/2010 14:31	8.15	44.06	28.17	9.63	7.93	3.2	2.42	98.0
1077	11/29/2010 14:46	8.15	44.15	28.23	9.59	7.74	3.4	2.48	97.6
1078	11/29/2010 15:01	8.19	44.26	28.31	9.59	7.74	3.4	2.55	97.8
1079	11/29/2010 15:16	8.25	44.53	28.51	9.53	7.74	3.3	2.61	97.4
1080	11/29/2010 15:31	8.32	45.06	28.88	9.46	7.92	3.4	2.67	97.1
1081	11/29/2010 15:46	8.37	45.60	29.27	9.37	7.92	3.5	2.72	96.5
1082	11/29/2010 16:01	8.38	45.61	29.28	9.37	7.73	3.2	2.78	96.5
1083	11/29/2010 16:16	8.39	45.63	29.29	9.37	7.74	3.2	2.84	96.6
1084	11/29/2010 16:31	8.39	45.88	29.47	9.36	7.92	3.3	2.88	96.5
1085	11/29/2010 16:46	8.42	46.13	29.65	9.34	7.92	3.4	2.93	96.5
1086	11/29/2010 17:01	8.48	46.34	29.81	9.34	7.92	3.5	2.97	96.8
1087	11/29/2010 17:16	8.51	46.53	29.95	9.35	7.92	3.4	3.02	97.0
1088	11/29/2010 17:31	8.53	46.67	30.04	9.34	7.92	3.2	3.05	97.1
1089	11/29/2010 17:46	8.55	46.65	30.03	9.34	7.92	3.4	3.08	97.1
1090	11/29/2010 18:01	8.57	46.51	29.93	9.31	7.74	2.4	3.10	96.7
1091	11/29/2010 18:16	8.57	46.78	30.13	9.28	7.74	2.8	3.10	96.5
1092	11/29/2010 18:31	8.57	46.87	30.19	9.28	7.92	3.1	3.09	96.6
1093	11/29/2010 18:46	8.56	46.47	29.91	9.32	7.74	3.0	3.06	96.8
1094	11/29/2010 19:01	8.53	46.61	30.00	9.30	7.92	3.1	3.02	96.6
1095	11/29/2010 19:16	8.46	46.08	29.62	9.33	7.92	3.3	2.96	96.5
1096	11/29/2010 19:31	8.42	45.75	29.38	9.39	7.93	3.2	2.89	96.9
1097	11/29/2010 19:46	8.35	45.23	29.01	9.58	7.95	3.2	2.81	98.5
1098	11/29/2010 20:01	8.31	45.23	29.00	9.54	7.95	3.2	2.74	97.9
1099	11/29/2010 20:16	8.32	45.19	28.98	9.67	7.95	3.4	2.66	99.3
1100	11/29/2010 20:31	8.27	45.20	28.98	9.64	7.94	3.7	2.57	98.8
1101	11/29/2010 20:46	8.30	44.84	28.73	9.60	7.95	3.8	2.49	98.4
1102	11/29/2010 21:01	8.25	44.90	28.76	9.58	7.94	4.0	2.40	98.0
1103	11/29/2010 21:16	8.14	44.54	28.50	9.51	7.74	4.0	2.32	97.0
1104	11/29/2010 21:31	8.11	44.38	28.39	9.63	7.75	4.0	2.23	98.1
1105	11/29/2010 21:46	8.09	44.23	28.28	9.81	7.96	3.4	2.14	99.8
1106	11/29/2010 22:01	8.07	43.96	28.09	9.98	7.98	3.5	2.06	101.3
1107	11/29/2010 22:16	8.05	43.99	28.11	10.09	7.80	3.4	1.99	102.4
1108	11/29/2010 22:31	8.03	43.94	28.07	10.18	7.81	3.4	1.93	103.2
1109	11/29/2010 22:46	8.02	43.92	28.06	10.16	8.00	3.2	1.85	103.0
1110	11/29/2010 23:01	8.00	43.95	28.08	10.19	8.00	3.1	1.82	103.3
1111	11/29/2010 23:16	8.00	43.88	28.03	10.18	8.00	2.7	1.79	103.2
1112	11/29/2010 23:31	8.01	43.82	27.99	10.16	8.00	2.8	1.76	103.0

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	
1113	11/29/2010 23:46	7.99	43.94	28.07	10.21	8.00	3.0	1.75	103.5
1114	11/30/2010 0:01	8.09	44.03	28.14	10.08	7.99	2.8	1.77	102.4
1115	11/30/2010 0:16	8.07	44.01	28.12	10.04	7.98	3.4	1.80	102.0
1116	11/30/2010 0:31	8.09	44.05	28.16	9.97	7.79	3.0	1.81	101.3
1117	11/30/2010 0:46	8.10	43.91	28.06	9.91	7.78	2.8	1.86	100.7
1118	11/30/2010 1:01	8.07	43.86	28.02	9.90	7.78	2.9	1.93	100.4
1119	11/30/2010 1:16	8.06	43.50	27.76	9.90	7.78	3.3	1.98	100.2
1120	11/30/2010 1:31	8.07	43.67	27.88	9.85	7.77	3.2	2.04	99.8
1121	11/30/2010 1:46	8.07	43.75	27.94	9.81	7.77	3.0	2.12	99.5
1122	11/30/2010 2:01	8.09	43.93	28.07	9.76	7.76	3.1	2.19	99.1
1123	11/30/2010 2:16	8.13	44.06	28.17	9.69	7.76	3.2	2.27	98.6
1124	11/30/2010 2:31	8.15	43.82	28.00	9.63	7.94	3.8	2.36	97.9
1125	11/30/2010 2:46	8.23	44.43	28.43	9.53	7.74	3.5	2.44	97.3
1126	11/30/2010 3:01	8.29	45.20	28.98	9.45	7.93	3.8	2.53	96.9
1127	11/30/2010 3:16	8.29	45.21	28.99	9.46	7.82	3.5	2.61	97.1
1128	11/30/2010 3:31	8.30	45.22	29.00	9.47	7.93	3.8	2.70	97.3
1129	11/30/2010 3:46	8.34	45.52	29.21	9.46	7.93	4.2	2.78	97.3
1130	11/30/2010 4:01	8.38	45.29	29.05	9.46	7.74	4.6	2.86	97.3
1131	11/30/2010 4:16	8.45	45.92	29.50	9.40	7.74	4.6	2.95	97.2
1132	11/30/2010 4:31	8.52	46.32	29.79	9.38	7.92	5.7	3.03	97.3
1133	11/30/2010 4:46	8.55	46.55	29.96	9.39	7.92	7.4	3.12	97.5
1134	11/30/2010 5:01	8.61	46.94	30.25	9.40	7.92	7.3	3.21	97.9
1135	11/30/2010 5:16	8.69	47.38	30.56	9.38	7.92	7.0	3.30	98.2
1136	11/30/2010 5:31	8.82	47.96	30.99	9.33	7.92	6.7	3.38	98.2
1137	11/30/2010 5:46	8.92	48.37	31.29	9.30	7.92	6.3	3.46	98.2
1138	11/30/2010 6:01	8.96	48.65	31.49	9.28	7.92	5.7	3.54	98.2
1139	11/30/2010 6:16	8.97	48.71	31.54	9.27	7.92	4.5	3.59	98.2
1140	11/30/2010 6:31	9.01	48.84	31.63	9.28	7.93	3.7	3.64	98.5
1141	11/30/2010 6:46	9.02	48.92	31.69	9.26	7.93	3.8	3.67	98.3
1142	11/30/2010 7:01	9.06	48.99	31.75	9.25	7.93	3.1	3.69	98.4
1143	11/30/2010 7:16	9.04	48.99	31.75	9.24	7.93	3.3	3.68	98.2
1144	11/30/2010 7:31	8.98	48.65	31.50	9.24	7.92	3.4	3.66	97.9
1145	11/30/2010 7:46	8.68	47.76	30.83	9.35	7.92	4.2	3.60	97.9
1146	11/30/2010 8:01	8.64	47.51	30.65	9.37	7.92	3.9	3.54	98.0
1147	11/30/2010 8:16	8.73	47.80	30.87	9.32	7.91	4.1	3.46	97.8
1148	11/30/2010 8:31	8.53	46.79	30.13	9.40	7.92	5.3	3.37	97.7
1149	11/30/2010 8:46	8.42	46.42	29.86	9.46	7.92	4.6	3.26	97.9
1150	11/30/2010 9:01	8.42	46.07	29.61	9.47	7.91	4.1	3.16	97.9
1151	11/30/2010 9:16	8.46	46.49	29.91	9.46	7.92	3.8	3.07	98.0
1152	11/30/2010 9:31	8.42	46.18	29.69	9.51	7.92	3.6	2.96	98.3
1153	11/30/2010 9:46	8.40	46.01	29.57	9.56	7.74	3.4	2.86	98.7
1154	11/30/2010 10:01	8.27	45.33	29.07	9.65	7.93	4.6	2.76	99.1
1155	11/30/2010 10:16	8.21	44.79	28.69	9.74	7.94	4.6	2.68	99.6
1156	11/30/2010 10:31	8.20	44.82	28.71	9.78	7.95	4.5	2.56	99.9
1157	11/30/2010 10:46	8.23	44.78	28.68	9.84	7.95	5.6	2.46	100.6
1158	11/30/2010 11:01	8.25	44.84	28.72	9.92	7.77	5.8	2.36	101.5
1159	11/30/2010 11:16	8.20	44.45	28.45	10.00	7.97	4.9	2.27	102.0
1160	11/30/2010 11:31	8.22	44.49	28.47	10.08	7.97	5.0	2.16	103.0
1161	11/30/2010 11:46	8.22	44.40	28.41	10.15	7.98	4.5	2.07	103.6
1162	11/30/2010 12:01	8.20	44.30	28.34	10.23	7.99	4.2	1.99	104.4
1163	11/30/2010 12:16	8.19	43.96	28.10	10.30	8.00	3.7	1.90	104.8
1164	11/30/2010 12:31	8.17	43.93	28.07	10.32	7.81	3.5	1.84	105.0
1165	11/30/2010 12:46	8.15	43.89	28.05	10.33	7.82	4.1	1.79	105.1

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	
1166	11/30/2010 13:01	8.14	43.74	27.94	10.30	7.82	3.8	1.75	104.6
1167	11/30/2010 13:16	8.16	44.00	28.12	10.30	8.01	4.7	1.74	104.8
1168	11/30/2010 13:31	8.18	44.10	28.20	10.30	7.89	4.7	1.74	104.9
1169	11/30/2010 13:46	8.20	44.23	28.29	10.24	7.88	4.2	1.76	104.4
1170	11/30/2010 14:01	8.20	44.14	28.23	10.10	7.98	3.8	1.80	102.9
1171	11/30/2010 14:16	8.21	44.21	28.28	10.11	7.79	4.0	1.86	103.1
1172	11/30/2010 14:31	8.21	44.18	28.26	10.06	7.98	4.2	1.92	102.5
1173	11/30/2010 14:46	8.20	44.05	28.17	10.01	7.78	3.9	1.99	101.9
1174	11/30/2010 15:01	8.20	44.01	28.13	10.01	7.97	4.5	2.06	101.9
1175	11/30/2010 15:16	8.21	44.12	28.22	9.96	7.97	4.0	2.12	101.5
1176	11/30/2010 15:31	8.21	44.20	28.27	9.92	7.96	3.9	2.20	101.2
1177	11/30/2010 15:46	8.22	44.18	28.25	9.80	7.95	4.0	2.27	99.9
1178	11/30/2010 16:01	8.26	44.36	28.39	9.72	7.75	3.8	2.33	99.3
1179	11/30/2010 16:16	8.30	44.89	28.76	9.66	7.94	3.8	2.41	99.0
1180	11/30/2010 16:31	8.32	44.93	28.80	9.65	7.75	3.7	2.47	99.0
1181	11/30/2010 16:46	8.31	44.92	28.79	9.66	7.94	4.0	2.54	99.1
1182	11/30/2010 17:01	8.32	45.25	29.02	9.66	7.94	4.0	2.60	99.2
1183	11/30/2010 17:16	8.34	45.46	29.17	9.60	7.93	4.3	2.67	98.7
1184	11/30/2010 17:31	8.37	45.56	29.25	9.57	7.93	4.0	2.72	98.6
1185	11/30/2010 17:46	8.41	45.95	29.52	9.52	7.93	4.1	2.78	98.3
1186	11/30/2010 18:01	8.45	45.92	29.50	9.52	7.93	4.0	2.83	98.4
1187	11/30/2010 18:16	8.48	46.29	29.77	9.49	7.93	4.1	2.89	98.3
1188	11/30/2010 18:31	8.51	46.18	29.69	9.49	7.93	3.8	2.95	98.3
1189	11/30/2010 18:46	8.55	46.53	29.95	9.46	7.92	3.6	2.98	98.3
1190	11/30/2010 19:01	8.57	46.61	30.01	9.44	7.92	3.5	3.02	98.2
1191	11/30/2010 19:16	8.60	46.58	29.99	9.45	7.74	3.3	3.07	98.3
1192	11/30/2010 19:31	8.62	46.85	30.18	9.40	7.93	3.2	3.06	98.0
1193	11/30/2010 19:46	8.61	46.88	30.20	9.34	7.92	2.9	3.08	97.3
1194	11/30/2010 20:01	8.61	46.76	30.11	9.36	7.92	2.9	3.07	97.5
1195	11/30/2010 20:16	8.60	46.83	30.16	9.35	7.92	2.9	3.04	97.4
1196	11/30/2010 20:31	8.59	46.71	30.08	9.39	7.92	3.5	3.00	97.7
1197	11/30/2010 20:46	8.45	45.98	29.55	9.46	7.74	3.8	2.94	97.8
1198	11/30/2010 21:01	8.41	46.12	29.64	9.46	7.92	4.5	2.88	97.8
1199	11/30/2010 21:16	8.40	46.03	29.58	9.48	7.81	4.5	2.81	97.9
1200	11/30/2010 21:31	8.42	46.09	29.62	9.44	7.92	4.2	2.72	97.6
1201	11/30/2010 21:46	8.37	45.89	29.48	9.44	7.92	4.1	2.64	97.4
1202	11/30/2010 22:01	8.32	45.38	29.11	9.49	7.74	4.2	2.57	97.5
1203	11/30/2010 22:16	8.30	45.12	28.93	9.54	7.75	4.8	2.50	97.9
1204	11/30/2010 22:31	8.28	45.08	28.90	9.62	7.95	5.1	2.41	98.6
1205	11/30/2010 22:46	8.25	44.57	28.53	9.60	7.94	5.5	2.33	98.1
1206	11/30/2010 23:01	8.22	44.54	28.51	9.67	7.76	5.2	2.26	98.8
1207	11/30/2010 23:16	8.19	44.39	28.40	9.74	7.77	5.7	2.18	99.3
1208	11/30/2010 23:31	8.17	44.08	28.18	9.82	7.97	5.8	2.13	99.9
1209	11/30/2010 23:46	8.16	43.94	28.08	9.85	7.97	6.0	2.06	100.2
1210	12/1/2010 0:01	8.15	43.82	28.00	9.89	7.97	5.2	2.00	100.6
1211	12/1/2010 0:16	8.15	43.87	28.03	9.88	7.98	5.3	1.99	100.5
1212	12/1/2010 0:31	8.15	43.66	27.88	9.87	7.98	4.6	1.96	100.2
1213	12/1/2010 0:46	8.17	43.85	28.02	9.84	7.78	4.9	1.95	100.1
1214	12/1/2010 1:01	8.17	43.63	27.86	9.91	7.78	5.1	1.95	100.6
1215	12/1/2010 1:16	8.18	44.00	28.12	9.85	7.78	5.4	1.98	100.3
1216	12/1/2010 1:31	8.19	44.17	28.24	9.83	7.97	5.2	2.01	100.2
1217	12/1/2010 1:46	8.20	44.13	28.22	9.81	7.96	4.6	2.04	100.0
1218	12/1/2010 2:01	8.21	44.40	28.41	9.77	7.95	4.5	2.10	99.7

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	
1219	12/1/2010 2:16	8.21	44.04	28.15	9.74	7.94	5.3	2.18	99.2
1220	12/1/2010 2:31	8.21	43.86	28.03	9.73	7.94	5.0	2.25	99.0
1221	12/1/2010 2:46	8.27	44.50	28.49	9.61	7.74	4.6	2.32	98.3
1222	12/1/2010 3:01	8.30	44.93	28.80	9.55	7.93	4.1	2.40	97.9
1223	12/1/2010 3:16	8.31	44.86	28.74	9.58	7.93	4.3	2.47	98.2
1224	12/1/2010 3:31	8.37	45.50	29.20	9.49	7.92	4.2	2.56	97.7
1225	12/1/2010 3:46	8.37	45.43	29.15	9.53	7.74	3.8	2.63	98.1
1226	12/1/2010 4:01	8.39	45.61	29.28	9.51	7.74	4.3	2.72	98.0
1227	12/1/2010 4:16	8.44	46.03	29.58	9.56	7.93	4.5	2.79	98.8
1228	12/1/2010 4:31	8.50	46.39	29.85	9.42	7.92	5.7	2.88	97.7
1229	12/1/2010 4:46	8.56	46.57	29.98	9.41	7.92	6.7	2.97	97.8
1230	12/1/2010 5:01	8.61	46.77	30.12	9.38	7.92	6.1	3.05	97.7
1231	12/1/2010 5:16	8.65	47.00	30.29	9.37	7.92	6.1	3.14	97.7
1232	12/1/2010 5:31	8.74	47.37	30.56	9.35	7.92	7.9	3.24	97.9
1233	12/1/2010 5:46	8.83	47.61	30.74	9.36	7.75	7.9	3.33	98.3
1234	12/1/2010 6:01	8.89	48.08	31.08	9.34	7.93	6.7	3.43	98.5
1235	12/1/2010 6:16	8.98	48.03	31.05	9.35	7.76	6.3	3.52	98.7
1236	12/1/2010 6:31	9.03	48.55	31.43	9.32	7.77	6.0	3.60	98.8
1237	12/1/2010 6:46	9.09	48.84	31.64	9.31	7.95	5.3	3.66	99.0
1238	12/1/2010 7:01	9.12	48.80	31.61	9.31	7.95	4.7	3.73	99.0
1239	12/1/2010 7:16	9.15	49.08	31.82	9.30	7.95	4.1	3.78	99.1
1240	12/1/2010 7:31	9.18	48.88	31.67	9.32	7.95	3.6	3.82	99.3
1241	12/1/2010 7:46	9.19	49.13	31.86	9.30	7.95	3.1	3.84	99.2
1242	12/1/2010 8:01	9.12	48.80	31.61	9.29	7.94	3.7	3.84	98.8
1243	12/1/2010 8:16	9.17	49.07	31.81	9.27	7.95	3.5	3.83	98.9
1244	12/1/2010 8:31	9.19	49.02	31.78	9.31	7.95	3.8	3.79	99.3
1245	12/1/2010 8:46	9.00	47.91	30.97	9.32	7.93	4.4	3.71	98.5
1246	12/1/2010 9:01	9.00	47.85	30.92	9.37	7.93	4.4	3.63	99.0
1247	12/1/2010 9:16	8.97	47.76	30.86	9.38	7.93	4.5	3.54	98.9
1248	12/1/2010 9:31	8.95	47.60	30.74	9.37	7.76	6.4	3.43	98.7
1249	12/1/2010 9:46	8.79	46.74	30.11	9.43	7.92	4.9	3.32	98.6
1250	12/1/2010 10:01	8.78	46.36	29.84	9.45	7.75	4.4	3.21	98.6
1251	12/1/2010 10:16	8.81	46.70	30.09	9.47	7.93	4.0	3.09	99.0
1252	12/1/2010 10:31	8.84	46.62	30.03	9.50	7.93	3.8	2.97	99.4
1253	12/1/2010 10:46	8.71	45.55	29.26	9.57	7.93	5.3	2.87	99.3
1254	12/1/2010 11:01	8.87	45.93	29.54	9.61	7.76	4.3	2.74	100.3
1255	12/1/2010 11:16	8.81	46.05	29.62	9.64	7.94	4.3	2.62	100.5
1256	12/1/2010 11:31	8.80	45.82	29.46	9.66	7.94	4.6	2.49	100.6
1257	12/1/2010 11:46	8.86	45.97	29.57	9.72	7.95	6.0	2.38	101.4
1258	12/1/2010 12:01	8.70	44.92	28.81	9.75	7.77	6.2	2.27	100.9
1259	12/1/2010 12:16	8.85	45.79	29.44	9.78	7.96	6.2	2.13	102.0
1260	12/1/2010 12:31	8.80	45.43	29.18	9.90	7.97	6.0	2.00	102.9
1261	12/1/2010 12:46	8.77	45.05	28.91	9.93	7.97	6.3	1.90	102.9
1262	12/1/2010 13:01	8.77	44.93	28.83	9.95	7.98	6.0	1.78	103.1
1263	12/1/2010 13:16	8.77	44.66	28.63	9.99	7.98	5.9	1.68	103.4
1264	12/1/2010 13:31	8.78	44.34	28.40	10.00	7.98	5.7	1.61	103.4
1265	12/1/2010 13:46	8.77	44.16	28.28	10.02	7.80	5.5	1.55	103.5
1266	12/1/2010 14:01	8.74	44.12	28.25	9.99	7.99	5.9	1.51	103.0
1267	12/1/2010 14:16	8.74	44.12	28.25	9.97	7.98	5.2	1.45	102.9
1268	12/1/2010 14:31	8.78	44.07	28.22	10.01	7.80	5.4	1.46	103.3
1269	12/1/2010 14:46	8.75	44.34	28.41	9.99	7.98	5.3	1.51	103.2
1270	12/1/2010 15:01	8.72	44.42	28.46	9.94	7.98	5.2	1.54	102.6
1271	12/1/2010 15:16	8.71	44.44	28.47	9.91	7.97	4.9	1.60	102.4

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	
1272	12/1/2010 15:31	8.72	44.29	28.37	9.91	7.79	4.8	1.69	102.3
1273	12/1/2010 15:46	8.72	44.21	28.31	9.88	7.78	5.0	1.78	101.9
1274	12/1/2010 16:01	8.74	44.19	28.30	9.86	7.97	5.1	1.84	101.7
1275	12/1/2010 16:16	8.77	43.69	27.95	9.86	7.78	4.9	1.93	101.6
1276	12/1/2010 16:31	8.74	44.25	28.34	9.81	7.96	5.0	2.00	101.3
1277	12/1/2010 16:46	8.72	44.40	28.45	9.78	7.96	5.0	2.09	101.0
1278	12/1/2010 17:01	8.73	44.68	28.65	9.72	7.95	4.8	2.16	100.6
1279	12/1/2010 17:16	8.74	44.83	28.75	9.69	7.95	4.8	2.25	100.3
1280	12/1/2010 17:31	8.75	44.85	28.77	9.66	7.94	4.7	2.31	100.0
1281	12/1/2010 17:46	8.75	45.02	28.89	9.61	7.94	5.1	2.40	99.6
1282	12/1/2010 18:01	8.72	45.20	29.01	9.59	7.93	5.6	2.48	99.3
1283	12/1/2010 18:16	8.71	45.41	29.16	9.55	7.93	6.0	2.55	99.0
1284	12/1/2010 18:31	8.73	45.38	29.14	9.52	7.93	5.7	2.62	98.8
1285	12/1/2010 18:46	8.75	45.66	29.34	9.47	7.92	5.7	2.69	98.4
1286	12/1/2010 19:01	8.77	45.78	29.43	9.42	7.92	5.9	2.75	98.0
1287	12/1/2010 19:16	8.79	45.84	29.47	9.41	7.92	5.6	2.81	97.9
1288	12/1/2010 19:31	8.82	46.11	29.67	9.39	7.92	5.4	2.88	98.0
1289	12/1/2010 19:46	8.84	45.82	29.46	9.40	7.73	5.5	2.94	98.0
1290	12/1/2010 20:01	8.86	46.38	29.87	9.39	7.92	4.9	2.99	98.1
1291	12/1/2010 20:16	8.88	46.40	29.88	9.37	7.92	4.5	3.03	98.1
1292	12/1/2010 20:31	8.90	46.63	30.05	9.35	7.92	4.7	3.08	97.9
1293	12/1/2010 20:46	8.94	46.88	30.23	9.34	7.92	4.8	3.09	98.0
1294	12/1/2010 21:01	8.97	47.01	30.32	9.31	7.93	3.8	3.09	97.8
1295	12/1/2010 21:16	8.96	47.02	30.32	9.28	7.92	3.9	3.10	97.5
1296	12/1/2010 21:31	8.95	46.92	30.25	9.30	7.92	4.2	3.07	97.7
1297	12/1/2010 21:46	8.91	46.70	30.09	9.33	7.92	5.1	3.01	97.8
1298	12/1/2010 22:01	8.89	46.40	29.88	9.30	7.92	6.2	2.99	97.3
1299	12/1/2010 22:16	8.84	45.84	29.48	9.34	7.92	5.4	2.91	97.3
1300	12/1/2010 22:31	8.83	45.84	29.48	9.32	7.92	5.5	2.84	97.1
1301	12/1/2010 22:46	8.82	45.78	29.43	9.33	7.92	5.3	2.77	97.1
1302	12/1/2010 23:01	8.82	45.64	29.34	9.34	7.92	5.1	2.67	97.2
1303	12/1/2010 23:16	8.82	45.43	29.18	9.35	7.74	4.9	2.62	97.3
1304	12/1/2010 23:31	8.85	45.50	29.23	9.31	7.92	4.8	2.54	96.9
1305	12/1/2010 23:46	8.85	45.43	29.18	9.29	7.91	4.8	2.47	96.6
1306	12/2/2010 0:01	8.83	45.21	29.03	9.31	7.91	5.4	2.41	96.8
1307	12/2/2010 0:16	8.80	44.91	28.81	9.35	7.92	4.8	2.33	97.0
1308	12/2/2010 0:31	8.80	44.87	28.78	9.40	7.92	4.9	2.29	97.4
1309	12/2/2010 0:46	8.78	44.62	28.60	9.44	7.93	4.0	2.22	97.7
1310	12/2/2010 1:01	8.80	44.39	28.45	9.43	7.74	4.0	2.17	97.5
1311	12/2/2010 1:16	8.80	44.37	28.43	9.42	7.93	4.0	2.13	97.4
1312	12/2/2010 1:31	8.81	44.49	28.52	9.37	7.93	3.8	2.12	97.0
1313	12/2/2010 1:46	8.80	44.35	28.42	9.40	7.93	3.7	2.07	97.3
1314	12/2/2010 2:01	8.81	44.34	28.41	9.40	7.74	3.8	2.10	97.3
1315	12/2/2010 2:16	8.78	44.56	28.57	9.43	7.93	4.2	2.11	97.6
1316	12/2/2010 2:31	8.80	44.60	28.59	9.39	7.92	4.2	2.14	97.2
1317	12/2/2010 2:46	8.80	44.60	28.59	9.38	7.92	4.5	2.19	97.2
1318	12/2/2010 3:01	8.80	44.65	28.63	9.39	7.92	4.6	2.24	97.2
1319	12/2/2010 3:16	8.83	44.45	28.49	9.42	7.92	4.9	2.32	97.5
1320	12/2/2010 3:31	8.81	44.73	28.69	9.40	7.92	4.4	2.40	97.5
1321	12/2/2010 3:46	8.81	44.56	28.57	9.41	7.73	4.6	2.46	97.4
1322	12/2/2010 4:01	8.81	45.04	28.90	9.37	7.92	5.0	2.54	97.3
1323	12/2/2010 4:16	8.84	44.90	28.81	9.35	7.73	4.5	2.61	97.0
1324	12/2/2010 4:31	8.84	45.37	29.15	9.32	7.92	5.1	2.71	97.0

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	
1325	12/2/2010 4:46	8.85	45.82	29.46	9.31	7.92	5.7	2.79	97.1
1326	12/2/2010 5:01	8.89	46.10	29.67	9.31	7.92	5.9	2.88	97.3
1327	12/2/2010 5:16	8.93	46.53	29.97	9.30	7.92	6.0	2.96	97.5
1328	12/2/2010 5:31	8.97	46.82	30.18	9.31	7.92	6.6	3.06	97.8
1329	12/2/2010 5:46	9.03	46.95	30.28	9.33	7.92	8.5	3.15	98.2
1330	12/2/2010 6:01	9.06	47.16	30.44	9.32	7.92	7.8	3.25	98.2
1331	12/2/2010 6:16	9.12	47.27	30.52	9.34	7.74	7.7	3.36	98.7
1332	12/2/2010 6:31	9.20	47.87	30.95	9.34	7.93	8.5	3.46	99.0
1333	12/2/2010 6:46	9.24	48.04	31.08	9.34	7.93	6.9	3.53	99.2
1334	12/2/2010 7:01	9.30	48.23	31.22	9.33	7.93	7.8	3.63	99.4
1335	12/2/2010 7:16	9.36	48.52	31.43	9.33	7.93	6.8	3.72	99.7
1336	12/2/2010 7:31	9.39	48.55	31.45	9.33	7.75	6.0	3.77	99.8
1337	12/2/2010 7:46	9.40	48.75	31.60	9.32	7.93	5.1	3.85	99.7
1338	12/2/2010 8:01	9.42	48.69	31.55	9.32	7.92	5.1	3.91	99.7
1339	12/2/2010 8:16	9.44	48.80	31.64	9.29	7.75	4.2	3.92	99.6
1340	12/2/2010 8:31	9.46	48.84	31.67	9.26	7.92	4.2	3.97	99.2
	Mean	9.37	46.70	30.13	9.27	7.89	6.0	2.61	98.2
	Minimum	7.99	42.80	27.33	8.15	7.72	2.00	0.97	89.80
	Maximum	12.15	50.29	32.76	10.34	8.08	32.50	3.97	106.00

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		DO Conc		Turbidity+ NTU	Depth meters	DO%
			mS/cm	Salinity ppt	mg/L	pH			
0	12/2/2010 9:01	9.48	48.99	31.78	9.07	7.98	4.8	3.92	97.3
1	12/2/2010 9:16	9.47	48.96	31.75	9.08	7.99	4.9	3.87	97.4
2	12/2/2010 9:31	9.35	48.32	31.29	9.11	7.98	5.2	3.81	97.2
3	12/2/2010 9:46	9.37	48.41	31.35	9.12	7.99	5.1	3.72	97.3
4	12/2/2010 10:01	9.26	47.76	30.88	9.15	7.99	5.0	3.61	97.1
5	12/2/2010 10:16	9.19	47.35	30.58	9.12	7.98	4.6	3.50	96.5
6	12/2/2010 10:31	9.08	46.66	30.08	9.10	7.98	6.9	3.38	95.7
7	12/2/2010 10:46	9.08	46.65	30.07	9.11	7.98	5.4	3.27	95.9
8	12/2/2010 11:01	9.08	46.66	30.08	9.10	7.98	5.6	3.12	95.8
9	12/2/2010 11:16	9.09	46.72	30.12	9.11	7.98	4.7	3.01	95.9
10	12/2/2010 11:31	9.08	46.54	29.99	9.12	7.99	4.3	2.89	95.9
11	12/2/2010 11:46	9.03	46.10	29.68	9.15	7.98	5.0	2.74	95.9
12	12/2/2010 12:01	9.03	46.13	29.70	9.16	7.99	5.0	2.60	96.1
13	12/2/2010 12:16	9.01	45.80	29.46	9.21	7.98	5.9	2.47	96.4
14	12/2/2010 12:31	9.00	45.71	29.39	9.21	7.99	6.3	2.34	96.3
15	12/2/2010 12:46	9.01	45.59	29.31	9.25	8.00	6.3	2.23	96.7
16	12/2/2010 13:01	9.01	45.40	29.18	9.34	8.00	6.0	2.08	97.6
17	12/2/2010 13:16	8.99	44.94	28.85	9.42	8.00	7.0	1.93	98.1
18	12/2/2010 13:31	9.00	44.78	28.73	9.44	8.01	6.9	1.80	98.3
19	12/2/2010 13:46	9.02	44.66	28.65	9.48	8.01	6.5	1.64	98.7
20	12/2/2010 14:01	8.98	44.33	28.41	9.43	8.00	7.2	1.53	98.0
21	12/2/2010 14:16	8.97	44.12	28.27	9.44	8.00	6.8	1.43	97.9
22	12/2/2010 14:31	8.96	43.91	28.12	9.45	8.00	5.8	1.34	97.9
23	12/2/2010 14:46	8.99	43.77	28.02	9.45	8.00	5.8	1.25	97.9
24	12/2/2010 15:01	8.98	43.65	27.93	9.42	8.01	5.7	1.21	97.6
25	12/2/2010 15:16	9.01	43.56	27.87	9.47	8.01	5.2	1.18	98.0
26	12/2/2010 15:31	9.00	43.70	27.97	9.49	8.00	5.2	1.24	98.3
27	12/2/2010 15:46	8.99	43.71	27.98	9.49	8.00	5.0	1.29	98.3
28	12/2/2010 16:01	8.98	43.76	28.01	9.47	8.00	4.8	1.33	98.1
29	12/2/2010 16:16	8.97	43.80	28.04	9.46	8.00	4.7	1.38	98.0
30	12/2/2010 16:31	9.02	42.62	27.21	9.44	7.99	5.7	1.49	97.4
31	12/2/2010 16:46	9.01	42.87	27.38	9.41	7.98	5.5	1.57	97.1
32	12/2/2010 17:01	9.00	43.04	27.50	9.39	7.98	5.5	1.67	96.9
33	12/2/2010 17:16	8.99	43.09	27.54	9.37	7.98	5.6	1.75	96.8
34	12/2/2010 17:31	8.99	43.09	27.54	9.35	7.99	5.4	1.83	96.6
35	12/2/2010 17:46	8.98	43.32	27.70	9.34	7.98	5.1	1.91	96.6
36	12/2/2010 18:01	8.98	43.69	27.96	9.28	7.97	5.6	2.04	96.1
37	12/2/2010 18:16	8.99	44.02	28.20	9.22	7.97	5.6	2.12	95.7
38	12/2/2010 18:31	8.98	44.40	28.47	9.18	7.97	6.0	2.20	95.3
39	12/2/2010 18:46	8.97	44.57	28.58	9.15	7.97	6.3	2.30	95.1
40	12/2/2010 19:01	8.99	44.19	28.32	9.17	7.96	5.6	2.39	95.2
41	12/2/2010 19:16	8.98	44.91	28.82	9.13	7.96	6.4	2.50	95.0
42	12/2/2010 19:31	8.99	45.08	28.95	9.11	7.96	6.2	2.56	95.0
43	12/2/2010 19:46	9.01	45.35	29.14	9.09	7.96	6.3	2.65	94.9
44	12/2/2010 20:01	9.01	45.36	29.15	9.08	7.96	6.7	2.71	94.8
45	12/2/2010 20:16	9.04	45.53	29.27	9.10	7.96	7.6	2.78	95.1
46	12/2/2010 20:31	9.06	45.74	29.42	9.10	7.96	7.5	2.85	95.3
47	12/2/2010 20:46	9.07	45.88	29.52	9.13	7.96	7.1	2.93	95.7
48	12/2/2010 21:01	9.11	46.20	29.75	9.13	7.96	7.0	2.99	95.9
49	12/2/2010 21:16	9.16	46.65	30.07	9.15	7.97	7.6	3.02	96.4
50	12/2/2010 21:31	9.21	47.07	30.38	9.19	7.97	6.7	3.11	97.2
51	12/2/2010 21:46	9.24	47.29	30.54	9.22	7.97	6.1	3.12	97.6
52	12/2/2010 22:01	9.27	47.46	30.66	9.16	7.97	5.8	3.15	97.1
53	12/2/2010 22:16	9.30	47.55	30.73	9.16	7.97	4.3	3.16	97.2
54	12/2/2010 22:31	9.31	47.75	30.87	9.18	7.97	5.4	3.12	97.6
55	12/2/2010 22:46	9.29	47.62	30.78	9.20	7.97	5.2	3.10	97.7

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			
56	12/2/2010 23:01	9.18	47.01	30.34	9.15	7.96	5.5	3.04	96.6
57	12/2/2010 23:16	9.09	46.36	29.87	9.09	7.96	6.9	2.98	95.5
58	12/2/2010 23:31	9.04	45.83	29.48	9.05	7.96	6.8	2.93	94.7
59	12/2/2010 23:46	8.90	45.41	29.17	8.96	7.96	7.2	2.85	93.4
60	12/3/2010 0:01	8.80	45.33	29.11	8.94	7.95	5.5	2.76	92.9
61	12/3/2010 0:16	8.82	45.13	28.97	8.95	7.95	5.4	2.68	92.9
62	12/3/2010 0:31	8.84	44.88	28.80	8.95	7.95	5.6	2.62	92.9
63	12/3/2010 0:46	8.77	44.78	28.72	8.93	7.95	5.3	2.54	92.5
64	12/3/2010 1:01	8.74	44.56	28.56	8.95	7.94	5.1	2.47	92.5
65	12/3/2010 1:16	8.70	44.37	28.43	8.92	7.94	5.6	2.40	92.1
66	12/3/2010 1:31	8.73	44.05	28.20	8.96	7.94	4.9	2.34	92.4
67	12/3/2010 1:46	8.69	43.83	28.04	8.95	7.95	4.8	2.29	92.2
68	12/3/2010 2:01	8.71	43.78	28.01	8.96	7.95	4.5	2.25	92.3
69	12/3/2010 2:16	8.67	43.70	27.95	8.94	7.94	4.3	2.21	91.9
70	12/3/2010 2:31	8.68	43.66	27.92	8.96	7.94	4.2	2.17	92.2
71	12/3/2010 2:46	8.82	44.08	28.22	8.93	7.94	4.3	2.17	92.3
72	12/3/2010 3:01	8.82	44.16	28.29	8.97	7.94	4.3	2.17	92.8
73	12/3/2010 3:16	8.76	44.14	28.27	8.94	7.94	4.5	2.18	92.3
74	12/3/2010 3:31	8.64	43.85	28.05	8.99	7.95	4.3	2.22	92.4
75	12/3/2010 3:46	8.70	44.06	28.20	8.97	7.94	4.3	2.25	92.4
76	12/3/2010 4:01	8.67	43.93	28.11	8.98	7.94	4.6	2.33	92.4
77	12/3/2010 4:16	8.74	43.93	28.11	8.98	7.94	5.7	2.38	92.6
78	12/3/2010 4:31	8.78	44.18	28.29	8.97	7.94	5.8	2.47	92.7
79	12/3/2010 4:46	8.83	44.22	28.32	8.97	7.94	5.6	2.55	92.8
80	12/3/2010 5:01	8.87	44.54	28.56	9.00	7.94	5.7	2.64	93.3
81	12/3/2010 5:16	8.95	45.31	29.11	8.99	7.95	5.8	2.72	93.7
82	12/3/2010 5:31	9.01	45.87	29.51	9.02	7.95	7.5	2.79	94.4
83	12/3/2010 5:46	9.05	46.09	29.67	9.04	7.96	6.2	2.88	94.7
84	12/3/2010 6:01	9.09	46.42	29.91	9.05	7.96	7.5	2.96	95.2
85	12/3/2010 6:16	9.12	46.70	30.11	9.09	7.96	6.2	3.06	95.8
86	12/3/2010 6:31	9.17	47.06	30.37	9.14	7.96	8.8	3.16	96.5
87	12/3/2010 6:46	9.19	47.14	30.43	9.16	7.97	8.4	3.26	96.8
88	12/3/2010 7:01	9.21	47.38	30.60	9.20	7.97	9.9	3.35	97.4
89	12/3/2010 7:16	9.23	47.77	30.88	9.23	7.97	9.4	3.46	98.0
90	12/3/2010 7:31	9.24	47.94	31.01	9.25	7.98	8.2	3.54	98.3
91	12/3/2010 7:46	9.30	48.38	31.33	9.29	7.98	8.8	3.64	99.0
92	12/3/2010 8:01	9.34	48.72	31.57	9.30	7.99	8.1	3.71	99.3
93	12/3/2010 8:16	9.34	48.85	31.67	9.29	7.99	7.3	3.79	99.3
94	12/3/2010 8:31	9.34	48.92	31.72	9.27	7.99	5.9	3.86	99.1
95	12/3/2010 8:46	9.34	49.00	31.77	9.27	8.00	5.1	3.91	99.1
96	12/3/2010 9:01	9.36	49.06	31.82	9.26	7.99	5.1	3.95	99.2
97	12/3/2010 9:16	9.36	49.10	31.85	9.24	8.00	3.8	3.96	98.9
98	12/3/2010 9:31	9.35	48.96	31.75	9.20	7.99	4.2	3.96	98.4
99	12/3/2010 9:46	9.37	49.11	31.86	9.21	7.99	4.6	3.95	98.6
100	12/3/2010 10:01	9.36	49.02	31.79	9.20	7.99	4.9	3.90	98.4
101	12/3/2010 10:16	9.19	47.72	30.85	9.31	7.98	5.1	3.83	98.7
102	12/3/2010 10:31	9.16	47.06	30.37	9.27	7.97	4.6	3.73	97.9
103	12/3/2010 10:46	9.12	46.51	29.97	9.24	7.97	4.9	3.63	97.2
104	12/3/2010 11:01	9.09	45.96	29.58	9.26	7.97	4.7	3.53	97.2
105	12/3/2010 11:16	9.13	45.89	29.53	9.27	7.97	4.8	3.40	97.3
106	12/3/2010 11:31	9.08	46.04	29.64	9.18	7.96	10.1	3.25	96.3
107	12/3/2010 11:46	9.08	45.72	29.41	9.16	7.96	8.9	3.13	96.0
108	12/3/2010 12:01	9.13	44.96	28.87	9.19	7.96	7.6	3.01	96.1
109	12/3/2010 12:16	9.16	45.21	29.05	9.21	7.96	5.3	2.86	96.5
110	12/3/2010 12:31	9.29	45.31	29.13	9.38	7.99	5.3	2.71	98.6
111	12/3/2010 12:46	9.26	45.28	29.11	9.47	7.98	5.1	2.57	99.4

sonde #2		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	
			mS/cm	Salinity ppt	mg/L	pH		meters	DO%
112	12/3/2010 13:01	9.42	45.54	29.30	9.59	7.99	4.9	2.43	101.1
113	12/3/2010 13:16	9.40	45.19	29.05	9.66	8.00	5.9	2.28	101.6
114	12/3/2010 13:31	9.42	44.99	28.91	9.72	8.00	6.5	2.11	102.3
115	12/3/2010 13:46	9.32	44.63	28.65	9.72	8.00	7.7	1.96	101.9
116	12/3/2010 14:01	9.42	44.62	28.65	9.75	8.02	7.6	1.82	102.4
117	12/3/2010 14:16	9.37	44.28	28.40	9.83	8.01	8.2	1.66	103.0
118	12/3/2010 14:31	9.33	44.01	28.21	9.74	8.02	7.6	1.51	101.8
119	12/3/2010 14:46	9.19	43.64	27.94	9.74	8.01	9.5	1.37	101.3
120	12/3/2010 15:01	9.16	43.46	27.81	9.69	8.01	6.7	1.25	100.6
121	12/3/2010 15:16	9.16	43.26	27.67	9.70	8.01	7.0	1.12	100.6
122	12/3/2010 15:31	9.17	43.08	27.55	9.74	8.02	6.3	1.06	101.0
123	12/3/2010 15:46	9.17	43.01	27.49	9.73	8.01	5.9	1.00	100.8
124	12/3/2010 16:01	9.17	43.10	27.56	9.78	8.02	5.9	0.99	101.4
125	12/3/2010 16:16	9.15	43.05	27.52	9.77	8.01	5.6	1.02	101.3
126	12/3/2010 16:31	9.14	43.17	27.61	9.74	8.01	5.2	1.06	101.0
127	12/3/2010 16:46	9.13	43.20	27.62	9.73	8.01	5.4	1.14	100.9
128	12/3/2010 17:01	9.12	43.04	27.51	9.73	8.01	5.1	1.23	100.8
129	12/3/2010 17:16	9.12	42.69	27.26	9.70	8.00	5.9	1.30	100.3
130	12/3/2010 17:31	9.13	42.59	27.19	9.66	7.99	6.6	1.39	99.9
131	12/3/2010 17:46	9.13	42.45	27.10	9.64	8.00	6.6	1.49	99.6
132	12/3/2010 18:01	9.14	42.68	27.26	9.61	7.99	7.0	1.56	99.4
133	12/3/2010 18:16	9.14	42.66	27.25	9.59	7.99	6.9	1.65	99.2
134	12/3/2010 18:31	9.15	42.91	27.42	9.56	7.99	6.7	1.75	99.0
135	12/3/2010 18:46	9.16	42.99	27.48	9.44	7.97	6.9	1.84	97.8
136	12/3/2010 19:01	9.17	43.13	27.58	9.35	7.96	6.9	1.95	97.0
137	12/3/2010 19:16	9.17	43.85	28.09	9.25	7.95	6.8	2.05	96.3
138	12/3/2010 19:31	9.16	44.26	28.38	9.22	7.95	6.6	2.16	96.1
139	12/3/2010 19:46	9.16	44.48	28.53	9.22	7.95	7.5	2.27	96.2
140	12/3/2010 20:01	9.17	44.67	28.67	9.20	7.95	8.4	2.37	96.1
141	12/3/2010 20:16	9.18	44.86	28.80	9.17	7.95	8.1	2.46	95.9
142	12/3/2010 20:31	9.18	44.84	28.79	9.16	7.95	8.0	2.56	95.7
143	12/3/2010 20:46	9.20	44.89	28.83	9.15	7.95	9.9	2.65	95.7
144	12/3/2010 21:01	9.21	45.01	28.91	9.17	7.95	9.7	2.73	96.1
145	12/3/2010 21:16	9.22	45.21	29.05	9.19	7.95	9.7	2.82	96.3
146	12/3/2010 21:31	9.30	46.10	29.70	9.20	7.96	11.2	2.89	97.1
147	12/3/2010 21:46	9.36	46.73	30.14	9.22	7.97	11.0	2.98	97.6
148	12/3/2010 22:01	9.39	47.12	30.43	9.21	7.97	9.4	3.04	97.8
149	12/3/2010 22:16	9.41	47.33	30.58	9.19	7.98	7.7	3.10	97.7
150	12/3/2010 22:31	9.42	47.47	30.68	9.15	7.97	6.5	3.15	97.4
151	12/3/2010 22:46	9.44	47.65	30.81	9.14	7.98	6.3	3.20	97.4
152	12/3/2010 23:01	9.47	47.84	30.95	9.12	7.99	5.2	3.22	97.4
153	12/3/2010 23:16	9.48	47.88	30.98	9.01	7.98	3.5	3.23	96.2
154	12/3/2010 23:31	9.48	47.88	30.98	9.07	7.98	5.5	3.20	96.9
155	12/3/2010 23:46	9.46	47.73	30.87	9.09	7.98	5.9	3.18	96.9
156	12/4/2010 0:01	9.33	46.65	30.09	9.10	7.97	6.7	3.12	96.3
157	12/4/2010 0:16	9.37	46.95	30.31	9.07	7.97	7.3	3.04	96.2
158	12/4/2010 0:31	9.32	46.39	29.90	9.06	7.96	7.6	2.96	95.7
159	12/4/2010 0:46	9.20	45.64	29.36	9.00	7.95	6.5	2.88	94.5
160	12/4/2010 1:01	9.18	45.37	29.17	8.98	7.94	5.8	2.80	94.1
161	12/4/2010 1:16	9.15	45.19	29.03	8.97	7.94	5.2	2.70	93.9
162	12/4/2010 1:31	9.14	45.10	28.97	8.96	7.94	5.4	2.64	93.7
163	12/4/2010 1:46	9.11	44.73	28.70	9.01	7.93	6.1	2.57	94.0
164	12/4/2010 2:01	9.08	44.66	28.66	8.99	7.94	5.1	2.50	93.7
165	12/4/2010 2:16	9.05	44.25	28.36	8.99	7.94	5.0	2.45	93.5
166	12/4/2010 2:31	9.04	43.89	28.11	9.02	7.94	4.8	2.39	93.6
167	12/4/2010 2:46	9.02	43.99	28.17	8.97	7.93	4.7	2.34	93.1

sonde #2		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	
			mS/cm	Salinity ppt	mg/L	pH		meters	DO%
168	12/4/2010 3:01	9.02	43.78	28.03	8.97	7.93	4.6	2.31	93.0
169	12/4/2010 3:16	9.02	43.74	28.00	8.98	7.93	4.5	2.27	93.1
170	12/4/2010 3:31	9.02	43.74	28.00	8.94	7.93	4.6	2.25	92.7
171	12/4/2010 3:46	9.05	43.94	28.14	8.94	7.93	4.9	2.25	92.8
172	12/4/2010 4:01	9.07	44.19	28.32	8.99	7.93	4.9	2.26	93.5
173	12/4/2010 4:16	8.92	43.56	27.87	9.01	7.93	4.5	2.27	93.1
174	12/4/2010 4:31	9.01	44.05	28.22	8.97	7.93	4.8	2.33	93.1
175	12/4/2010 4:46	9.09	44.33	28.42	9.01	7.94	5.5	2.38	93.8
176	12/4/2010 5:01	9.03	43.95	28.15	9.00	7.93	5.9	2.43	93.4
177	12/4/2010 5:16	9.13	44.58	28.60	9.02	7.94	6.0	2.51	94.1
178	12/4/2010 5:31	9.19	45.25	29.08	9.00	7.94	5.9	2.59	94.3
179	12/4/2010 5:46	9.16	44.96	28.87	9.01	7.94	5.7	2.67	94.2
180	12/4/2010 6:01	9.19	45.40	29.19	9.00	7.94	5.9	2.75	94.4
181	12/4/2010 6:16	9.26	46.21	29.77	9.03	7.96	7.0	2.84	95.2
182	12/4/2010 6:31	9.31	46.65	30.09	9.04	7.96	7.3	2.93	95.6
183	12/4/2010 6:46	9.35	46.97	30.32	9.04	7.96	7.5	3.01	95.8
184	12/4/2010 7:01	9.38	47.24	30.52	9.03	7.96	7.4	3.11	96.0
185	12/4/2010 7:16	9.39	47.33	30.58	9.05	7.97	7.1	3.22	96.2
186	12/4/2010 7:31	9.42	47.60	30.77	9.05	7.97	6.8	3.31	96.4
187	12/4/2010 7:46	9.44	47.72	30.86	9.04	7.97	7.6	3.40	96.4
188	12/4/2010 8:01	9.47	48.06	31.11	9.03	7.98	6.3	3.52	96.5
189	12/4/2010 8:16	9.52	48.39	31.35	9.02	7.98	6.9	3.60	96.6
190	12/4/2010 8:31	9.54	48.63	31.52	9.00	7.98	6.1	3.69	96.6
191	12/4/2010 8:46	9.59	48.99	31.78	8.97	7.99	5.7	3.78	96.5
192	12/4/2010 9:01	9.61	49.13	31.89	8.96	8.00	5.2	3.85	96.5
193	12/4/2010 9:16	9.63	49.25	31.98	8.94	8.00	4.2	3.92	96.4
194	12/4/2010 9:31	9.64	49.31	32.02	8.93	7.99	4.0	3.96	96.3
195	12/4/2010 9:46	9.65	49.34	32.04	8.88	8.00	3.3	4.00	95.8
196	12/4/2010 10:01	9.66	49.38	32.07	8.84	7.99	2.5	4.03	95.5
197	12/4/2010 10:16	9.63	49.20	31.94	8.82	7.99	4.0	4.02	95.0
198	12/4/2010 10:31	9.65	49.35	32.05	8.85	8.00	4.0	3.98	95.5
199	12/4/2010 10:46	9.64	49.27	31.99	8.85	8.00	4.1	3.94	95.5
200	12/4/2010 11:01	9.67	48.85	31.69	8.99	7.99	3.7	3.88	96.9
201	12/4/2010 11:16	9.57	47.86	30.97	8.98	7.97	3.4	3.76	96.0
202	12/4/2010 11:31	9.48	47.02	30.36	8.99	7.96	4.4	3.65	95.6
203	12/4/2010 11:46	9.48	46.87	30.25	9.01	7.97	4.0	3.55	95.8
204	12/4/2010 12:01	9.46	46.70	30.13	9.02	7.97	4.4	3.40	95.7
205	12/4/2010 12:16	9.41	46.17	29.75	9.03	7.95	6.4	3.26	95.5
206	12/4/2010 12:31	9.41	45.82	29.50	9.05	7.95	5.2	3.14	95.6
207	12/4/2010 12:46	9.37	44.93	28.87	9.07	7.95	6.0	3.00	95.3
208	12/4/2010 13:01	9.38	45.14	29.02	9.10	7.96	5.8	2.85	95.7
209	12/4/2010 13:16	9.41	45.31	29.14	9.12	7.95	5.1	2.70	96.1
210	12/4/2010 13:31	9.40	45.44	29.23	9.13	7.96	4.7	2.56	96.3
211	12/4/2010 13:46	9.45	45.73	29.44	9.19	7.96	6.2	2.41	97.1
212	12/4/2010 14:01	9.40	45.42	29.22	9.19	7.97	6.8	2.23	96.8
213	12/4/2010 14:16	9.51	45.51	29.29	9.33	7.98	6.2	2.09	98.6
214	12/4/2010 14:31	9.40	44.88	28.83	9.32	7.96	8.3	1.93	98.0
215	12/4/2010 14:46	9.49	44.76	28.75	9.47	7.98	8.2	1.76	99.7
216	12/4/2010 15:01	9.51	44.49	28.56	9.47	7.98	8.7	1.61	99.6
217	12/4/2010 15:16	9.44	43.98	28.20	9.46	7.98	8.3	1.45	99.1
218	12/4/2010 15:31	9.37	43.63	27.94	9.43	7.98	7.1	1.30	98.5
219	12/4/2010 15:46	9.35	43.37	27.76	9.47	7.97	8.8	1.16	98.7
220	12/4/2010 16:01	9.36	43.11	27.58	9.50	7.98	8.4	1.03	99.0
221	12/4/2010 16:16	9.36	42.86	27.40	9.55	7.99	7.6	0.95	99.4
222	12/4/2010 16:31	9.36	42.75	27.32	9.54	7.99	6.4	0.86	99.2
223	12/4/2010 16:46	9.36	42.94	27.45	9.53	7.98	6.3	0.86	99.2

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			
224	12/4/2010 17:01	9.35	42.95	27.46	9.52	7.98	5.7	0.91	99.0
225	12/4/2010 17:16	9.35	43.03	27.52	9.48	7.98	5.3	0.98	98.7
226	12/4/2010 17:31	9.34	43.09	27.56	9.47	7.97	6.4	1.09	98.6
227	12/4/2010 17:46	9.32	42.28	26.99	9.43	7.96	5.6	1.17	97.8
228	12/4/2010 18:01	9.31	42.42	27.09	9.39	7.96	6.3	1.24	97.4
229	12/4/2010 18:16	9.30	42.29	26.99	9.35	7.96	6.0	1.33	96.9
230	12/4/2010 18:31	9.30	42.35	27.03	9.34	7.95	6.2	1.42	96.8
231	12/4/2010 18:46	9.31	42.45	27.11	9.31	7.95	5.8	1.51	96.6
232	12/4/2010 19:01	9.31	42.69	27.28	9.30	7.95	5.7	1.61	96.6
233	12/4/2010 19:16	9.31	42.68	27.27	9.27	7.94	5.5	1.70	96.3
234	12/4/2010 19:31	9.31	42.93	27.44	9.19	7.94	6.0	1.80	95.5
235	12/4/2010 19:46	9.32	43.39	27.77	9.12	7.93	6.1	1.90	95.1
236	12/4/2010 20:01	9.34	44.12	28.29	9.06	7.94	6.3	2.03	94.7
237	12/4/2010 20:16	9.34	44.34	28.45	9.03	7.94	6.9	2.14	94.6
238	12/4/2010 20:31	9.32	44.58	28.62	9.03	7.94	7.2	2.25	94.6
239	12/4/2010 20:46	9.33	44.60	28.63	9.01	7.94	6.5	2.36	94.5
240	12/4/2010 21:01	9.34	44.87	28.82	8.99	7.93	8.2	2.47	94.3
241	12/4/2010 21:16	9.35	45.03	28.94	8.97	7.94	9.8	2.57	94.2
242	12/4/2010 21:31	9.37	45.45	29.23	8.98	7.95	12.2	2.66	94.5
243	12/4/2010 21:46	9.38	45.67	29.40	8.99	7.95	9.9	2.77	94.8
244	12/4/2010 22:01	9.45	46.25	29.81	9.00	7.96	9.2	2.86	95.3
245	12/4/2010 22:16	9.53	46.86	30.25	9.01	7.97	9.2	2.93	95.9
246	12/4/2010 22:31	9.57	47.23	30.52	9.02	7.97	8.3	3.03	96.2
247	12/4/2010 22:46	9.60	47.49	30.71	9.01	7.98	7.3	3.10	96.3
248	12/4/2010 23:01	9.62	47.67	30.84	8.98	7.98	7.1	3.18	96.1
249	12/4/2010 23:16	9.65	47.85	30.97	8.98	7.98	6.5	3.24	96.2
250	12/4/2010 23:31	9.67	47.99	31.07	8.96	8.00	5.5	3.29	96.1
251	12/4/2010 23:46	9.70	48.12	31.16	8.93	7.99	4.8	3.33	95.9
252	12/5/2010 0:01	9.71	48.19	31.22	8.87	8.00	3.5	3.35	95.3
253	12/5/2010 0:16	9.69	48.10	31.15	8.88	7.99	4.8	3.34	95.3
254	12/5/2010 0:31	9.71	48.23	31.24	8.90	7.99	4.6	3.31	95.6
255	12/5/2010 0:46	9.67	47.97	31.06	8.90	7.99	5.2	3.26	95.4
256	12/5/2010 1:01	9.56	47.39	30.63	8.85	7.98	6.2	3.19	94.5
257	12/5/2010 1:16	9.54	47.10	30.42	8.91	7.97	7.0	3.11	94.9
258	12/5/2010 1:31	9.46	46.73	30.16	8.94	7.96	7.0	3.03	94.9
259	12/5/2010 1:46	9.36	45.99	29.62	8.89	7.95	6.0	2.95	93.8
260	12/5/2010 2:01	9.33	45.90	29.55	8.82	7.94	4.8	2.86	93.0
261	12/5/2010 2:16	9.33	45.91	29.56	8.80	7.93	4.6	2.78	92.8
262	12/5/2010 2:31	9.29	45.63	29.36	8.82	7.93	4.5	2.71	92.8
263	12/5/2010 2:46	9.24	45.05	28.94	8.89	7.93	5.6	2.65	93.2
264	12/5/2010 3:01	9.21	44.94	28.86	8.84	7.93	4.5	2.58	92.5
265	12/5/2010 3:16	9.17	44.51	28.55	8.85	7.93	4.3	2.52	92.4
266	12/5/2010 3:31	9.17	44.71	28.70	8.82	7.93	4.3	2.48	92.1
267	12/5/2010 3:46	9.16	44.46	28.52	8.84	7.92	4.2	2.43	92.3
268	12/5/2010 4:01	9.14	44.44	28.51	8.80	7.92	4.1	2.40	91.8
269	12/5/2010 4:16	9.16	44.34	28.44	8.76	7.92	4.0	2.39	91.4
270	12/5/2010 4:31	9.26	44.97	28.88	8.81	7.93	4.0	2.36	92.4
271	12/5/2010 4:46	9.02	44.12	28.27	8.78	7.91	3.8	2.37	91.2
272	12/5/2010 5:01	9.10	44.63	28.63	8.72	7.91	3.8	2.39	90.9
273	12/5/2010 5:16	9.24	44.84	28.79	8.87	7.93	4.0	2.42	92.8
274	12/5/2010 5:31	9.26	45.11	28.99	8.82	7.93	4.2	2.46	92.6
275	12/5/2010 5:46	9.11	44.28	28.39	8.86	7.92	4.5	2.51	92.3
276	12/5/2010 6:01	9.29	45.28	29.11	8.85	7.93	4.3	2.58	93.0
277	12/5/2010 6:16	9.32	45.57	29.31	8.86	7.94	5.5	2.65	93.3
278	12/5/2010 6:31	9.31	45.71	29.41	8.84	7.94	4.6	2.72	93.1
279	12/5/2010 6:46	9.38	46.18	29.76	8.83	7.94	4.8	2.80	93.3

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			
280	12/5/2010 7:01	9.42	46.48	29.97	8.87	7.95	6.5	2.88	94.0
281	12/5/2010 7:16	9.43	46.66	30.10	8.88	7.96	5.8	2.98	94.1
282	12/5/2010 7:31	9.48	46.94	30.31	8.87	7.96	5.7	3.06	94.2
283	12/5/2010 7:46	9.50	47.12	30.44	8.89	7.97	5.4	3.16	94.6
284	12/5/2010 8:01	9.52	47.23	30.52	8.89	7.97	5.8	3.26	94.7
285	12/5/2010 8:16	9.57	47.55	30.75	8.89	7.98	6.8	3.36	94.9
286	12/5/2010 8:31	9.61	47.82	30.94	8.89	7.99	6.0	3.46	95.1
287	12/5/2010 8:46	9.66	48.18	31.21	8.90	8.00	6.0	3.56	95.5
288	12/5/2010 9:01	9.70	48.49	31.43	8.92	8.01	5.2	3.65	96.0
289	12/5/2010 9:16	9.73	48.62	31.53	8.93	8.01	5.1	3.73	96.2
290	12/5/2010 9:31	9.76	48.72	31.60	8.97	8.03	5.2	3.82	96.7
291	12/5/2010 9:46	9.78	48.74	31.62	8.99	8.03	4.2	3.89	97.0
292	12/5/2010 10:01	9.79	48.69	31.58	9.04	8.03	3.9	3.95	97.5
293	12/5/2010 10:16	9.83	48.67	31.57	9.07	8.04	3.2	4.02	97.9
294	12/5/2010 10:31	9.91	48.48	31.44	9.15	8.04	3.1	4.05	98.9
295	12/5/2010 10:46	9.92	48.38	31.37	9.09	8.04	2.8	4.07	98.3
296	12/5/2010 11:01	9.73	48.29	31.29	8.87	8.01	2.9	4.07	95.4
297	12/5/2010 11:16	9.76	48.54	31.47	8.91	8.01	3.6	4.04	96.0
298	12/5/2010 11:31	9.84	48.55	31.48	9.07	8.04	3.6	3.98	97.9
299	12/5/2010 11:46	9.86	48.49	31.44	9.09	8.02	4.2	3.90	98.1
300	12/5/2010 12:01	9.87	48.35	31.34	9.13	8.02	4.2	3.79	98.5
301	12/5/2010 12:16	9.84	47.89	31.01	9.09	8.00	4.3	3.68	97.8
302	12/5/2010 12:31	9.77	47.33	30.60	9.05	7.99	3.6	3.56	97.0
303	12/5/2010 12:46	9.73	46.90	30.29	8.98	7.98	6.4	3.43	96.0
304	12/5/2010 13:01	9.75	46.76	30.19	9.01	7.98	4.7	3.30	96.3
305	12/5/2010 13:16	9.72	46.52	30.02	9.01	7.98	4.6	3.16	96.1
306	12/5/2010 13:31	9.69	46.26	29.83	9.02	7.97	4.3	3.04	96.0
307	12/5/2010 13:46	9.64	45.96	29.62	9.03	7.97	4.6	2.89	95.9
308	12/5/2010 14:01	9.72	46.12	29.74	9.02	7.97	4.0	2.74	96.1
309	12/5/2010 14:16	9.69	45.94	29.60	9.07	7.97	3.9	2.60	96.4
310	12/5/2010 14:31	9.67	45.86	29.54	9.09	7.97	4.0	2.44	96.6
311	12/5/2010 14:46	9.64	45.78	29.49	9.07	7.96	5.1	2.28	96.3
312	12/5/2010 15:01	9.70	45.88	29.56	9.08	7.98	5.6	2.12	96.5
313	12/5/2010 15:16	9.57	45.47	29.26	9.13	7.96	6.8	1.96	96.6
314	12/5/2010 15:31	9.54	45.19	29.06	9.12	7.96	8.5	1.80	96.3
315	12/5/2010 15:46	9.52	44.92	28.86	9.15	7.96	8.0	1.65	96.5
316	12/5/2010 16:01	9.51	44.64	28.67	9.14	7.96	8.2	1.48	96.2
317	12/5/2010 16:16	9.45	44.32	28.44	9.11	7.95	7.2	1.34	95.6
318	12/5/2010 16:31	9.44	44.03	28.23	9.12	7.95	7.1	1.19	95.6
319	12/5/2010 16:46	9.42	43.76	28.04	9.13	7.95	6.9	1.05	95.5
320	12/5/2010 17:01	9.40	43.49	27.85	9.14	7.94	6.4	0.96	95.5
321	12/5/2010 17:16	9.39	43.40	27.78	9.11	7.95	6.6	0.88	95.1
322	12/5/2010 17:31	9.41	43.58	27.91	9.10	7.94	5.6	0.84	95.1
323	12/5/2010 17:46	9.39	43.49	27.84	9.13	7.95	5.1	0.87	95.3
324	12/5/2010 18:01	9.39	43.56	27.90	9.14	7.96	5.2	0.96	95.5
325	12/5/2010 18:16	9.38	43.61	27.93	9.14	7.94	4.9	1.05	95.5
326	12/5/2010 18:31	9.37	43.66	27.96	9.14	7.95	4.5	1.14	95.4
327	12/5/2010 18:46	9.32	42.44	27.10	9.12	7.94	5.2	1.24	94.6
328	12/5/2010 19:01	9.35	42.62	27.23	9.09	7.93	5.6	1.34	94.5
329	12/5/2010 19:16	9.36	42.55	27.18	9.08	7.92	5.7	1.42	94.4
330	12/5/2010 19:31	9.37	42.90	27.43	9.05	7.93	5.4	1.49	94.3
331	12/5/2010 19:46	9.39	43.27	27.69	9.03	7.93	5.3	1.60	94.2
332	12/5/2010 20:01	9.40	43.27	27.69	9.01	7.94	6.0	1.72	94.1
333	12/5/2010 20:16	9.43	43.64	27.95	8.97	7.94	5.8	1.80	93.8
334	12/5/2010 20:31	9.49	44.66	28.68	8.92	7.94	6.0	1.91	93.9
335	12/5/2010 20:46	9.51	44.75	28.74	8.93	7.94	6.5	2.04	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		
336	12/5/2010 21:01	9.51	44.95	28.89	8.91	7.94	6.5	2.16	94.0
337	12/5/2010 21:16	9.51	44.99	28.92	8.92	7.94	6.5	2.27	94.0
338	12/5/2010 21:31	9.52	45.16	29.04	8.92	7.94	8.0	2.38	94.1
339	12/5/2010 21:46	9.54	45.37	29.19	8.91	7.94	8.4	2.49	94.2
340	12/5/2010 22:01	9.56	45.59	29.35	8.91	7.95	9.0	2.60	94.3
341	12/5/2010 22:16	9.60	45.87	29.55	8.93	7.96	10.2	2.69	94.7
342	12/5/2010 22:31	9.62	46.01	29.65	8.93	7.96	8.7	2.78	94.8
343	12/5/2010 22:46	9.72	46.62	30.09	8.97	7.97	8.9	2.89	95.7
344	12/5/2010 23:01	9.79	47.00	30.37	9.00	8.00	8.2	2.98	96.3
345	12/5/2010 23:16	9.83	47.23	30.53	9.01	7.99	6.6	3.05	96.7
346	12/5/2010 23:31	9.87	47.35	30.62	9.03	8.00	7.1	3.15	97.1
347	12/5/2010 23:46	9.94	47.57	30.79	9.06	8.02	5.7	3.22	97.6
348	12/6/2010 0:01	10.03	47.84	30.98	9.07	8.03	5.5	3.29	98.0
349	12/6/2010 0:16	10.09	48.04	31.13	9.06	8.04	5.1	3.35	98.2
350	12/6/2010 0:31	10.13	48.15	31.21	9.07	8.05	4.2	3.39	98.4
351	12/6/2010 0:46	10.15	48.23	31.27	9.01	8.05	3.0	3.42	97.8
352	12/6/2010 1:01	10.08	47.97	31.08	8.99	8.03	3.7	3.42	97.3
353	12/6/2010 1:16	10.16	48.26	31.29	9.04	8.05	4.0	3.38	98.1
354	12/6/2010 1:31	9.86	47.25	30.55	9.06	8.01	5.5	3.34	97.3
355	12/6/2010 1:46	9.80	46.87	30.28	8.92	8.00	5.4	3.28	95.5
356	12/6/2010 2:01	9.82	46.98	30.35	8.90	7.99	5.7	3.19	95.4
357	12/6/2010 2:16	9.71	46.37	29.91	8.92	7.97	13.1	3.11	95.0
358	12/6/2010 2:31	9.68	46.28	29.85	8.88	7.97	6.4	3.03	94.6
359	12/6/2010 2:46	9.64	46.10	29.71	8.82	7.95	5.1	2.94	93.7
360	12/6/2010 3:01	9.62	45.99	29.64	8.79	7.95	4.5	2.87	93.3
361	12/6/2010 3:16	9.60	45.90	29.57	8.76	7.95	4.2	2.80	93.0
362	12/6/2010 3:31	9.60	45.89	29.56	8.80	7.95	5.3	2.72	93.3
363	12/6/2010 3:46	9.58	45.71	29.43	8.76	7.94	3.8	2.67	92.8
364	12/6/2010 4:01	9.53	45.23	29.09	8.77	7.94	4.1	2.62	92.6
365	12/6/2010 4:16	9.52	45.13	29.02	8.75	7.93	4.2	2.57	92.4
366	12/6/2010 4:31	9.51	44.92	28.87	8.75	7.93	3.8	2.53	92.3
367	12/6/2010 4:46	9.50	44.86	28.82	8.74	7.93	3.8	2.50	92.1
368	12/6/2010 5:01	9.49	44.71	28.72	8.70	7.92	3.7	2.48	91.6
369	12/6/2010 5:16	9.56	45.20	29.07	8.67	7.94	3.4	2.47	91.6
370	12/6/2010 5:31	9.57	45.41	29.22	8.75	7.94	3.5	2.46	92.5
371	12/6/2010 5:46	9.44	44.56	28.61	8.77	7.92	4.2	2.48	92.1
372	12/6/2010 6:01	9.54	45.17	29.05	8.71	7.92	3.9	2.49	92.0
373	12/6/2010 6:16	9.56	45.34	29.17	8.77	7.94	3.8	2.53	92.7
374	12/6/2010 6:31	9.58	45.54	29.31	8.78	7.95	4.1	2.58	92.9
375	12/6/2010 6:46	9.48	44.93	28.87	8.75	7.93	4.3	2.65	92.2
376	12/6/2010 7:01	9.59	45.61	29.36	8.79	7.95	4.8	2.71	93.0
377	12/6/2010 7:16	9.61	45.81	29.51	8.81	7.95	4.9	2.79	93.4
378	12/6/2010 7:31	9.66	46.03	29.67	8.80	7.97	4.6	2.87	93.6
379	12/6/2010 7:46	9.75	46.51	30.02	8.84	7.98	5.0	2.94	94.4
380	12/6/2010 8:01	9.78	46.76	30.19	8.90	7.98	5.2	3.04	95.1
381	12/6/2010 8:16	9.81	46.90	30.30	8.91	7.99	4.6	3.13	95.4
382	12/6/2010 8:31	9.86	47.08	30.43	8.92	7.99	5.2	3.23	95.7
383	12/6/2010 8:46	9.91	47.30	30.59	8.94	8.01	5.8	3.32	96.1
384	12/6/2010 9:01	9.96	47.42	30.68	8.95	8.01	5.9	3.43	96.4
385	12/6/2010 9:16	10.03	47.77	30.94	8.97	8.03	5.3	3.53	96.9
386	12/6/2010 9:31	10.10	48.06	31.15	8.98	8.03	4.3	3.62	97.3
387	12/6/2010 9:46	10.15	48.25	31.29	8.97	8.05	4.0	3.71	97.3
388	12/6/2010 10:01	10.19	48.40	31.40	8.97	8.05	4.0	3.80	97.5
389	12/6/2010 10:16	10.23	48.59	31.54	8.98	8.05	3.4	3.87	97.8
390	12/6/2010 10:31	10.26	48.70	31.62	8.97	8.05	3.2	3.94	97.8
391	12/6/2010 10:46	10.28	48.79	31.69	8.97	8.06	2.9	4.00	97.9

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			
392	12/6/2010 11:01	10.31	48.86	31.74	8.94	8.07	2.4	4.04	97.7
393	12/6/2010 11:16	10.32	48.79	31.69	8.92	8.07	2.3	4.06	97.5
394	12/6/2010 11:31	10.32	48.73	31.64	8.87	8.06	1.6	4.08	96.9
395	12/6/2010 11:46	10.27	48.67	31.60	8.83	8.05	2.3	4.06	96.3
396	12/6/2010 12:01	10.31	48.80	31.69	8.90	8.06	3.1	4.03	97.2
397	12/6/2010 12:16	10.30	48.83	31.71	8.92	8.06	3.0	3.97	97.4
398	12/6/2010 12:31	10.31	48.09	31.18	9.17	8.04	4.2	3.88	99.8
399	12/6/2010 12:46	10.28	47.87	31.02	9.18	8.05	3.5	3.77	99.7
400	12/6/2010 13:01	10.18	47.30	30.61	9.12	8.02	4.2	3.67	98.7
401	12/6/2010 13:16	10.16	47.14	30.49	9.10	8.02	5.2	3.54	98.3
402	12/6/2010 13:31	10.14	47.02	30.41	9.09	8.02	5.0	3.42	98.1
403	12/6/2010 13:46	10.11	46.74	30.20	9.12	8.01	4.5	3.29	98.2
404	12/6/2010 14:01	10.06	46.45	29.99	9.15	8.00	4.6	3.15	98.3
405	12/6/2010 14:16	10.06	46.41	29.96	9.13	8.00	4.9	3.02	98.1
406	12/6/2010 14:31	10.03	46.25	29.85	9.15	8.00	5.7	2.87	98.1
407	12/6/2010 14:46	10.08	46.54	30.06	9.19	8.01	6.2	2.73	98.9
408	12/6/2010 15:01	9.98	46.14	29.76	9.13	7.99	7.6	2.60	97.8
409	12/6/2010 15:16	9.99	46.19	29.80	9.16	7.99	7.2	2.44	98.1
410	12/6/2010 15:31	10.03	46.31	29.89	9.18	8.00	7.2	2.28	98.5
411	12/6/2010 15:46	10.03	46.24	29.84	9.13	7.99	7.7	2.14	97.9
412	12/6/2010 16:01	9.94	45.67	29.42	9.12	7.98	8.8	1.98	97.4
413	12/6/2010 16:16	9.90	45.19	29.08	9.13	7.97	9.7	1.80	97.2
414	12/6/2010 16:31	9.86	44.86	28.84	9.11	7.96	9.8	1.65	96.7
415	12/6/2010 16:46	9.83	44.48	28.57	9.10	7.94	10.5	1.49	96.4
416	12/6/2010 17:01	9.81	44.21	28.38	9.10	7.95	11.6	1.34	96.3
417	12/6/2010 17:16	9.80	43.97	28.21	9.11	7.94	20.8	1.20	96.2
418	12/6/2010 17:31	9.80	43.78	28.08	9.10	7.94	27.1	1.08	96.1
419	12/6/2010 17:46	9.80	43.66	27.99	9.06	7.93	24.8	0.97	95.6
420	12/6/2010 18:01	9.80	43.64	27.97	9.02	7.93	20.3	0.90	95.1
421	12/6/2010 18:16	9.80	43.66	27.99	9.09	7.93	13.4	0.93	95.8
422	12/6/2010 18:31	9.80	43.71	28.02	9.10	7.93	8.3	0.99	96.0
423	12/6/2010 18:46	9.80	43.80	28.09	9.08	7.94	7.9	1.06	95.9
424	12/6/2010 19:01	9.80	43.89	28.15	9.10	7.94	7.1	1.18	96.0
425	12/6/2010 19:16	9.80	43.54	27.90	9.08	7.94	7.0	1.27	95.7
426	12/6/2010 19:31	9.80	43.02	27.54	9.05	7.93	7.1	1.33	95.2
427	12/6/2010 19:46	9.80	42.93	27.48	9.06	7.92	6.5	1.42	95.2
428	12/6/2010 20:01	9.80	43.12	27.61	9.03	7.92	6.4	1.50	95.1
429	12/6/2010 20:16	9.81	43.29	27.73	9.02	7.93	6.2	1.59	95.0
430	12/6/2010 20:31	9.81	43.47	27.86	9.01	7.92	6.2	1.68	95.0
431	12/6/2010 20:46	9.82	43.59	27.94	8.99	7.92	6.4	1.78	94.8
432	12/6/2010 21:01	9.83	42.99	27.52	9.00	7.92	6.2	1.88	94.7
433	12/6/2010 21:16	9.85	43.69	28.02	8.97	7.92	6.5	2.00	94.7
434	12/6/2010 21:31	9.88	44.63	28.69	8.95	7.94	7.8	2.12	95.0
435	12/6/2010 21:46	9.88	44.63	28.68	8.96	7.94	7.9	2.21	95.0
436	12/6/2010 22:01	9.87	44.73	28.75	8.95	7.94	8.8	2.33	95.0
437	12/6/2010 22:16	9.89	45.09	29.01	8.94	7.94	11.0	2.45	95.2
438	12/6/2010 22:31	9.91	45.34	29.19	8.95	7.95	10.1	2.55	95.4
439	12/6/2010 22:46	9.92	45.52	29.32	8.97	7.96	9.5	2.65	95.6
440	12/6/2010 23:01	9.96	45.78	29.51	8.99	7.97	12.0	2.75	96.1
441	12/6/2010 23:16	9.99	45.99	29.66	9.00	7.98	11.2	2.84	96.3
442	12/6/2010 23:31	10.09	46.52	30.04	9.00	8.00	9.3	2.94	96.8
443	12/6/2010 23:46	10.17	46.94	30.35	9.03	8.01	8.1	3.02	97.5
444	12/7/2010 0:01	10.22	47.22	30.55	9.04	8.02	6.9	3.10	97.8
445	12/7/2010 0:16	10.25	47.33	30.63	9.03	8.01	7.1	3.18	97.8
446	12/7/2010 0:31	10.31	47.61	30.84	9.01	8.03	6.0	3.25	97.9
447	12/7/2010 0:46	10.40	47.90	31.05	8.98	8.04	5.6	3.32	97.9

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			
448	12/7/2010 1:01	10.47	48.13	31.22	8.93	8.05	4.9	3.37	97.6
449	12/7/2010 1:16	10.53	48.29	31.34	8.92	8.05	4.2	3.41	97.6
450	12/7/2010 1:31	10.56	48.39	31.41	8.84	8.06	2.9	3.43	96.9
451	12/7/2010 1:46	10.57	48.42	31.44	8.77	8.05	2.1	3.44	96.1
452	12/7/2010 2:01	10.51	48.16	31.24	8.82	8.05	3.5	3.41	96.5
453	12/7/2010 2:16	10.17	46.96	30.36	8.93	8.00	9.5	3.36	96.4
454	12/7/2010 2:31	10.28	47.38	30.67	8.93	8.02	4.9	3.32	96.8
455	12/7/2010 2:46	10.26	47.29	30.60	8.90	8.01	5.0	3.23	96.5
456	12/7/2010 3:01	10.20	47.07	30.44	8.93	8.00	5.2	3.15	96.6
457	12/7/2010 3:16	10.11	46.72	30.19	8.92	7.99	5.6	3.08	96.1
458	12/7/2010 3:31	10.07	46.47	30.01	8.91	7.98	5.2	3.00	95.8
459	12/7/2010 3:46	9.99	46.05	29.70	8.88	7.96	5.7	2.93	95.1
460	12/7/2010 4:01	9.98	45.97	29.64	8.88	7.96	5.2	2.85	95.1
461	12/7/2010 4:16	9.93	45.63	29.39	8.83	7.95	5.4	2.78	94.2
462	12/7/2010 4:31	9.90	45.44	29.26	8.83	7.95	5.3	2.73	94.1
463	12/7/2010 4:46	9.88	45.29	29.15	8.81	7.94	5.0	2.67	93.8
464	12/7/2010 5:01	9.87	45.10	29.02	8.78	7.93	4.8	2.63	93.4
465	12/7/2010 5:16	9.88	45.14	29.04	8.79	7.93	4.8	2.58	93.5
466	12/7/2010 5:31	9.88	45.20	29.09	8.76	7.94	4.8	2.56	93.3
467	12/7/2010 5:46	9.89	45.25	29.13	8.72	7.94	4.5	2.53	92.9
468	12/7/2010 6:01	9.90	45.29	29.15	8.68	7.94	3.6	2.51	92.4
469	12/7/2010 6:16	9.95	45.68	29.43	8.81	7.95	4.0	2.51	94.1
470	12/7/2010 6:31	9.93	45.58	29.36	8.75	7.96	4.3	2.51	93.4
471	12/7/2010 6:46	9.81	44.55	28.63	8.86	7.92	4.0	2.55	93.8
472	12/7/2010 7:01	9.93	45.55	29.34	8.86	7.95	4.7	2.57	94.6
473	12/7/2010 7:16	9.95	45.74	29.48	8.84	7.95	4.6	2.61	94.5
474	12/7/2010 7:31	9.92	45.47	29.28	8.86	7.96	4.8	2.68	94.5
475	12/7/2010 7:46	9.98	45.84	29.55	8.87	7.96	6.2	2.74	94.9
476	12/7/2010 8:01	10.01	46.04	29.69	8.88	7.97	4.9	2.80	95.1
477	12/7/2010 8:16	10.08	46.40	29.96	8.87	7.98	4.6	2.89	95.3
478	12/7/2010 8:31	10.14	46.70	30.18	8.87	8.00	5.1	2.96	95.6
479	12/7/2010 8:46	10.17	46.87	30.30	8.91	8.00	5.2	3.05	96.1
480	12/7/2010 9:01	10.23	47.13	30.49	8.90	8.01	4.9	3.14	96.3
481	12/7/2010 9:16	10.27	47.27	30.59	8.88	8.01	5.0	3.23	96.2
482	12/7/2010 9:31	10.36	47.61	30.84	8.87	8.02	4.9	3.33	96.4
483	12/7/2010 9:46	10.41	47.76	30.95	8.86	8.03	5.4	3.42	96.5
484	12/7/2010 10:01	10.52	48.16	31.24	8.83	8.04	4.5	3.51	96.6
485	12/7/2010 10:16	10.58	48.37	31.40	8.81	8.05	4.3	3.60	96.6
486	12/7/2010 10:31	10.64	48.63	31.59	8.77	8.07	3.7	3.68	96.5
487	12/7/2010 10:46	10.70	48.84	31.75	8.75	8.06	3.4	3.75	96.5
488	12/7/2010 11:01	10.74	48.99	31.85	8.74	8.07	2.6	3.83	96.5
489	12/7/2010 11:16	10.75	49.01	31.87	8.73	8.07	2.3	3.87	96.4
490	12/7/2010 11:31	10.77	49.05	31.90	8.75	8.07	2.2	3.93	96.6
491	12/7/2010 11:46	10.80	49.18	32.00	8.74	8.07	2.0	3.96	96.6
492	12/7/2010 12:01	10.80	49.16	31.98	8.71	8.07	1.7	3.98	96.3
493	12/7/2010 12:16	10.77	49.01	31.88	8.69	8.07	2.7	3.99	95.9
494	12/7/2010 12:31	10.78	49.09	31.93	8.66	8.06	2.6	3.98	95.7
495	12/7/2010 12:46	10.79	49.17	31.99	8.68	8.07	2.5	3.95	96.0
496	12/7/2010 13:01	10.77	49.02	31.88	8.71	8.07	3.4	3.89	96.3
497	12/7/2010 13:16	10.75	48.84	31.75	8.76	8.06	3.1	3.80	96.6
498	12/7/2010 13:31	10.66	48.32	31.37	8.89	8.06	3.7	3.69	97.7
499	12/7/2010 13:46	10.55	47.88	31.04	8.96	8.04	4.4	3.59	97.9
500	12/7/2010 14:01	10.53	47.76	30.96	9.00	8.04	4.6	3.46	98.3
501	12/7/2010 14:16	10.52	47.72	30.93	9.02	8.04	4.2	3.34	98.5
502	12/7/2010 14:31	10.49	47.59	30.84	9.05	8.03	3.7	3.21	98.7
503	12/7/2010 14:46	10.45	47.42	30.71	9.05	8.04	4.4	3.10	98.5

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			
504	12/7/2010 15:01	10.43	47.30	30.62	9.05	8.03	4.5	2.97	98.4
505	12/7/2010 15:16	10.37	46.95	30.37	9.07	8.02	5.8	2.83	98.3
506	12/7/2010 15:31	10.33	46.75	30.22	9.08	8.01	6.7	2.69	98.2
507	12/7/2010 15:46	10.34	46.83	30.28	9.06	8.01	8.5	2.56	98.1
508	12/7/2010 16:01	10.27	46.37	29.94	9.07	8.00	10.3	2.41	97.9
509	12/7/2010 16:16	10.23	46.15	29.79	9.06	7.99	10.6	2.25	97.5
510	12/7/2010 16:31	10.16	45.72	29.47	9.05	7.98	11.3	2.11	97.2
511	12/7/2010 16:46	10.16	45.71	29.47	9.03	7.97	12.5	1.95	96.9
512	12/7/2010 17:01	10.10	45.20	29.10	9.04	7.96	18.2	1.81	96.6
513	12/7/2010 17:16	10.06	44.75	28.78	9.05	7.95	17.2	1.68	96.5
514	12/7/2010 17:31	10.03	44.47	28.58	9.05	7.94	18.3	1.53	96.3
515	12/7/2010 17:46	10.02	44.32	28.47	9.05	7.93	19.5	1.40	96.2
516	12/7/2010 18:01	10.01	44.17	28.36	9.04	7.93	20.3	1.29	96.1
517	12/7/2010 18:16	10.00	44.09	28.30	9.03	7.93	18.8	1.18	95.8
518	12/7/2010 18:31	9.99	43.98	28.23	9.01	7.92	17.2	1.11	95.6
519	12/7/2010 18:46	9.98	43.93	28.19	8.97	7.91	12.3	1.05	95.1
520	12/7/2010 19:01	9.98	44.00	28.24	9.02	7.92	13.2	1.07	95.7
521	12/7/2010 19:16	9.98	44.05	28.28	9.02	7.92	13.5	1.08	95.7
522	12/7/2010 19:31	9.99	44.13	28.33	9.02	7.92	16.2	1.15	95.7
523	12/7/2010 19:46	9.99	44.21	28.39	9.02	7.93	15.4	1.24	95.8
524	12/7/2010 20:01	10.00	43.70	28.03	9.04	7.92	14.2	1.31	95.8
525	12/7/2010 20:16	10.01	43.11	27.61	9.05	7.91	11.8	1.44	95.7
526	12/7/2010 20:31	10.02	43.00	27.53	9.03	7.92	12.5	1.51	95.5
527	12/7/2010 20:46	10.03	43.55	27.92	9.01	7.93	10.1	1.60	95.5
528	12/7/2010 21:01	10.04	43.67	28.01	9.01	7.92	10.0	1.69	95.6
529	12/7/2010 21:16	10.04	43.93	28.19	8.99	7.93	9.2	1.76	95.5
530	12/7/2010 21:31	10.05	44.10	28.32	8.97	7.93	8.7	1.86	95.4
531	12/7/2010 21:46	10.08	44.40	28.53	8.96	7.93	8.4	1.95	95.4
532	12/7/2010 22:01	10.09	44.53	28.62	8.97	7.94	9.0	2.06	95.6
533	12/7/2010 22:16	10.10	44.71	28.75	9.00	7.94	10.6	2.17	96.0
534	12/7/2010 22:31	10.10	45.06	29.00	8.99	7.94	12.5	2.28	96.0
535	12/7/2010 22:46	10.13	45.34	29.20	8.96	7.95	14.6	2.39	96.0
536	12/7/2010 23:01	10.15	45.52	29.34	8.95	7.95	12.3	2.50	96.0
537	12/7/2010 23:16	10.18	45.66	29.43	8.96	7.95	12.8	2.60	96.1
538	12/7/2010 23:31	10.23	45.96	29.65	8.97	7.97	14.5	2.69	96.5
539	12/7/2010 23:46	10.27	46.22	29.84	8.98	7.98	13.6	2.78	96.8
540	12/8/2010 0:01	10.32	46.50	30.04	8.97	7.99	12.8	2.87	97.0
541	12/8/2010 0:16	10.44	47.11	30.49	8.94	8.02	12.3	2.95	97.2
542	12/8/2010 0:31	10.55	47.67	30.89	8.93	8.03	10.4	3.05	97.5
543	12/8/2010 0:46	10.59	47.78	30.98	8.94	8.03	10.0	3.13	97.8
544	12/8/2010 1:01	10.67	47.76	30.97	8.96	8.04	9.1	3.20	98.1
545	12/8/2010 1:16	10.77	47.70	30.93	8.99	8.05	8.4	3.29	98.7
546	12/8/2010 1:31	10.86	47.64	30.89	9.05	8.07	8.0	3.34	99.5
547	12/8/2010 1:46	10.95	47.58	30.85	9.05	8.06	6.9	3.40	99.7
548	12/8/2010 2:01	10.96	47.53	30.82	9.01	8.06	5.8	3.43	99.3
549	12/8/2010 2:16	10.97	47.41	30.73	9.00	8.07	6.0	3.46	99.1
550	12/8/2010 2:31	10.88	47.37	30.70	8.93	8.06	6.0	3.45	98.1
551	12/8/2010 2:46	10.85	47.45	30.76	8.95	8.05	6.2	3.42	98.3
552	12/8/2010 3:01	10.90	47.39	30.72	9.00	8.06	6.5	3.37	99.0
553	12/8/2010 3:16	10.57	46.95	30.38	8.91	8.01	8.8	3.32	97.1
554	12/8/2010 3:31	10.67	47.03	30.44	8.93	8.02	8.2	3.24	97.5
555	12/8/2010 3:46	10.66	46.93	30.37	8.95	8.02	7.8	3.17	97.7
556	12/8/2010 4:01	10.73	47.22	30.58	8.90	8.04	8.4	3.07	97.4
557	12/8/2010 4:16	10.57	47.00	30.41	8.89	8.01	8.2	3.01	96.8
558	12/8/2010 4:31	10.48	46.86	30.31	8.85	8.00	7.1	2.92	96.2
559	12/8/2010 4:46	10.40	46.48	30.03	8.86	7.98	8.7	2.85	95.9

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			
560	12/8/2010 5:01	10.36	46.28	29.89	8.87	7.97	8.6	2.79	95.9
561	12/8/2010 5:16	10.34	46.08	29.74	8.86	7.96	8.4	2.74	95.6
562	12/8/2010 5:31	10.32	45.94	29.64	8.86	7.96	9.4	2.69	95.6
563	12/8/2010 5:46	10.30	45.77	29.52	8.86	7.95	8.4	2.64	95.4
564	12/8/2010 6:01	10.31	45.74	29.50	8.83	7.96	8.4	2.60	95.1
565	12/8/2010 6:16	10.31	45.69	29.46	8.75	7.95	7.6	2.58	94.2
566	12/8/2010 6:31	10.32	45.90	29.61	8.74	7.97	6.8	2.55	94.2
567	12/8/2010 6:46	10.34	46.14	29.78	8.71	7.98	6.7	2.53	94.0
568	12/8/2010 7:01	10.35	46.22	29.84	8.75	7.97	6.3	2.53	94.5
569	12/8/2010 7:16	10.30	45.50	29.32	8.80	7.95	7.2	2.54	94.6
570	12/8/2010 7:31	10.32	45.62	29.41	8.79	7.94	6.7	2.55	94.6
571	12/8/2010 7:46	10.33	45.93	29.64	8.83	7.96	6.9	2.57	95.2
572	12/8/2010 8:01	10.38	46.33	29.92	8.79	7.97	6.8	2.63	95.1
573	12/8/2010 8:16	10.37	46.19	29.82	8.80	7.96	7.4	2.68	95.1
574	12/8/2010 8:31	10.38	46.22	29.84	8.81	7.98	6.7	2.72	95.3
575	12/8/2010 8:46	10.46	46.59	30.11	8.79	7.99	7.6	2.79	95.4
576	12/8/2010 9:01	10.53	46.66	30.17	8.81	8.00	7.2	2.86	95.7
577	12/8/2010 9:16	10.53	46.75	30.24	8.82	8.00	6.7	2.95	95.9
578	12/8/2010 9:31	10.57	46.92	30.36	8.84	8.00	6.7	3.02	96.3
579	12/8/2010 9:46	10.58	46.99	30.41	8.87	8.01	6.7	3.11	96.7
580	12/8/2010 10:01	10.60	47.06	30.46	8.87	8.01	6.7	3.18	96.8
581	12/8/2010 10:16	10.60	47.05	30.45	8.87	8.01	7.3	3.26	96.7
582	12/8/2010 10:31	10.64	47.10	30.49	8.89	8.02	8.0	3.35	97.0
583	12/8/2010 10:46	10.71	47.23	30.59	8.90	8.03	8.4	3.43	97.3
584	12/8/2010 11:01	10.77	47.30	30.64	8.90	8.03	7.6	3.49	97.5
585	12/8/2010 11:16	10.83	47.37	30.69	8.92	8.05	8.2	3.58	97.9
586	12/8/2010 11:31	10.93	47.44	30.75	8.94	8.06	7.4	3.63	98.4
587	12/8/2010 11:46	11.00	47.48	30.78	8.96	8.06	6.1	3.70	98.8
588	12/8/2010 12:01	11.04	47.50	30.80	8.96	8.07	5.2	3.75	98.8
589	12/8/2010 12:16	11.07	47.51	30.81	8.98	8.07	5.1	3.79	99.1
590	12/8/2010 12:31	11.09	47.51	30.81	8.96	8.07	4.5	3.82	99.0
591	12/8/2010 12:46	11.09	47.51	30.81	8.86	8.07	3.4	3.83	97.9
592	12/8/2010 13:01	10.94	47.39	30.71	8.88	8.05	5.1	3.83	97.8
593	12/8/2010 13:16	11.02	47.46	30.77	8.92	8.06	5.6	3.81	98.3
594	12/8/2010 13:31	11.07	47.49	30.79	8.94	8.07	5.5	3.76	98.6
595	12/8/2010 13:46	11.01	47.37	30.70	8.94	8.06	6.1	3.70	98.5
596	12/8/2010 14:01	10.92	47.15	30.54	9.07	8.03	5.6	3.62	99.6
597	12/8/2010 14:16	10.98	47.14	30.54	9.06	8.04	6.0	3.51	99.6
598	12/8/2010 14:31	10.87	46.87	30.34	9.01	8.02	8.0	3.42	98.7
599	12/8/2010 14:46	10.89	46.80	30.29	9.02	8.02	6.8	3.32	98.8
600	12/8/2010 15:01	10.90	46.64	30.17	9.04	8.02	5.5	3.21	99.0
601	12/8/2010 15:16	10.87	46.34	29.96	9.03	8.01	6.3	3.10	98.7
602	12/8/2010 15:31	10.85	46.34	29.96	9.00	8.00	6.0	2.97	98.3
603	12/8/2010 15:46	10.84	46.16	29.83	9.01	7.99	6.2	2.87	98.4
604	12/8/2010 16:01	10.83	46.17	29.83	8.99	8.00	6.0	2.74	98.1
605	12/8/2010 16:16	10.80	46.09	29.78	8.99	7.99	6.7	2.61	98.0
606	12/8/2010 16:31	10.80	46.16	29.83	8.96	7.99	6.4	2.49	97.8
607	12/8/2010 16:46	10.76	46.02	29.72	8.95	7.98	7.0	2.36	97.5
608	12/8/2010 17:01	10.75	45.99	29.70	8.93	7.98	7.3	2.22	97.2
609	12/8/2010 17:16	10.67	45.88	29.62	8.93	7.98	9.0	2.06	97.0
610	12/8/2010 17:31	10.61	45.57	29.40	8.90	7.96	10.4	1.93	96.4
611	12/8/2010 17:46	10.59	45.40	29.27	8.86	7.96	10.9	1.81	95.9
612	12/8/2010 18:01	10.56	45.18	29.12	8.86	7.94	10.4	1.66	95.7
613	12/8/2010 18:16	10.54	44.97	28.96	8.87	7.94	10.2	1.52	95.7
614	12/8/2010 18:31	10.53	44.79	28.83	8.87	7.93	10.7	1.42	95.6
615	12/8/2010 18:46	10.53	44.57	28.68	8.88	7.93	9.9	1.32	95.6

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			
616	12/8/2010 19:01	10.52	44.43	28.57	8.87	7.93	9.5	1.25	95.3
617	12/8/2010 19:16	10.51	44.31	28.49	8.84	7.93	9.3	1.19	95.1
618	12/8/2010 19:31	10.50	44.28	28.46	8.80	7.91	7.3	1.16	94.6
619	12/8/2010 19:46	10.51	44.37	28.53	8.88	7.92	8.0	1.18	95.4
620	12/8/2010 20:01	10.51	44.44	28.58	8.88	7.92	7.4	1.20	95.5
621	12/8/2010 20:16	10.51	44.49	28.62	8.89	7.92	7.4	1.28	95.6
622	12/8/2010 20:31	10.50	44.51	28.64	8.89	7.93	7.3	1.32	95.7
623	12/8/2010 20:46	10.51	44.35	28.52	8.90	7.93	7.1	1.42	95.7
624	12/8/2010 21:01	10.56	43.45	27.88	8.93	7.92	7.3	1.50	95.7
625	12/8/2010 21:16	10.57	43.50	27.92	8.94	7.92	7.3	1.61	95.8
626	12/8/2010 21:31	10.57	43.52	27.93	8.92	7.92	7.1	1.67	95.7
627	12/8/2010 21:46	10.56	43.95	28.23	8.90	7.92	7.0	1.76	95.6
628	12/8/2010 22:01	10.55	44.08	28.33	8.89	7.92	6.8	1.86	95.5
629	12/8/2010 22:16	10.57	44.39	28.55	8.89	7.94	6.9	1.93	95.7
630	12/8/2010 22:31	10.59	44.87	28.89	8.86	7.95	7.3	2.05	95.6
631	12/8/2010 22:46	10.59	45.11	29.06	8.86	7.95	7.4	2.16	95.7
632	12/8/2010 23:01	10.59	45.18	29.12	8.86	7.95	7.8	2.25	95.7
633	12/8/2010 23:16	10.59	45.32	29.21	8.84	7.95	8.7	2.35	95.6
634	12/8/2010 23:31	10.58	45.32	29.22	8.83	7.95	9.8	2.46	95.5
635	12/8/2010 23:46	10.60	45.48	29.33	8.84	7.96	9.5	2.56	95.7
636	12/9/2010 0:01	10.62	45.64	29.44	8.84	7.96	10.7	2.65	95.8
637	12/9/2010 0:16	10.63	45.74	29.52	8.85	7.96	10.9	2.74	96.0
638	12/9/2010 0:31	10.68	45.94	29.66	8.85	7.97	12.6	2.83	96.2
639	12/9/2010 0:46	10.72	46.09	29.77	8.86	7.99	12.8	2.90	96.5
640	12/9/2010 1:01	10.77	46.28	29.91	8.89	7.99	11.8	3.00	96.9
641	12/9/2010 1:16	10.87	46.64	30.17	8.97	8.01	13.0	3.08	98.2
642	12/9/2010 1:31	10.93	46.86	30.33	9.01	8.02	13.7	3.15	98.8
643	12/9/2010 1:46	10.96	46.99	30.43	9.00	8.02	10.1	3.22	98.9
644	12/9/2010 2:01	11.00	47.07	30.49	8.99	8.02	10.1	3.29	98.9
645	12/9/2010 2:16	11.04	47.14	30.54	8.98	8.04	8.1	3.34	98.9
646	12/9/2010 2:31	11.06	47.18	30.57	8.99	8.03	6.3	3.37	99.0
647	12/9/2010 2:46	11.07	47.20	30.59	8.94	8.04	5.7	3.40	98.6
648	12/9/2010 3:01	10.98	46.99	30.43	8.89	8.02	6.4	3.40	97.7
649	12/9/2010 3:16	11.06	47.19	30.57	8.92	8.03	7.0	3.42	98.4
650	12/9/2010 3:31	11.05	47.17	30.56	8.92	8.03	6.8	3.38	98.3
651	12/9/2010 3:46	10.73	46.61	30.14	8.82	7.99	8.5	3.32	96.2
652	12/9/2010 4:01	10.72	46.45	30.03	8.76	7.99	7.8	3.26	95.6
653	12/9/2010 4:16	10.67	46.35	29.95	8.80	7.98	8.8	3.20	95.8
654	12/9/2010 4:31	10.66	46.34	29.94	8.76	7.98	6.6	3.11	95.3
655	12/9/2010 4:46	10.68	46.36	29.96	8.76	7.99	6.4	3.02	95.4
656	12/9/2010 5:01	10.71	46.27	29.90	8.78	7.98	7.9	2.96	95.6
657	12/9/2010 5:16	10.69	46.17	29.83	8.75	7.98	7.0	2.90	95.2
658	12/9/2010 5:31	10.64	46.02	29.72	8.71	7.98	6.8	2.84	94.6
659	12/9/2010 5:46	10.57	45.81	29.56	8.67	7.96	6.3	2.76	94.0
660	12/9/2010 6:01	10.54	45.75	29.52	8.62	7.95	5.8	2.70	93.3
661	12/9/2010 6:16	10.51	45.59	29.40	8.64	7.95	5.9	2.66	93.4
662	12/9/2010 6:31	10.48	45.51	29.35	8.60	7.95	5.7	2.60	92.8
663	12/9/2010 6:46	10.46	45.43	29.29	8.58	7.94	5.4	2.56	92.6
664	12/9/2010 7:01	10.44	45.35	29.23	8.57	7.94	5.5	2.54	92.4
665	12/9/2010 7:16	10.42	45.10	29.05	8.59	7.94	5.3	2.50	92.5
666	12/9/2010 7:31	10.43	45.12	29.06	8.55	7.93	5.1	2.48	92.0
667	12/9/2010 7:46	10.41	45.08	29.03	8.49	7.93	4.3	2.49	91.4
668	12/9/2010 8:01	10.45	45.28	29.18	8.55	7.93	4.9	2.48	92.2
669	12/9/2010 8:16	10.48	45.41	29.27	8.56	7.93	5.3	2.51	92.4
670	12/9/2010 8:31	10.50	45.44	29.30	8.62	7.95	5.6	2.53	93.1
671	12/9/2010 8:46	10.46	45.42	29.28	8.53	7.93	5.7	2.56	92.1

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			
672	12/9/2010 9:01	10.49	45.47	29.31	8.64	7.94	5.8	2.60	93.3
673	12/9/2010 9:16	10.48	45.23	29.14	8.66	7.94	5.6	2.66	93.4
674	12/9/2010 9:31	10.49	45.47	29.31	8.64	7.95	6.2	2.72	93.3
675	12/9/2010 9:46	10.54	45.67	29.46	8.65	7.96	6.0	2.79	93.6
676	12/9/2010 10:01	10.57	45.75	29.52	8.68	7.97	5.9	2.84	94.1
677	12/9/2010 10:16	10.71	46.26	29.89	8.73	7.98	6.2	2.92	95.0
678	12/9/2010 10:31	10.76	46.36	29.97	8.78	7.99	6.2	2.99	95.8
679	12/9/2010 10:46	10.86	46.54	30.10	8.85	8.00	5.5	3.06	96.8
680	12/9/2010 11:01	10.89	46.61	30.15	8.86	8.01	5.4	3.14	97.0
681	12/9/2010 11:16	10.91	46.65	30.18	8.87	8.01	5.6	3.21	97.2
682	12/9/2010 11:31	10.97	46.79	30.28	8.89	8.01	6.0	3.27	97.6
683	12/9/2010 11:46	11.03	46.91	30.38	8.92	8.02	5.9	3.35	98.1
684	12/9/2010 12:01	11.08	47.01	30.45	8.94	8.03	5.7	3.42	98.5
685	12/9/2010 12:16	11.13	47.08	30.50	8.94	8.03	5.6	3.48	98.7
686	12/9/2010 12:31	11.18	47.16	30.56	8.99	8.04	5.5	3.53	99.3
687	12/9/2010 12:46	11.22	47.23	30.61	8.99	8.05	5.2	3.58	99.5
	Mean	9.81	45.88	29.57	9.02	7.98	6.6	2.66	96.1
	Minimum	8.64	42.28	26.99	8.49	7.91	1.6	0.84	90.9
	Maximum	11.22	49.38	32.07	9.83	8.07	27.1	4.08	103.0

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	pH	Turbidity+	Depth meters	DO%
			mS/cm		mg/L		NTU		
0	12/9/2010 13:16	11.27	47.444	30.77	9.1	7.94	3.8	3.681	100.9
1	12/9/2010 13:31	11.28	47.381	30.73	9.01	7.93	2.7	3.688	99.9
2	12/9/2010 13:46	11.21	47.363	30.71	8.98	8.01	3.5	3.67	99.4
3	12/9/2010 14:01	11.26	47.417	30.75	9.02	7.92	3.6	3.659	100
4	12/9/2010 14:16	11.25	47.434	30.76	9	8.03	4	3.598	99.7
5	12/9/2010 14:31	11.2	47.295	30.66	9	8.02	4.2	3.543	99.5
6	12/9/2010 14:46	11.16	46.773	30.28	9.15	8.01	3.4	3.476	100.9
7	12/9/2010 15:01	11.13	46.677	30.21	9.14	8.02	3.5	3.378	100.7
8	12/9/2010 15:16	11.13	46.747	30.26	9.11	8.02	3.6	3.288	100.3
9	12/9/2010 15:31	11.03	46.616	30.16	9.01	7.87	5.4	3.187	99
10	12/9/2010 15:46	10.99	46.434	30.03	9.01	7.86	4.3	3.09	98.8
11	12/9/2010 16:01	10.96	46.301	29.93	8.99	7.85	3.5	2.988	98.5
12	12/9/2010 16:16	10.94	46.155	29.83	8.99	7.85	3.6	2.892	98.3
13	12/9/2010 16:31	10.92	46.089	29.78	8.97	7.84	3.5	2.78	98
14	12/9/2010 16:46	10.91	46.079	29.77	8.94	7.84	4.1	2.673	97.7
15	12/9/2010 17:01	10.9	46.14	29.82	8.92	7.83	4.9	2.56	97.6
16	12/9/2010 17:16	10.9	46.053	29.75	8.92	7.83	4.4	2.433	97.4
17	12/9/2010 17:31	10.91	46.059	29.76	8.87	7.98	4.8	2.317	96.9
18	12/9/2010 17:46	10.85	45.842	29.6	8.88	7.82	5.7	2.214	96.9
19	12/9/2010 18:01	10.85	45.746	29.53	8.85	7.81	5.8	2.074	96.4
20	12/9/2010 18:16	10.79	45.423	29.3	8.86	7.8	6.9	1.96	96.3
21	12/9/2010 18:31	10.79	45.285	29.2	8.81	7.95	5.4	1.834	95.6
22	12/9/2010 18:46	10.78	45.18	29.12	8.81	7.79	5.9	1.702	95.7
23	12/9/2010 19:01	10.75	44.85	28.89	8.86	7.78	6.1	1.619	96
24	12/9/2010 19:16	10.73	44.549	28.67	8.9	7.78	5.4	1.522	96.2
25	12/9/2010 19:31	10.71	44.347	28.53	8.92	7.77	4.8	1.446	96.3
26	12/9/2010 19:46	10.71	44.234	28.45	8.9	7.77	4.1	1.387	96.1
27	12/9/2010 20:01	10.71	44.214	28.43	8.84	7.77	3.2	1.36	95.4
28	12/9/2010 20:16	10.73	44.217	28.44	8.88	7.92	4.2	1.339	95.8
29	12/9/2010 20:31	10.73	44.364	28.54	8.92	7.77	4.7	1.374	96.3
30	12/9/2010 20:46	10.73	44.413	28.57	8.86	7.77	5.1	1.409	95.8
31	12/9/2010 21:01	10.73	44.469	28.61	8.88	7.77	5.1	1.455	96
32	12/9/2010 21:16	10.73	44.483	28.62	8.86	7.76	4.4	1.546	95.8
33	12/9/2010 21:31	10.74	44.35	28.53	8.86	7.76	4.7	1.611	95.7
34	12/9/2010 21:46	10.76	43.886	28.2	8.85	7.92	4.8	1.699	95.5
35	12/9/2010 22:01	10.76	43.73	28.09	8.88	7.75	4.4	1.778	95.7
36	12/9/2010 22:16	10.75	44.223	28.44	8.85	7.76	4.2	1.852	95.5
37	12/9/2010 22:31	10.75	44.189	28.42	8.86	7.92	4.1	1.949	95.6
38	12/9/2010 22:46	10.76	44.524	28.66	8.84	7.92	4.3	2.027	95.6
39	12/9/2010 23:01	10.78	44.833	28.88	8.83	7.93	4	2.11	95.7
40	12/9/2010 23:16	10.8	45.012	29	8.81	7.78	4.2	2.212	95.6
41	12/9/2010 23:31	10.8	45.091	29.06	8.8	7.78	4.3	2.305	95.6
42	12/9/2010 23:46	10.81	45.078	29.05	8.8	7.78	4.5	2.383	95.6
43	12/10/2010 0:01	10.81	45.23	29.16	8.77	7.93	4.8	2.476	95.3
44	12/10/2010 0:16	10.81	45.311	29.22	8.78	7.78	5.2	2.578	95.4
45	12/10/2010 0:31	10.85	45.346	29.25	8.79	7.79	5.2	2.655	95.6
46	12/10/2010 0:46	10.88	45.566	29.4	8.81	7.79	5.8	2.741	96
47	12/10/2010 1:01	10.91	45.823	29.59	8.82	7.8	6	2.827	96.2
48	12/10/2010 1:16	10.96	45.983	29.71	8.84	7.81	7.8	2.91	96.7
49	12/10/2010 1:31	10.99	46.157	29.83	8.87	7.97	7.6	2.985	97.1
50	12/10/2010 1:46	11.04	46.359	29.98	8.88	7.98	7.6	3.072	97.5
51	12/10/2010 2:01	11.12	46.646	30.19	8.91	8	9.2	3.142	98.1
52	12/10/2010 2:16	11.19	46.87	30.35	8.93	8.01	7.4	3.218	98.6
53	12/10/2010 2:31	11.24	47.075	30.5	8.94	8.02	7	3.284	98.9
54	12/10/2010 2:46	11.26	47.151	30.56	8.97	7.86	7	3.347	99.2
55	12/10/2010 3:01	11.26	47.193	30.59	8.93	8.02	5.4	3.388	98.9

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			
56	12/10/2010 3:16	11.28	47.21	30.6	8.88	8.02	3.4	3.414	98.3
57	12/10/2010 3:31	11.29	47.165	30.57	8.86	7.86	3.1	3.435	98.1
58	12/10/2010 3:46	11.24	47.12	30.54	8.86	7.85	4	3.437	98
59	12/10/2010 4:01	11.29	47.207	30.6	8.88	7.86	4.2	3.412	98.3
60	12/10/2010 4:16	11.28	47.192	30.59	8.87	7.85	4.8	3.371	98.3
61	12/10/2010 4:31	11.06	46.361	29.98	8.71	7.97	4.6	3.305	95.6
62	12/10/2010 4:46	11.1	46.482	30.07	8.74	7.81	6.5	3.246	96.1
63	12/10/2010 5:01	11.02	46.194	29.86	8.67	7.8	5.4	3.176	95
64	12/10/2010 5:16	11.02	46.261	29.91	8.7	7.8	4.1	3.108	95.4
65	12/10/2010 5:31	11	46.075	29.77	8.67	7.96	4	3.04	95
66	12/10/2010 5:46	10.98	45.984	29.71	8.67	7.95	4.2	2.962	94.9
67	12/10/2010 6:01	10.94	45.814	29.58	8.62	7.94	3.8	2.906	94.2
68	12/10/2010 6:16	10.9	45.659	29.47	8.65	7.77	3.4	2.853	94.3
69	12/10/2010 6:31	10.89	45.589	29.42	8.59	7.93	3.4	2.783	93.6
70	12/10/2010 6:46	10.89	45.575	29.41	8.5	7.75	3.1	2.737	92.7
71	12/10/2010 7:01	10.86	45.346	29.25	8.55	7.75	2.9	2.692	93
72	12/10/2010 7:16	10.84	45.209	29.15	8.57	7.75	3.2	2.639	93.2
73	12/10/2010 7:31	10.84	45.208	29.15	8.5	7.74	3	2.607	92.4
74	12/10/2010 7:46	10.82	45.085	29.06	8.52	7.74	2.9	2.577	92.6
75	12/10/2010 8:01	10.83	45.12	29.08	8.49	7.9	2.9	2.545	92.3
76	12/10/2010 8:16	10.83	45.067	29.05	8.48	7.9	2.7	2.531	92.1
77	12/10/2010 8:31	10.83	45.037	29.02	8.42	7.74	2.3	2.519	91.4
78	12/10/2010 8:46	10.86	45.301	29.21	8.53	7.92	2.5	2.525	92.8
79	12/10/2010 9:01	10.87	45.356	29.25	8.58	7.92	2.7	2.532	93.3
80	12/10/2010 9:16	10.86	45.284	29.2	8.52	7.91	2.7	2.563	92.7
81	12/10/2010 9:31	10.87	45.239	29.17	8.52	7.75	2.9	2.588	92.7
82	12/10/2010 9:46	10.88	45.329	29.24	8.52	7.75	2.9	2.626	92.7
83	12/10/2010 10:01	10.88	45.205	29.15	8.54	7.9	2.7	2.681	92.9
84	12/10/2010 10:16	10.9	45.459	29.33	8.55	7.91	3	2.732	93.2
85	12/10/2010 10:31	10.91	45.532	29.38	8.58	7.92	3	2.791	93.5
86	12/10/2010 10:46	10.94	45.733	29.53	8.59	7.93	3.4	2.847	93.8
87	12/10/2010 11:01	10.98	45.83	29.6	8.6	7.93	3.1	2.906	94
88	12/10/2010 11:16	11.04	46.161	29.84	8.63	7.95	3.1	2.964	94.6
89	12/10/2010 11:31	11.06	46.192	29.86	8.68	7.79	2.9	3.031	95.2
90	12/10/2010 11:46	11.1	46.37	29.99	8.75	7.96	3.1	3.09	96.2
91	12/10/2010 12:01	11.12	46.372	29.99	8.76	7.81	2.9	3.151	96.3
92	12/10/2010 12:16	11.14	46.534	30.11	8.77	7.97	2.9	3.2	96.6
93	12/10/2010 12:31	11.16	46.566	30.13	8.78	7.97	2.7	3.25	96.6
94	12/10/2010 12:46	11.18	46.542	30.12	8.78	7.82	2.7	3.312	96.7
95	12/10/2010 13:01	11.21	46.63	30.18	8.76	7.98	2.4	3.364	96.6
96	12/10/2010 13:16	11.25	46.711	30.24	8.76	7.99	2.9	3.402	96.7
97	12/10/2010 13:31	11.27	46.781	30.29	8.76	7.83	2.8	3.456	96.8
98	12/10/2010 13:46	11.29	46.796	30.31	8.74	8	2.4	3.489	96.7
99	12/10/2010 14:01	11.35	46.868	30.36	8.73	8.01	2.3	3.493	96.7
100	12/10/2010 14:16	11.34	46.902	30.39	8.76	8	2.4	3.479	97
101	12/10/2010 14:31	11.35	46.958	30.43	8.78	8	2.6	3.491	97.3
102	12/10/2010 14:46	11.34	46.928	30.4	8.78	8	2.4	3.461	97.2
103	12/10/2010 15:01	11.32	46.856	30.35	8.79	8	4.6	3.397	97.2
104	12/10/2010 15:16	11.27	46.506	30.1	8.85	7.98	3.1	3.342	97.7
105	12/10/2010 15:31	11.25	46.333	29.97	8.91	7.98	2.7	3.288	98.3
106	12/10/2010 15:46	11.25	46.411	30.03	8.9	7.81	2.8	3.208	98.2
107	12/10/2010 16:01	11.22	46.176	29.86	8.85	7.8	2.7	3.114	97.5
108	12/10/2010 16:16	11.2	45.911	29.67	8.86	7.96	3.7	3.039	97.3
109	12/10/2010 16:31	11.14	45.797	29.58	8.83	7.95	3.3	2.955	96.9
110	12/10/2010 16:46	11.14	45.673	29.49	8.78	7.78	2.5	2.883	96.2
111	12/10/2010 17:01	11.11	45.631	29.46	8.76	7.94	3.1	2.784	96

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		
112	12/10/2010 17:16	11.09	45.546	29.4	8.75	7.77	3	2.692	95.8
113	12/10/2010 17:31	11.07	45.348	29.26	8.75	7.92	3.4	2.594	95.7
114	12/10/2010 17:46	11.07	45.421	29.31	8.73	7.76	3.5	2.492	95.5
115	12/10/2010 18:01	11.05	45.342	29.25	8.72	7.92	4	2.397	95.2
116	12/10/2010 18:16	11.04	45.212	29.16	8.69	7.91	4	2.28	94.9
117	12/10/2010 18:31	11.04	45.076	29.06	8.67	7.9	4	2.17	94.6
118	12/10/2010 18:46	11.02	44.689	28.79	8.71	7.9	4.3	2.072	94.8
119	12/10/2010 19:01	11.02	44.599	28.72	8.69	7.73	3.8	1.955	94.5
120	12/10/2010 19:16	11.01	44.531	28.67	8.67	7.89	4.2	1.876	94.4
121	12/10/2010 19:31	11.01	40.848	26.06	8.8	7.88	3.7	1.77	94.2
122	12/10/2010 19:46	11.01	44.103	28.37	8.69	7.88	3.7	1.689	94.3
123	12/10/2010 20:01	11.01	44.236	28.46	8.65	7.87	3.3	1.642	94
124	12/10/2010 20:16	11	44.231	28.46	8.62	7.87	3.2	1.572	93.6
125	12/10/2010 20:31	11	44.138	28.39	8.61	7.71	3.1	1.544	93.5
126	12/10/2010 20:46	10.99	44.168	28.41	8.6	7.71	2.9	1.558	93.4
127	12/10/2010 21:01	11	44.302	28.51	8.6	7.87	3.1	1.536	93.5
128	12/10/2010 21:16	11	44.373	28.56	8.64	7.87	2.9	1.574	93.9
129	12/10/2010 21:31	11	44.39	28.57	8.67	7.88	2.8	1.61	94.2
130	12/10/2010 21:46	10.99	44.4	28.58	8.66	7.87	2.9	1.65	94.1
131	12/10/2010 22:01	10.99	44.175	28.42	8.66	7.87	3.2	1.734	94
132	12/10/2010 22:16	11.02	43.718	28.09	8.65	7.86	3.6	1.796	93.8
133	12/10/2010 22:31	11.03	43.592	28.01	8.65	7.71	3.4	1.846	93.7
134	12/10/2010 22:46	11.03	43.591	28	8.64	7.86	3.3	1.919	93.6
135	12/10/2010 23:01	11.03	43.715	28.09	8.65	7.86	3.3	2.021	93.8
136	12/10/2010 23:16	11.04	43.503	27.94	8.65	7.71	3.4	2.081	93.7
137	12/10/2010 23:31	11.04	43.766	28.13	8.64	7.86	3	2.144	93.7
138	12/10/2010 23:46	11.06	43.889	28.22	8.64	7.87	3.1	2.243	93.8
139	12/11/2010 0:01	11.05	44.599	28.72	8.61	7.88	2.9	2.331	93.8
140	12/11/2010 0:16	11.04	44.812	28.87	8.61	7.89	3.1	2.408	93.8
141	12/11/2010 0:31	11.03	45.015	29.02	8.61	7.89	3.2	2.487	93.9
142	12/11/2010 0:46	11.04	45.063	29.05	8.62	7.89	3.1	2.573	94
143	12/11/2010 1:01	11.04	44.965	28.98	8.63	7.89	3.7	2.668	94.1
144	12/11/2010 1:16	11.05	44.976	28.99	8.64	7.89	4.2	2.735	94.2
145	12/11/2010 1:31	11.09	45.357	29.27	8.63	7.9	4.2	2.822	94.4
146	12/11/2010 1:46	11.11	45.547	29.4	8.65	7.91	4.8	2.902	94.7
147	12/11/2010 2:01	11.15	45.737	29.54	8.69	7.78	5.7	2.98	95.3
148	12/11/2010 2:16	11.17	45.86	29.63	8.72	7.79	5.7	3.054	95.7
149	12/11/2010 2:31	11.2	46.045	29.76	8.73	7.94	5.2	3.135	96
150	12/11/2010 2:46	11.24	46.26	29.92	8.73	7.95	4.8	3.203	96.3
151	12/11/2010 3:01	11.31	46.526	30.11	8.75	7.97	4.8	3.266	96.7
152	12/11/2010 3:16	11.38	46.776	30.3	8.75	7.98	4.6	3.332	96.9
153	12/11/2010 3:31	11.43	46.905	30.39	8.73	7.83	3.7	3.367	96.9
154	12/11/2010 3:46	11.45	47.05	30.5	8.71	7.99	2.9	3.415	96.8
155	12/11/2010 4:01	11.46	47.067	30.51	8.67	7.99	2.2	3.438	96.3
156	12/11/2010 4:16	11.44	46.988	30.45	8.7	7.99	2.8	3.442	96.6
157	12/11/2010 4:31	11.44	47.043	30.49	8.67	7.99	2.6	3.434	96.2
158	12/11/2010 4:46	11.45	47.088	30.52	8.68	7.99	2.9	3.403	96.4
159	12/11/2010 5:01	11.43	46.949	30.42	8.67	7.99	2.6	3.374	96.2
160	12/11/2010 5:16	11.34	46.58	30.15	8.56	7.95	3.1	3.315	94.6
161	12/11/2010 5:31	11.28	46.305	29.95	8.55	7.94	3.6	3.249	94.3
162	12/11/2010 5:46	11.22	46.109	29.81	8.57	7.94	3.4	3.192	94.3
163	12/11/2010 6:01	11.17	45.859	29.63	8.54	7.77	4	3.109	93.8
164	12/11/2010 6:16	11.15	45.742	29.54	8.48	7.91	2.8	3.05	93.1
165	12/11/2010 6:31	11.15	45.629	29.46	8.54	7.76	2.9	2.974	93.6
166	12/11/2010 6:46	11.09	45.374	29.28	8.43	7.89	3.3	2.92	92.2
167	12/11/2010 7:01	11.09	45.332	29.25	8.39	7.89	2.6	2.872	91.8

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		
168	12/11/2010 7:16	11.07	45.237	29.18	8.35	7.87	2.4	2.804	91.3
169	12/11/2010 7:31	11.06	45.068	29.06	8.4	7.87	2.4	2.765	91.7
170	12/11/2010 7:46	11.08	45.215	29.16	8.3	7.87	2.1	2.715	90.7
171	12/11/2010 8:01	11.06	44.926	28.96	8.29	7.86	2.1	2.671	90.5
172	12/11/2010 8:16	11.06	44.865	28.91	8.3	7.86	2.1	2.631	90.5
173	12/11/2010 8:31	11.05	44.757	28.84	8.29	7.85	2.1	2.603	90.3
174	12/11/2010 8:46	11.06	44.71	28.8	8.32	7.86	2.1	2.581	90.7
175	12/11/2010 9:01	11.06	44.664	28.77	8.33	7.85	2.3	2.556	90.8
176	12/11/2010 9:16	11.06	44.655	28.76	8.3	7.7	2	2.526	90.4
177	12/11/2010 9:31	11.07	44.93	28.96	8.35	7.87	2	2.534	91.1
178	12/11/2010 9:46	11.07	44.96	28.98	8.42	7.88	2.1	2.535	91.9
179	12/11/2010 10:01	11.09	44.798	28.87	8.32	7.71	1.9	2.542	90.8
180	12/11/2010 10:16	11.12	44.716	28.81	8.35	7.71	1.7	2.571	91.1
181	12/11/2010 10:31	11.08	44.929	28.96	8.36	7.86	1.8	2.586	91.3
182	12/11/2010 10:46	11.09	44.962	28.98	8.42	7.87	2	2.638	91.9
183	12/11/2010 11:01	11.12	44.849	28.9	8.39	7.86	1.9	2.669	91.6
184	12/11/2010 11:16	11.13	45	29.01	8.42	7.87	2	2.716	92
185	12/11/2010 11:31	11.11	45.211	29.16	8.44	7.88	2.1	2.763	92.3
186	12/11/2010 11:46	11.12	45.321	29.24	8.44	7.88	2	2.808	92.4
187	12/11/2010 12:01	11.17	45.468	29.35	8.45	7.89	2.1	2.863	92.6
188	12/11/2010 12:16	11.19	45.515	29.38	8.47	7.9	2	2.903	92.9
189	12/11/2010 12:31	11.21	45.736	29.54	8.48	7.91	1.9	2.961	93.2
190	12/11/2010 12:46	11.25	45.988	29.72	8.53	7.92	2	3.008	93.9
191	12/11/2010 13:01	11.28	46.088	29.8	8.56	7.93	1.8	3.064	94.3
192	12/11/2010 13:16	11.31	46.153	29.85	8.57	7.78	1.6	3.106	94.5
193	12/11/2010 13:31	11.34	46.208	29.89	8.56	7.94	1.6	3.146	94.5
194	12/11/2010 13:46	11.37	46.274	29.94	8.59	7.94	1.4	3.197	94.9
195	12/11/2010 14:01	11.42	46.118	29.83	8.62	7.79	1.5	3.234	95.2
196	12/11/2010 14:16	11.41	46.247	29.92	8.57	7.95	1.5	3.245	94.8
197	12/11/2010 14:31	11.4	46.379	30.01	8.52	7.95	1.3	3.275	94.2
198	12/11/2010 14:46	11.39	46.485	30.09	8.49	7.95	1.4	3.301	94
199	12/11/2010 15:01	11.39	46.505	30.1	8.51	7.95	1.3	3.289	94.1
200	12/11/2010 15:16	11.38	46.579	30.15	8.5	7.95	1.5	3.275	94
201	12/11/2010 15:31	11.37	46.542	30.13	8.52	7.95	1.8	3.252	94.3
202	12/11/2010 15:46	11.37	46.356	29.99	8.52	7.94	1.8	3.229	94.2
203	12/11/2010 16:01	11.36	46.014	29.75	8.54	7.93	1.5	3.188	94.2
204	12/11/2010 16:16	11.37	45.911	29.67	8.57	7.93	1.8	3.125	94.6
205	12/11/2010 16:31	11.43	45.462	29.36	8.72	7.92	2.9	3.066	96.1
206	12/11/2010 16:46	11.42	45.626	29.47	8.64	7.92	2.1	3.012	95.3
207	12/11/2010 17:01	11.41	45.59	29.45	8.64	7.92	2	2.94	95.3
208	12/11/2010 17:16	11.4	45.415	29.32	8.65	7.91	2.7	2.859	95.3
209	12/11/2010 17:31	11.4	45.246	29.2	8.65	7.9	2.4	2.78	95.2
210	12/11/2010 17:46	11.37	45.244	29.2	8.62	7.9	2.7	2.701	94.9
211	12/11/2010 18:01	11.35	45.226	29.18	8.57	7.89	2.4	2.619	94.2
212	12/11/2010 18:16	11.28	45.142	29.12	8.51	7.88	2.7	2.53	93.4
213	12/11/2010 18:31	11.29	45.11	29.1	8.49	7.88	3.1	2.445	93.1
214	12/11/2010 18:46	11.28	45.027	29.04	8.48	7.88	3	2.362	93
215	12/11/2010 19:01	11.29	44.969	29	8.45	7.87	2.8	2.27	92.7
216	12/11/2010 19:16	11.29	44.789	28.87	8.47	7.87	3.1	2.168	92.8
217	12/11/2010 19:31	11.29	44.584	28.72	8.49	7.86	3.2	2.094	93
218	12/11/2010 19:46	11.3	44.357	28.56	8.5	7.7	2.6	2.017	92.9
219	12/11/2010 20:01	11.33	44.295	28.52	8.48	7.85	2.4	1.933	92.8
220	12/11/2010 20:16	11.34	44.221	28.47	8.46	7.69	2.4	1.873	92.6
221	12/11/2010 20:31	11.34	44.226	28.47	8.42	7.84	2.3	1.812	92.1
222	12/11/2010 20:46	11.34	44.183	28.44	8.39	7.84	2.3	1.777	91.8
223	12/11/2010 21:01	11.33	44.122	28.4	8.39	7.84	2	1.74	91.8

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%
224	12/11/2010 21:16	11.34	44.085	28.37	8.41	7.84	2	1.736	91.9
225	12/11/2010 21:31	11.33	44.195	28.45	8.41	7.84	1.9	1.73	92
226	12/11/2010 21:46	11.33	44.176	28.43	8.42	7.69	2.3	1.742	92
227	12/11/2010 22:01	11.32	44.232	28.47	8.41	7.84	2.2	1.786	92
228	12/11/2010 22:16	11.31	44.276	28.5	8.43	7.84	2.1	1.826	92.2
229	12/11/2010 22:31	11.32	44.049	28.34	8.42	7.83	2.7	1.872	92
230	12/11/2010 22:46	11.32	44.096	28.38	8.43	7.84	2.1	1.927	92.1
231	12/11/2010 23:01	11.31	44.02	28.32	8.41	7.83	2.2	1.995	91.8
232	12/11/2010 23:16	11.31	44.042	28.34	8.41	7.83	2.2	2.05	91.9
233	12/11/2010 23:31	11.31	43.881	28.22	8.43	7.83	2.2	2.115	92
234	12/11/2010 23:46	11.3	43.969	28.28	8.42	7.69	2.1	2.183	91.9
235	12/12/2010 0:01	11.29	44.129	28.4	8.43	7.7	2	2.25	92
236	12/12/2010 0:16	11.29	44.124	28.4	8.42	7.84	2.3	2.319	92
237	12/12/2010 0:31	11.3	44.09	28.37	8.42	7.71	2.3	2.392	92
238	12/12/2010 0:46	11.29	44.552	28.7	8.41	7.86	2	2.465	92
239	12/12/2010 1:01	11.26	44.898	28.95	8.42	7.86	2.3	2.543	92.3
240	12/12/2010 1:16	11.26	44.868	28.92	8.43	7.72	2.3	2.623	92.4
241	12/12/2010 1:31	11.26	45.016	29.03	8.43	7.73	2.3	2.694	92.4
242	12/12/2010 1:46	11.27	45.105	29.09	8.43	7.87	2.6	2.768	92.5
243	12/12/2010 2:01	11.28	45.203	29.16	8.43	7.87	2.7	2.846	92.5
244	12/12/2010 2:16	11.31	45.402	29.31	8.45	7.88	3.2	2.93	92.9
245	12/12/2010 2:31	11.35	45.54	29.41	8.48	7.9	4.1	3.001	93.4
246	12/12/2010 2:46	11.37	45.764	29.57	8.5	7.91	3.5	3.068	93.7
247	12/12/2010 3:01	11.38	45.868	29.64	8.51	7.91	3.4	3.149	93.9
248	12/12/2010 3:16	11.4	45.987	29.73	8.53	7.92	3.2	3.215	94.2
249	12/12/2010 3:31	11.42	46.148	29.85	8.54	7.93	2.9	3.279	94.4
250	12/12/2010 3:46	11.45	46.328	29.98	8.54	7.94	2.7	3.334	94.6
251	12/12/2010 4:01	11.54	46.641	30.21	8.59	7.96	2.5	3.39	95.4
252	12/12/2010 4:16	11.56	46.833	30.35	8.58	7.96	2.4	3.427	95.4
253	12/12/2010 4:31	11.59	46.955	30.44	8.59	7.88	1.9	3.457	95.6
254	12/12/2010 4:46	11.6	46.938	30.42	8.55	7.97	1.5	3.48	95.3
255	12/12/2010 5:01	11.58	46.943	30.43	8.55	7.82	2	3.486	95.1
256	12/12/2010 5:16	11.6	46.957	30.44	8.54	7.97	1.9	3.469	95.1
257	12/12/2010 5:31	11.61	47.037	30.5	8.54	7.82	1.6	3.442	95.2
258	12/12/2010 5:46	11.58	46.878	30.38	8.52	7.96	2	3.393	94.8
259	12/12/2010 6:01	11.35	45.676	29.51	8.33	7.74	2.8	3.346	91.8
260	12/12/2010 6:16	11.4	45.954	29.71	8.33	7.76	3.2	3.277	92
261	12/12/2010 6:31	11.4	45.833	29.62	8.43	7.91	3.2	3.198	93
262	12/12/2010 6:46	11.36	45.564	29.43	8.4	7.9	2.9	3.133	92.6
263	12/12/2010 7:01	11.36	45.497	29.38	8.37	7.89	2.6	3.055	92.2
264	12/12/2010 7:16	11.33	45.224	29.18	8.27	7.87	2.1	2.998	90.9
265	12/12/2010 7:31	11.34	45.236	29.19	8.33	7.87	2.2	2.934	91.5
266	12/12/2010 7:46	11.32	45.079	29.08	8.23	7.85	1.9	2.86	90.3
267	12/12/2010 8:01	11.32	44.951	28.99	8.32	7.86	1.9	2.805	91.3
268	12/12/2010 8:16	11.32	44.759	28.85	8.27	7.85	1.6	2.762	90.6
269	12/12/2010 8:31	11.32	44.546	28.7	8.24	7.83	1.7	2.692	90.2
270	12/12/2010 8:46	11.33	44.408	28.6	8.22	7.83	2	2.646	90
271	12/12/2010 9:01	11.34	44.372	28.57	8.21	7.83	1.5	2.611	89.9
272	12/12/2010 9:16	11.38	44.491	28.66	8.23	7.83	1.7	2.552	90.2
273	12/12/2010 9:31	11.37	44.366	28.57	8.25	7.82	1.7	2.523	90.4
274	12/12/2010 9:46	11.37	44.209	28.46	8.22	7.82	1.6	2.491	90
275	12/12/2010 10:01	11.39	44.175	28.44	8.25	7.82	1.6	2.46	90.3
276	12/12/2010 10:16	11.32	44.388	28.58	8.18	7.83	1.2	2.448	89.5
277	12/12/2010 10:31	11.32	44.617	28.75	8.19	7.84	1.4	2.437	89.8
278	12/12/2010 10:46	11.33	44.563	28.71	8.23	7.7	1.4	2.433	90.1
279	12/12/2010 11:01	11.43	44.309	28.53	8.24	7.69	1.6	2.446	90.4

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		
280	12/12/2010 11:16	11.55	44.08	28.37	8.32	7.68	1.2	2.459	91.4
281	12/12/2010 11:31	11.36	44.546	28.7	8.27	7.84	1.4	2.476	90.7
282	12/12/2010 11:46	11.36	44.593	28.73	8.28	7.84	1.4	2.513	90.8
283	12/12/2010 12:01	11.5	44.318	28.54	8.33	7.83	1.5	2.539	91.5
284	12/12/2010 12:16	11.4	44.496	28.66	8.29	7.7	1.6	2.583	90.9
285	12/12/2010 12:31	11.41	44.527	28.69	8.3	7.84	1.8	2.624	91
286	12/12/2010 12:46	11.38	44.754	28.85	8.29	7.85	1.6	2.665	91
287	12/12/2010 13:01	11.37	44.947	28.99	8.26	7.85	1.6	2.704	90.8
288	12/12/2010 13:16	11.4	45.103	29.1	8.29	7.79	1.8	2.749	91.2
289	12/12/2010 13:31	11.44	45.081	29.08	8.31	7.86	1.8	2.787	91.5
290	12/12/2010 13:46	11.42	45.312	29.25	8.29	7.87	1.6	2.824	91.3
291	12/12/2010 14:01	11.53	45.387	29.31	8.36	7.88	1.5	2.871	92.3
292	12/12/2010 14:16	11.51	45.542	29.42	8.38	7.89	1.5	2.903	92.6
293	12/12/2010 14:31	11.53	45.58	29.45	8.4	7.75	1.3	2.943	92.9
294	12/12/2010 14:46	11.51	45.577	29.44	8.37	7.75	1.3	2.97	92.5
295	12/12/2010 15:01	11.56	45.71	29.54	8.38	7.9	1.2	2.997	92.8
296	12/12/2010 15:16	11.63	45.66	29.51	8.42	7.9	1.3	3.027	93.3
297	12/12/2010 15:31	11.67	45.683	29.53	8.38	7.76	0.9	3.036	93
298	12/12/2010 15:46	11.62	45.767	29.58	8.3	7.76	0.9	3.057	92
299	12/12/2010 16:01	11.6	45.676	29.52	8.41	7.76	1.3	3.06	93.1
300	12/12/2010 16:16	11.58	45.806	29.61	8.29	7.9	1.1	3.054	91.8
301	12/12/2010 16:31	11.56	45.82	29.62	8.3	7.9	1	3.04	91.9
302	12/12/2010 16:46	11.55	45.786	29.59	8.32	7.9	1.3	3.016	92.1
303	12/12/2010 17:01	11.56	45.728	29.55	8.36	7.9	1.4	2.976	92.5
304	12/12/2010 17:16	11.55	45.578	29.45	8.34	7.89	1.3	2.945	92.2
305	12/12/2010 17:31	11.57	45.463	29.36	8.36	7.89	1.7	2.886	92.4
306	12/12/2010 17:46	11.62	45.146	29.14	8.42	7.88	1.8	2.831	93.1
307	12/12/2010 18:01	11.61	45.045	29.07	8.45	7.88	2.3	2.765	93.3
308	12/12/2010 18:16	11.57	44.815	28.9	8.42	7.73	2.1	2.711	92.9
309	12/12/2010 18:31	11.6	44.847	28.92	8.53	7.74	2	2.642	94.1
310	12/12/2010 18:46	11.66	44.638	28.78	8.67	7.88	2.3	2.567	95.8
311	12/12/2010 19:01	11.72	44.445	28.64	8.75	7.89	2	2.489	96.6
312	12/12/2010 19:16	11.71	44.354	28.58	8.71	7.74	2.1	2.414	96.1
313	12/12/2010 19:31	11.73	44.082	28.38	8.68	7.87	2.3	2.359	95.7
314	12/12/2010 19:46	11.69	44.113	28.4	8.65	7.72	2.1	2.281	95.3
315	12/12/2010 20:01	11.71	44.054	28.36	8.65	7.86	1.9	2.218	95.4
316	12/12/2010 20:16	11.72	44.035	28.35	8.67	7.72	1.8	2.14	95.6
317	12/12/2010 20:31	11.72	44.042	28.36	8.66	7.86	2	2.082	95.5
318	12/12/2010 20:46	11.71	43.993	28.32	8.62	7.86	1.6	2.049	94.9
319	12/12/2010 21:01	11.71	44.062	28.37	8.58	7.85	1.6	1.956	94.5
320	12/12/2010 21:16	11.73	43.997	28.32	8.47	7.85	2.3	1.937	93.3
321	12/12/2010 21:31	11.77	43.929	28.28	8.53	7.85	2.6	1.915	94.1
322	12/12/2010 21:46	11.72	44.042	28.36	8.53	7.85	1.7	1.893	94
323	12/12/2010 22:01	11.71	44.068	28.37	8.54	7.85	1.6	1.878	94.1
324	12/12/2010 22:16	11.71	44.149	28.43	8.54	7.85	1.8	1.898	94.2
325	12/12/2010 22:31	11.68	44.128	28.41	8.55	7.85	1.7	1.921	94.2
326	12/12/2010 22:46	11.67	44.162	28.44	8.51	7.71	1.6	1.93	93.8
327	12/12/2010 23:01	11.67	44.166	28.44	8.52	7.71	1.8	1.982	93.9
328	12/12/2010 23:16	11.67	44.199	28.47	8.52	7.71	1.6	2.023	93.9
329	12/12/2010 23:31	11.7	43.971	28.3	8.51	7.71	1.6	2.056	93.7
330	12/12/2010 23:46	11.68	43.965	28.3	8.55	7.71	1.6	2.12	94.1
331	12/13/2010 0:01	11.7	43.975	28.31	8.55	7.71	2	2.166	94.1
332	12/13/2010 0:16	11.68	44.026	28.34	8.52	7.71	1.8	2.219	93.9
333	12/13/2010 0:31	11.66	44.213	28.47	8.49	7.84	1.6	2.282	93.5
334	12/13/2010 0:46	11.66	44.132	28.42	8.47	7.85	1.6	2.343	93.2
335	12/13/2010 1:01	11.69	44.01	28.33	8.51	7.85	2.3	2.422	93.7

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		
336	12/13/2010 1:16	11.68	44.104	28.4	8.47	7.85	1.8	2.477	93.3
337	12/13/2010 1:31	11.61	44.755	28.86	8.39	7.86	1.8	2.543	92.5
338	12/13/2010 1:46	11.57	44.846	28.92	8.38	7.86	1.8	2.612	92.4
339	12/13/2010 2:01	11.57	44.783	28.88	8.4	7.73	1.6	2.682	92.6
340	12/13/2010 2:16	11.58	44.92	28.98	8.4	7.86	2.1	2.757	92.7
341	12/13/2010 2:31	11.6	45.135	29.13	8.39	7.87	2.1	2.82	92.7
342	12/13/2010 2:46	11.61	45.268	29.23	8.4	7.75	2.4	2.89	92.9
343	12/13/2010 3:01	11.63	45.42	29.34	8.42	7.75	2.6	2.962	93.2
344	12/13/2010 3:16	11.63	45.582	29.45	8.42	7.89	2.7	3.026	93.3
345	12/13/2010 3:31	11.65	45.635	29.49	8.45	7.9	2.7	3.097	93.7
346	12/13/2010 3:46	11.66	45.804	29.61	8.46	7.91	2.5	3.16	93.9
347	12/13/2010 4:01	11.69	45.916	29.69	8.5	7.85	2.6	3.229	94.4
348	12/13/2010 4:16	11.69	45.95	29.72	8.5	7.92	2.7	3.289	94.5
349	12/13/2010 4:31	11.72	46.187	29.89	8.53	7.93	2.3	3.33	94.9
350	12/13/2010 4:46	11.75	46.312	29.98	8.55	7.81	2.2	3.39	95.3
351	12/13/2010 5:01	11.78	46.575	30.17	8.57	7.82	2	3.423	95.7
352	12/13/2010 5:16	11.79	46.664	30.23	8.54	7.96	1.3	3.441	95.3
353	12/13/2010 5:31	11.8	46.734	30.29	8.54	7.97	0.9	3.462	95.4
354	12/13/2010 5:46	11.79	46.633	30.21	8.53	7.96	1.9	3.462	95.3
355	12/13/2010 6:01	11.81	46.759	30.3	8.53	7.96	1.5	3.449	95.4
356	12/13/2010 6:16	11.8	46.739	30.29	8.54	7.89	1.6	3.418	95.4
357	12/13/2010 6:31	11.78	46.603	30.19	8.5	7.88	1.6	3.388	94.9
358	12/13/2010 6:46	11.7	46.005	29.76	8.35	7.91	2.4	3.321	92.8
359	12/13/2010 7:01	11.68	45.831	29.63	8.36	7.9	2.7	3.26	92.8
360	12/13/2010 7:16	11.66	45.6	29.47	8.31	7.75	2.4	3.212	92.2
361	12/13/2010 7:31	11.65	45.507	29.4	8.31	7.88	2.6	3.122	92
362	12/13/2010 7:46	11.65	45.396	29.32	8.31	7.88	2.2	3.053	92
363	12/13/2010 8:01	11.64	45.219	29.19	8.27	7.87	2	2.994	91.5
364	12/13/2010 8:16	11.63	45.092	29.1	8.22	7.86	1.6	2.926	90.8
365	12/13/2010 8:31	11.63	44.858	28.93	8.27	7.86	2.1	2.866	91.3
366	12/13/2010 8:46	11.63	44.888	28.95	8.26	7.85	1.5	2.794	91.2
367	12/13/2010 9:01	11.63	44.819	28.91	8.2	7.84	1.5	2.742	90.5
368	12/13/2010 9:16	11.65	44.72	28.84	8.2	7.7	1.5	2.69	90.5
369	12/13/2010 9:31	11.66	44.542	28.71	8.24	7.84	1.3	2.624	90.9
370	12/13/2010 9:46	11.68	44.431	28.63	8.25	7.83	1.3	2.575	91
371	12/13/2010 10:01	11.69	44.305	28.54	8.25	7.7	1.1	2.536	91
372	12/13/2010 10:16	11.71	44.288	28.53	8.26	7.83	1	2.485	91.1
373	12/13/2010 10:31	11.72	44.394	28.61	8.24	7.76	1.2	2.441	91
374	12/13/2010 10:46	11.72	44.23	28.49	8.26	7.83	1.2	2.408	91.2
375	12/13/2010 11:01	11.75	44.243	28.5	8.28	7.83	1.1	2.368	91.5
376	12/13/2010 11:16	11.76	44.2	28.47	8.24	7.69	1	2.339	91
377	12/13/2010 11:31	11.75	44.166	28.44	8.23	7.7	0.9	2.326	90.8
378	12/13/2010 11:46	11.68	44.438	28.64	8.21	7.7	0.9	2.313	90.6
379	12/13/2010 12:01	11.81	44.225	28.49	8.33	7.83	1	2.322	92.1
380	12/13/2010 12:16	11.76	44.418	28.62	8.23	7.83	1.2	2.335	90.9
381	12/13/2010 12:31	11.73	44.424	28.63	8.23	7.83	1.1	2.333	90.9
382	12/13/2010 12:46	11.7	44.388	28.6	8.25	7.7	0.9	2.37	91
383	12/13/2010 13:01	11.7	44.46	28.65	8.23	7.7	1	2.408	90.9
384	12/13/2010 13:16	11.77	44.303	28.54	8.23	7.82	1.1	2.438	90.9
385	12/13/2010 13:31	11.75	44.335	28.57	8.22	7.83	1.3	2.465	90.8
386	12/13/2010 13:46	11.76	44.338	28.57	8.24	7.83	1.3	2.513	91
387	12/13/2010 14:01	11.7	44.582	28.74	8.22	7.83	1.2	2.547	90.8
388	12/13/2010 14:16	11.68	44.664	28.8	8.2	7.77	1.2	2.584	90.6
389	12/13/2010 14:31	11.7	44.637	28.78	8.2	7.84	1.2	2.632	90.6
390	12/13/2010 14:46	11.69	44.782	28.88	8.19	7.84	1.3	2.661	90.6
391	12/13/2010 15:01	11.72	44.816	28.91	8.21	7.85	1.3	2.701	90.8

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		
392	12/13/2010 15:16	11.74	44.885	28.96	8.21	7.73	1.2	2.736	90.9
393	12/13/2010 15:31	11.73	45.061	29.08	8.22	7.73	1.2	2.768	91
394	12/13/2010 15:46	11.73	45.144	29.14	8.22	7.86	1.2	2.794	91.1
395	12/13/2010 16:01	11.72	45.289	29.25	8.26	7.74	1	2.832	91.5
396	12/13/2010 16:16	11.73	45.377	29.31	8.27	7.88	1	2.856	91.7
397	12/13/2010 16:31	11.75	45.388	29.32	8.26	7.88	0.9	2.883	91.6
398	12/13/2010 16:46	11.76	45.346	29.29	8.23	7.88	0.7	2.891	91.4
399	12/13/2010 17:01	11.73	45.387	29.32	8.24	7.75	1	2.911	91.5
400	12/13/2010 17:16	11.72	45.509	29.4	8.28	7.88	0.9	2.921	91.9
401	12/13/2010 17:31	11.72	45.572	29.45	8.17	7.81	1.2	2.904	90.7
402	12/13/2010 17:46	11.73	45.491	29.39	8.2	7.88	1.1	2.893	91
403	12/13/2010 18:01	11.73	45.489	29.39	8.2	7.88	0.8	2.881	91
404	12/13/2010 18:16	11.74	45.324	29.27	8.18	7.87	1.5	2.85	90.8
405	12/13/2010 18:31	11.76	45.137	29.14	8.2	7.73	1.8	2.792	90.9
406	12/13/2010 18:46	11.77	45.025	29.06	8.19	7.86	1.2	2.758	90.8
407	12/13/2010 19:01	11.79	44.872	28.95	8.24	7.86	1.5	2.703	91.3
408	12/13/2010 19:16	11.87	44.6	28.76	8.33	7.86	1.3	2.656	92.4
409	12/13/2010 19:31	11.9	44.519	28.7	8.39	7.72	1.8	2.58	93.1
410	12/13/2010 19:46	11.94	44.486	28.68	8.36	7.72	1.6	2.532	92.8
411	12/13/2010 20:01	11.98	44.461	28.66	8.37	7.85	1.6	2.491	93
412	12/13/2010 20:16	12.01	44.381	28.61	8.4	7.85	1.7	2.428	93.3
413	12/13/2010 20:31	12	44.334	28.57	8.41	7.85	1.6	2.37	93.4
414	12/13/2010 20:46	12	44.307	28.56	8.31	7.84	1.8	2.33	92.3
415	12/13/2010 21:01	11.96	44.214	28.49	8.31	7.84	1.6	2.288	92.2
416	12/13/2010 21:16	11.98	44.089	28.4	8.29	7.7	1.6	2.24	92
417	12/13/2010 21:31	11.98	44.101	28.41	8.29	7.83	1.5	2.204	91.9
418	12/13/2010 21:46	11.96	44.015	28.35	8.27	7.7	1.2	2.157	91.6
419	12/13/2010 22:01	12.12	43.662	28.1	8.4	7.83	3.7	2.155	93.2
420	12/13/2010 22:16	12.1	43.939	28.3	8.28	7.84	2.1	2.121	92
421	12/13/2010 22:31	12.09	43.977	28.32	8.24	7.83	1.8	2.096	91.5
422	12/13/2010 22:46	12.07	44.073	28.39	8.14	7.83	1.8	2.102	90.5
423	12/13/2010 23:01	11.95	44.135	28.43	8.24	7.83	1.5	2.109	91.3
424	12/13/2010 23:16	11.92	44.154	28.44	8.21	7.7	1.4	2.111	91
425	12/13/2010 23:31	11.99	44.124	28.42	8.25	7.83	2	2.127	91.6
426	12/13/2010 23:46	12.01	43.971	28.32	8.31	7.83	1.8	2.151	92.1
427	12/14/2010 0:01	11.93	44.16	28.45	8.26	7.83	1.4	2.194	91.5
428	12/14/2010 0:16	11.95	44.087	28.4	8.26	7.83	1.6	2.22	91.6
429	12/14/2010 0:31	11.98	43.89	28.26	8.32	7.83	2	2.265	92.2
430	12/14/2010 0:46	11.93	44.059	28.38	8.29	7.83	1.6	2.305	91.8
431	12/14/2010 1:01	11.91	44.156	28.44	8.26	7.83	1.5	2.36	91.5
432	12/14/2010 1:16	11.91	44.159	28.45	8.26	7.83	1.5	2.411	91.4
433	12/14/2010 1:31	11.95	43.981	28.32	8.28	7.71	2.2	2.463	91.7
434	12/14/2010 1:46	11.94	44.111	28.41	8.28	7.84	2.3	2.524	91.7
435	12/14/2010 2:01	11.91	44.355	28.59	8.3	7.72	2.1	2.589	91.9
436	12/14/2010 2:16	11.89	44.615	28.77	8.33	7.85	2	2.651	92.4
437	12/14/2010 2:31	11.86	44.933	29	8.28	7.86	1.6	2.709	91.9
438	12/14/2010 2:46	11.85	45.095	29.11	8.3	7.86	1.8	2.774	92.2
439	12/14/2010 3:01	11.84	45.248	29.22	8.32	7.87	2	2.844	92.4
440	12/14/2010 3:16	11.83	45.434	29.35	8.32	7.88	1.7	2.912	92.5
441	12/14/2010 3:31	11.82	45.499	29.4	8.32	7.88	1.7	2.982	92.5
442	12/14/2010 3:46	11.82	45.523	29.42	8.32	7.88	1.8	3.051	92.5
443	12/14/2010 4:01	11.83	45.627	29.49	8.33	7.77	2	3.118	92.7
444	12/14/2010 4:16	11.86	45.775	29.6	8.39	7.9	3.2	3.182	93.4
445	12/14/2010 4:31	11.88	45.946	29.72	8.42	7.91	2.7	3.26	94
446	12/14/2010 4:46	11.91	46.058	29.8	8.47	7.92	2.4	3.32	94.6
447	12/14/2010 5:01	11.93	46.183	29.9	8.48	7.93	2.5	3.374	94.8

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		
448	12/14/2010 5:16	11.94	46.275	29.96	8.5	7.94	2.1	3.439	95.1
449	12/14/2010 5:31	11.96	46.404	30.06	8.52	7.95	1.8	3.5	95.4
450	12/14/2010 5:46	11.97	46.457	30.09	8.46	7.95	1.2	3.527	94.8
451	12/14/2010 6:01	11.97	46.493	30.12	8.46	7.95	1.1	3.553	94.8
452	12/14/2010 6:16	11.97	46.468	30.1	8.45	7.94	2.2	3.558	94.7
453	12/14/2010 6:31	11.99	46.552	30.16	8.54	7.95	1.7	3.521	95.7
454	12/14/2010 6:46	11.97	46.453	30.09	8.53	7.95	1.8	3.505	95.6
455	12/14/2010 7:01	11.92	46.238	29.93	8.41	7.93	2	3.462	94
456	12/14/2010 7:16	11.83	45.465	29.38	8.31	7.89	2.3	3.408	92.5
457	12/14/2010 7:31	11.84	45.462	29.37	8.29	7.76	2	3.33	92.1
458	12/14/2010 7:46	11.83	45.462	29.37	8.27	7.88	1.9	3.273	91.9
459	12/14/2010 8:01	11.84	45.286	29.25	8.26	7.88	2.1	3.196	91.8
460	12/14/2010 8:16	11.83	45.111	29.12	8.28	7.74	2	3.124	91.9
461	12/14/2010 8:31	11.81	45.018	29.06	8.26	7.73	1.8	3.068	91.7
462	12/14/2010 8:46	11.8	44.929	28.99	8.21	7.85	1.5	3.004	91
463	12/14/2010 9:01	11.8	44.861	28.94	8.19	7.85	1.6	2.926	90.8
464	12/14/2010 9:16	11.82	44.702	28.83	8.23	7.85	1.6	2.879	91.2
465	12/14/2010 9:31	11.83	44.591	28.75	8.22	7.84	1.7	2.805	91.1
466	12/14/2010 9:46	11.84	44.532	28.71	8.24	7.84	1.5	2.736	91.3
467	12/14/2010 10:01	11.85	44.417	28.63	8.24	7.84	1.5	2.692	91.3
468	12/14/2010 10:16	11.87	44.249	28.51	8.24	7.83	1.8	2.603	91.2
469	12/14/2010 10:31	11.9	44.014	28.34	8.26	7.83	1.5	2.547	91.3
470	12/14/2010 10:46	11.92	44.012	28.34	8.29	7.83	1.5	2.491	91.8
471	12/14/2010 11:01	11.92	43.997	28.33	8.33	7.83	1.6	2.394	92.2
472	12/14/2010 11:16	11.93	44.007	28.34	8.36	7.83	1.6	2.356	92.5
473	12/14/2010 11:31	11.95	43.871	28.24	8.37	7.77	1.5	2.29	92.7
474	12/14/2010 11:46	11.96	43.822	28.21	8.44	7.84	1.4	2.234	93.5
475	12/14/2010 12:01	11.97	43.835	28.22	8.48	7.72	1.5	2.175	93.8
476	12/14/2010 12:16	11.97	43.762	28.17	8.49	7.84	1.4	2.142	94
477	12/14/2010 12:31	11.98	43.632	28.07	8.49	7.72	1.5	2.123	93.9
478	12/14/2010 12:46	12.01	43.53	28	8.42	7.83	1.2	2.086	93.1
479	12/14/2010 13:01	11.97	43.78	28.18	8.44	7.84	1.2	2.087	93.5
480	12/14/2010 13:16	11.91	43.927	28.28	8.29	7.83	1	2.078	91.7
481	12/14/2010 13:31	12	43.546	28.01	8.42	7.83	1.2	2.106	93.2
482	12/14/2010 13:46	11.92	43.92	28.28	8.31	7.77	1.3	2.156	91.9
483	12/14/2010 14:01	11.97	43.643	28.08	8.32	7.77	1.3	2.143	92.1
484	12/14/2010 14:16	11.93	43.855	28.23	8.26	7.82	1.2	2.206	91.4
485	12/14/2010 14:31	11.93	43.746	28.15	8.24	7.82	1.3	2.257	91.2
486	12/14/2010 14:46	11.92	43.822	28.21	8.22	7.82	1.5	2.297	90.9
487	12/14/2010 15:01	11.93	43.481	27.96	8.25	7.7	1.6	2.357	91.1
488	12/14/2010 15:16	11.91	43.776	28.17	8.21	7.81	1.5	2.379	90.7
489	12/14/2010 15:31	11.9	43.89	28.25	8.19	7.82	1.2	2.417	90.5
490	12/14/2010 15:46	11.89	43.916	28.27	8.2	7.7	1.3	2.473	90.7
491	12/14/2010 16:01	11.89	43.995	28.33	8.17	7.82	1.5	2.505	90.3
492	12/14/2010 16:16	11.88	44.031	28.35	8.17	7.83	1.7	2.552	90.4
493	12/14/2010 16:31	11.88	44.09	28.4	8.17	7.71	1.6	2.592	90.4
494	12/14/2010 16:46	11.88	44.196	28.47	8.18	7.83	1.5	2.623	90.6
495	12/14/2010 17:01	11.88	44.283	28.53	8.19	7.83	1.5	2.646	90.6
496	12/14/2010 17:16	11.88	44.301	28.55	8.21	7.84	1.4	2.697	90.9
497	12/14/2010 17:31	11.87	44.499	28.69	8.18	7.84	1.2	2.71	90.7
498	12/14/2010 17:46	11.86	44.648	28.79	8.17	7.84	1.3	2.749	90.6
499	12/14/2010 18:01	11.86	44.754	28.87	8.18	7.84	1.1	2.778	90.7
500	12/14/2010 18:16	11.86	44.621	28.77	8.2	7.84	1.7	2.804	90.9
501	12/14/2010 18:31	11.86	44.664	28.8	8.13	7.84	1.1	2.831	90.1
502	12/14/2010 18:46	11.86	44.609	28.77	8.01	7.72	0.9	2.807	88.8
503	12/14/2010 19:01	11.86	44.772	28.88	8.06	7.84	1.3	2.821	89.4

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		
504	12/14/2010 19:16	11.86	44.735	28.86	8.13	7.73	1.2	2.81	90.2
505	12/14/2010 19:31	11.86	44.795	28.9	8.14	7.84	1.3	2.799	90.4
506	12/14/2010 19:46	11.86	44.663	28.8	8.17	7.84	1.8	2.75	90.6
507	12/14/2010 20:01	11.87	44.53	28.71	8.15	7.84	1.4	2.712	90.3
508	12/14/2010 20:16	11.88	44.257	28.51	8.16	7.71	1.5	2.686	90.4
509	12/14/2010 20:31	11.89	44.012	28.34	8.2	7.83	2.4	2.615	90.7
510	12/14/2010 20:46	11.88	43.912	28.27	8.19	7.82	1.8	2.585	90.5
511	12/14/2010 21:01	11.88	43.841	28.22	8.19	7.82	1.9	2.533	90.5
512	12/14/2010 21:16	11.87	43.555	28.01	8.28	7.82	2.1	2.474	91.3
513	12/14/2010 21:31	11.85	43.4	27.9	8.3	7.82	1.8	2.444	91.4
514	12/14/2010 21:46	11.8	43.108	27.69	8.33	7.82	2	2.392	91.6
515	12/14/2010 22:01	11.81	43.236	27.78	8.34	7.82	1.8	2.355	91.7
516	12/14/2010 22:16	11.8	43.162	27.73	8.28	7.7	1.7	2.306	91
517	12/14/2010 22:31	11.81	43.36	27.87	8.26	7.81	1.6	2.258	90.9
518	12/14/2010 22:46	11.73	42.895	27.54	8.33	7.81	2	2.253	91.3
519	12/14/2010 23:01	11.81	43.357	27.87	8.18	7.76	1.3	2.217	90.1
520	12/14/2010 23:16	11.7	42.687	27.39	8.24	7.81	2	2.203	90.2
521	12/14/2010 23:31	11.72	42.792	27.47	8.23	7.81	2	2.219	90.2
522	12/14/2010 23:46	11.73	42.887	27.53	8.23	7.8	2	2.203	90.3
523	12/15/2010 0:01	11.72	42.938	27.57	8.33	7.81	1.6	2.192	91.4
524	12/15/2010 0:16	11.73	42.876	27.53	8.33	7.81	1.7	2.215	91.4
525	12/15/2010 0:31	11.76	43.045	27.65	8.24	7.7	2	2.233	90.5
526	12/15/2010 0:46	11.75	42.994	27.61	8.26	7.8	1.9	2.257	90.6
527	12/15/2010 1:01	11.82	43.28	27.82	8.17	7.81	1.5	2.308	90
528	12/15/2010 1:16	11.79	43.247	27.79	8.19	7.8	1.8	2.332	90.1
529	12/15/2010 1:31	11.82	43.532	28	8.13	7.81	1.5	2.376	89.7
530	12/15/2010 1:46	11.84	43.71	28.12	8.14	7.81	1.5	2.415	89.9
531	12/15/2010 2:01	11.83	43.912	28.27	8.12	7.82	1.8	2.478	89.7
532	12/15/2010 2:16	11.83	44.041	28.36	8.14	7.82	1.9	2.529	89.9
533	12/15/2010 2:31	11.83	44.023	28.35	8.16	7.82	1.6	2.582	90.1
534	12/15/2010 2:46	11.82	43.851	28.22	8.18	7.82	1.6	2.637	90.3
535	12/15/2010 3:01	11.79	43.737	28.14	8.2	7.82	1.9	2.693	90.4
536	12/15/2010 3:16	11.75	43.705	28.12	8.21	7.82	2.1	2.756	90.5
537	12/15/2010 3:31	11.72	43.761	28.16	8.25	7.72	2.3	2.798	90.8
538	12/15/2010 3:46	11.73	43.976	28.31	8.26	7.83	2.8	2.876	91
539	12/15/2010 4:01	11.7	43.974	28.31	8.26	7.79	2.1	2.939	90.9
540	12/15/2010 4:16	11.69	44.198	28.47	8.25	7.84	2.1	2.993	91
541	12/15/2010 4:31	11.76	44.609	28.76	8.23	7.81	2.1	3.062	91.1
542	12/15/2010 4:46	11.83	45.138	29.14	8.22	7.86	2.1	3.138	91.3
543	12/15/2010 5:01	11.83	45.261	29.23	8.26	7.88	2.1	3.205	91.7
544	12/15/2010 5:16	11.84	45.365	29.31	8.28	7.88	2.6	3.266	92.1
545	12/15/2010 5:31	11.82	45.466	29.38	8.33	7.89	2.5	3.331	92.6
546	12/15/2010 5:46	11.81	45.562	29.44	8.37	7.9	2.3	3.384	93
547	12/15/2010 6:01	11.81	45.672	29.52	8.39	7.91	2.3	3.439	93.4
548	12/15/2010 6:16	11.8	45.743	29.57	8.4	7.91	2.1	3.468	93.5
549	12/15/2010 6:31	11.79	45.8	29.61	8.43	7.81	1.8	3.509	93.8
550	12/15/2010 6:46	11.78	45.856	29.65	8.42	7.81	1.6	3.534	93.7
551	12/15/2010 7:01	11.77	45.927	29.71	8.4	7.81	1.3	3.524	93.5
552	12/15/2010 7:16	11.77	46.017	29.77	8.46	7.82	2.2	3.522	94.2
553	12/15/2010 7:31	11.77	45.995	29.75	8.42	7.92	1.8	3.504	93.7
554	12/15/2010 7:46	11.76	45.991	29.75	8.47	7.92	3.1	3.466	94.3
555	12/15/2010 8:01	11.76	45.826	29.63	8.42	7.92	2.4	3.419	93.6
556	12/15/2010 8:16	11.75	45.311	29.26	8.32	7.9	2.7	3.363	92.3
557	12/15/2010 8:31	11.78	45.367	29.3	8.31	7.78	2.2	3.304	92.2
558	12/15/2010 8:46	11.73	45.096	29.11	8.3	7.78	2.5	3.239	91.9
559	12/15/2010 9:01	11.61	44.58	28.73	8.29	7.76	3.2	3.149	91.4

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%
560	12/15/2010 9:16	11.53	44.343	28.56	8.28	7.85	2.4	3.088	91
561	12/15/2010 9:31	11.49	44.195	28.45	8.27	7.84	2.4	3.017	90.8
562	12/15/2010 9:46	11.43	43.966	28.29	8.28	7.83	2.5	2.923	90.7
563	12/15/2010 10:01	11.34	43.537	27.98	8.3	7.82	2.4	2.856	90.6
564	12/15/2010 10:16	11.34	43.416	27.89	8.28	7.82	2.3	2.793	90.3
565	12/15/2010 10:31	11.31	43.121	27.68	8.49	7.83	2.7	2.707	92.3
566	12/15/2010 10:46	11.39	43.132	27.69	8.49	7.82	2.7	2.606	92.6
567	12/15/2010 11:01	11.47	43.274	27.8	8.6	7.84	2.5	2.524	94
568	12/15/2010 11:16	11.46	43.16	27.72	8.65	7.84	2.5	2.452	94.4
569	12/15/2010 11:31	11.5	43.189	27.74	8.72	7.74	2.4	2.377	95.3
570	12/15/2010 11:46	11.54	43.146	27.71	8.8	7.85	2.2	2.269	96.3
571	12/15/2010 12:01	11.57	42.944	27.57	8.91	7.86	2.3	2.21	97.5
572	12/15/2010 12:16	11.66	42.785	27.46	9.08	7.76	2.1	2.148	99.4
573	12/15/2010 12:31	11.62	42.798	27.47	9.08	7.77	2.1	2.086	99.3
574	12/15/2010 12:46	11.68	42.715	27.41	9.19	7.77	2	1.998	100.7
575	12/15/2010 13:01	11.72	42.76	27.44	9.23	7.78	2	1.958	101.2
576	12/15/2010 13:16	11.7	42.771	27.45	9.24	7.88	2.2	1.929	101.3
577	12/15/2010 13:31	11.7	42.671	27.38	9.2	7.87	2	1.891	100.7
578	12/15/2010 13:46	11.63	42.816	27.48	9.08	7.87	1.6	1.896	99.3
579	12/15/2010 14:01	11.51	42.779	27.45	8.86	7.85	1.6	1.887	96.7
580	12/15/2010 14:16	11.62	42.567	27.3	9	7.76	1.9	1.923	98.3
581	12/15/2010 14:31	11.53	42.749	27.43	8.87	7.75	2	1.937	96.8
582	12/15/2010 14:46	11.52	42.793	27.46	8.76	7.83	1.8	1.963	95.6
583	12/15/2010 15:01	11.52	42.82	27.48	8.75	7.83	1.8	2.029	95.5
584	12/15/2010 15:16	11.55	42.699	27.39	8.77	7.83	2	2.077	95.7
585	12/15/2010 15:31	11.52	42.731	27.42	8.7	7.83	2.1	2.123	94.9
586	12/15/2010 15:46	11.51	42.56	27.29	8.67	7.82	2.4	2.173	94.5
587	12/15/2010 16:01	11.48	42.568	27.3	8.64	7.82	2.4	2.238	94.1
588	12/15/2010 16:16	11.48	42.601	27.32	8.62	7.82	2.3	2.277	94
589	12/15/2010 16:31	11.47	42.496	27.25	8.62	7.79	2.1	2.319	93.8
590	12/15/2010 16:46	11.46	42.586	27.31	8.51	7.81	2.6	2.377	92.7
591	12/15/2010 17:01	11.47	42.692	27.39	8.43	7.81	2.8	2.429	91.8
592	12/15/2010 17:16	11.48	42.907	27.54	8.39	7.81	2.7	2.479	91.5
593	12/15/2010 17:31	11.52	43.002	27.61	8.37	7.81	2.7	2.52	91.4
594	12/15/2010 17:46	11.52	42.945	27.57	8.38	7.81	2.8	2.573	91.5
595	12/15/2010 18:01	11.52	43.032	27.63	8.36	7.81	2.6	2.611	91.3
596	12/15/2010 18:16	11.53	43.14	27.71	8.35	7.81	2.7	2.647	91.3
597	12/15/2010 18:31	11.51	43.179	27.73	8.36	7.78	2.5	2.68	91.3
598	12/15/2010 18:46	11.5	43.08	27.66	8.36	7.81	2.6	2.718	91.3
599	12/15/2010 19:01	11.48	43.459	27.93	8.29	7.81	2.3	2.755	90.7
600	12/15/2010 19:16	11.47	43.623	28.05	8.25	7.78	2.1	2.772	90.3
601	12/15/2010 19:31	11.47	43.543	27.99	8.26	7.81	2.1	2.805	90.4
602	12/15/2010 19:46	11.49	43.663	28.08	8.22	7.81	2.1	2.823	90
603	12/15/2010 20:01	11.48	43.698	28.1	8.15	7.72	2.1	2.834	89.3
604	12/15/2010 20:16	11.49	43.831	28.2	8.16	7.81	2	2.841	89.4
605	12/15/2010 20:31	11.49	43.784	28.16	8.18	7.81	2.1	2.813	89.6
606	12/15/2010 20:46	11.49	43.77	28.15	8.21	7.81	2.2	2.814	89.9
607	12/15/2010 21:01	11.49	43.695	28.1	8.2	7.81	2.3	2.783	89.8
608	12/15/2010 21:16	11.49	43.575	28.01	8.23	7.78	2.3	2.749	90.1
609	12/15/2010 21:31	11.5	43.471	27.94	8.24	7.78	2.3	2.716	90.2
610	12/15/2010 21:46	11.49	43.416	27.9	8.26	7.81	2.9	2.655	90.4
611	12/15/2010 22:01	11.51	43.012	27.61	8.43	7.82	2.7	2.636	92
612	12/15/2010 22:16	11.5	43.01	27.61	8.46	7.82	2.6	2.579	92.3
613	12/15/2010 22:31	11.45	42.954	27.57	8.43	7.82	2.5	2.527	92
614	12/15/2010 22:46	11.41	42.823	27.48	8.44	7.82	2.4	2.501	91.9
615	12/15/2010 23:01	11.32	42.543	27.27	8.51	7.82	2.5	2.457	92.4

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		
616	12/15/2010 23:16	11.25	42.429	27.19	8.56	7.82	2.5	2.423	92.7
617	12/15/2010 23:31	11.15	42.283	27.08	8.61	7.82	2.7	2.397	93
618	12/15/2010 23:46	11.24	42.43	27.19	8.48	7.81	2	2.359	91.8
619	12/16/2010 0:01	11.14	42.221	27.04	8.56	7.82	2.3	2.347	92.4
620	12/16/2010 0:16	11.27	42.505	27.24	8.41	7.81	1.7	2.322	91.2
621	12/16/2010 0:31	11.31	42.621	27.33	8.4	7.81	1.6	2.306	91.2
622	12/16/2010 0:46	11.16	42.075	26.94	8.43	7.8	2.6	2.305	91
623	12/16/2010 1:01	11.2	42.166	27	8.42	7.8	2.7	2.333	91
624	12/16/2010 1:16	11.28	42.43	27.19	8.4	7.8	2.8	2.331	91
625	12/16/2010 1:31	11.31	42.611	27.32	8.41	7.81	2.1	2.36	91.3
626	12/16/2010 1:46	11.33	42.63	27.34	8.39	7.81	2.1	2.384	91.1
627	12/16/2010 2:01	11.27	42.571	27.29	8.43	7.8	2.1	2.425	91.4
628	12/16/2010 2:16	11.38	42.846	27.49	8.34	7.8	2	2.477	90.8
629	12/16/2010 2:31	11.38	42.856	27.5	8.33	7.8	2.7	2.512	90.7
630	12/16/2010 2:46	11.36	42.891	27.52	8.35	7.8	2.6	2.565	90.8
631	12/16/2010 3:01	11.35	42.94	27.56	8.38	7.81	2.6	2.618	91.2
632	12/16/2010 3:16	11.38	43.111	27.68	8.34	7.81	2.4	2.677	90.9
633	12/16/2010 3:31	11.3	42.821	27.47	8.38	7.81	2.4	2.732	91.1
634	12/16/2010 3:46	11.26	42.781	27.44	8.4	7.79	2.6	2.795	91.2
635	12/16/2010 4:01	11.17	42.827	27.47	8.42	7.81	2.7	2.869	91.2
636	12/16/2010 4:16	11	42.846	27.47	8.47	7.81	3.3	2.915	91.4
637	12/16/2010 4:31	11.1	43.103	27.66	8.48	7.82	3.2	2.979	91.8
638	12/16/2010 4:46	11.14	43.257	27.77	8.45	7.83	3	3.055	91.7
639	12/16/2010 5:01	11.07	43.189	27.72	8.52	7.84	3.4	3.13	92.3
640	12/16/2010 5:16	11.07	43.604	28.02	8.56	7.86	3.2	3.2	92.9
641	12/16/2010 5:31	11.23	44.286	28.51	8.56	7.88	3.1	3.269	93.5
642	12/16/2010 5:46	11.3	44.613	28.74	8.64	7.88	3.1	3.339	94.6
643	12/16/2010 6:01	11.53	45.568	29.44	8.63	7.91	3.5	3.408	95.3
644	12/16/2010 6:16	11.51	45.7	29.53	8.68	7.92	4.5	3.469	96
645	12/16/2010 6:31	11.5	45.741	29.56	8.71	7.83	3.8	3.524	96.3
646	12/16/2010 6:46	11.47	45.759	29.57	8.73	7.93	3.4	3.577	96.4
647	12/16/2010 7:01	11.45	45.81	29.61	8.76	7.84	3.2	3.611	96.7
648	12/16/2010 7:16	11.44	45.911	29.68	8.76	7.93	3.1	3.642	96.7
649	12/16/2010 7:31	11.43	45.918	29.68	8.73	7.94	2.1	3.648	96.5
650	12/16/2010 7:46	11.44	45.817	29.61	8.66	7.93	2.7	3.668	95.6
651	12/16/2010 8:01	11.44	45.785	29.59	8.71	7.84	3.3	3.648	96.2
652	12/16/2010 8:16	11.4	45.884	29.66	8.78	7.94	3.8	3.617	96.9
653	12/16/2010 8:31	11.39	45.846	29.63	8.74	7.93	3.2	3.583	96.5
654	12/16/2010 8:46	11.38	45.81	29.6	8.78	7.94	4.4	3.511	96.8
655	12/16/2010 9:01	11.19	44.87	28.92	8.56	7.88	3.8	3.455	93.6
656	12/16/2010 9:16	11.3	45.18	29.15	8.61	7.91	3.7	3.373	94.5
657	12/16/2010 9:31	11.25	44.875	28.93	8.58	7.9	3.7	3.298	94
658	12/16/2010 9:46	11.09	44.275	28.49	8.53	7.87	3.4	3.207	92.8
659	12/16/2010 10:01	10.77	43.336	27.81	8.58	7.84	2.6	3.124	92.3
660	12/16/2010 10:16	10.79	43.171	27.69	8.58	7.83	2.8	3.035	92.3
661	12/16/2010 10:31	10.76	43.063	27.62	8.63	7.83	2.3	2.947	92.8
662	12/16/2010 10:46	10.8	42.938	27.53	8.68	7.83	2.5	2.84	93.3
663	12/16/2010 11:01	10.86	43.11	27.66	8.74	7.84	2.2	2.771	94.2
664	12/16/2010 11:16	10.84	42.891	27.5	8.79	7.84	2.7	2.66	94.5
665	12/16/2010 11:31	11	43.195	27.72	8.83	7.86	2.2	2.568	95.4
666	12/16/2010 11:46	10.93	42.911	27.52	8.9	7.85	2.7	2.475	96
667	12/16/2010 12:01	10.99	42.882	27.5	9.01	7.86	2.8	2.38	97.2
668	12/16/2010 12:16	10.96	42.694	27.36	9.05	7.86	2.5	2.292	97.5
669	12/16/2010 12:31	10.99	42.596	27.3	9.15	7.87	2.6	2.172	98.7
670	12/16/2010 12:46	11	42.507	27.23	9.32	7.88	2.5	2.098	100.5
671	12/16/2010 13:01	10.99	42.346	27.12	9.33	7.88	2.6	2.014	100.5

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%
672	12/16/2010 13:16	10.98	42.338	27.11	9.4	7.88	2.2	1.941	101.2
673	12/16/2010 13:31	11.04	42.364	27.14	9.41	7.89	2.1	1.866	101.5
674	12/16/2010 13:46	11.07	42.356	27.13	9.45	7.89	2.1	1.789	101.9
675	12/16/2010 14:01	11.02	42.261	27.06	9.42	7.88	2.1	1.765	101.4
676	12/16/2010 14:16	10.98	42.186	27.01	9.38	7.88	2.3	1.727	100.9
677	12/16/2010 14:31	10.94	42.122	26.96	9.41	7.88	2.1	1.707	101.1
678	12/16/2010 14:46	11.03	42.23	27.04	9.42	7.88	2.7	1.717	101.5
679	12/16/2010 15:01	11.02	42.232	27.04	9.37	7.88	2.1	1.733	100.9
680	12/16/2010 15:16	11.01	42.234	27.04	9.35	7.88	2.2	1.767	100.7
681	12/16/2010 15:31	10.95	42.146	26.98	9.3	7.87	2	1.797	99.9
682	12/16/2010 15:46	10.9	42.056	26.91	9.22	7.86	2	1.856	98.9
683	12/16/2010 16:01	10.86	41.829	26.75	9.16	7.85	2.5	1.908	98.1
684	12/16/2010 16:16	10.84	41.658	26.63	9.1	7.84	2.9	1.964	97.3
685	12/16/2010 16:31	10.8	41.512	26.52	9.06	7.83	3.1	2.03	96.8
686	12/16/2010 16:46	10.82	41.594	26.58	9.01	7.83	3.1	2.093	96.3
687	12/16/2010 17:01	10.82	41.619	26.6	8.98	7.83	3.1	2.159	96
688	12/16/2010 17:16	10.83	41.859	26.77	8.95	7.83	2.6	2.219	95.9
689	12/16/2010 17:31	10.83	41.912	26.81	8.85	7.82	2.9	2.275	94.8
690	12/16/2010 17:46	10.87	42.156	26.98	8.76	7.82	2.7	2.342	94
691	12/16/2010 18:01	10.91	42.121	26.96	8.71	7.82	2.9	2.389	93.5
692	12/16/2010 18:16	10.94	42.368	27.13	8.65	7.82	2.7	2.452	93
693	12/16/2010 18:31	11	42.843	27.47	8.57	7.82	2.6	2.51	92.5
694	12/16/2010 18:46	10.99	42.94	27.54	8.53	7.81	2.7	2.556	92.1
695	12/16/2010 19:01	10.98	43.082	27.64	8.53	7.81	2.4	2.618	92.1
696	12/16/2010 19:16	10.98	43.084	27.64	8.52	7.81	2.4	2.671	92
697	12/16/2010 19:31	10.99	43.199	27.72	8.51	7.82	2.5	2.724	92
698	12/16/2010 19:46	10.98	43.237	27.75	8.52	7.82	2.6	2.762	92
699	12/16/2010 20:01	11	43.315	27.81	8.49	7.82	2.4	2.805	91.9
700	12/16/2010 20:16	11.02	43.411	27.88	8.45	7.83	2.3	2.844	91.5
701	12/16/2010 20:31	11.04	43.531	27.96	8.45	7.83	2.3	2.883	91.6
702	12/16/2010 20:46	11.05	43.58	28	8.46	7.84	2.1	2.903	91.7
703	12/16/2010 21:01	11.05	43.625	28.03	8.42	7.84	1.5	2.919	91.3
704	12/16/2010 21:16	11.05	43.653	28.05	8.34	7.84	2	2.934	90.5
705	12/16/2010 21:31	11.02	43.666	28.06	8.4	7.83	1.7	2.936	91
706	12/16/2010 21:46	11.02	43.438	27.9	8.39	7.83	2	2.92	90.8
707	12/16/2010 22:01	11.06	43.687	28.07	8.47	7.84	2.3	2.892	91.9
708	12/16/2010 22:16	11.05	43.558	27.98	8.46	7.84	2.3	2.865	91.7
709	12/16/2010 22:31	11.02	43.532	27.96	8.44	7.83	2.3	2.834	91.4
710	12/16/2010 22:46	10.61	42.953	27.53	8.49	7.82	2.6	2.79	90.9
711	12/16/2010 23:01	10.7	42.931	27.52	8.5	7.81	2.7	2.747	91.2
712	12/16/2010 23:16	10.74	42.875	27.48	8.5	7.82	2.6	2.707	91.2
713	12/16/2010 23:31	10.69	42.687	27.35	8.55	7.82	2.6	2.658	91.6
714	12/16/2010 23:46	10.52	42.453	27.17	8.62	7.81	2.8	2.604	91.9
715	12/17/2010 0:01	10.34	42.307	27.06	8.64	7.8	2.6	2.564	91.6
716	12/17/2010 0:16	10.35	42.088	26.91	8.68	7.81	2.6	2.545	92.1
717	12/17/2010 0:31	10.37	42.061	26.89	8.65	7.81	2.2	2.508	91.7
718	12/17/2010 0:46	10.34	42.131	26.94	8.64	7.8	2.2	2.465	91.6
719	12/17/2010 1:01	10.25	42.061	26.88	8.56	7.79	2.3	2.47	90.5
720	12/17/2010 1:16	10.29	42.088	26.91	8.5	7.79	1.9	2.448	90
721	12/17/2010 1:31	10.59	42.334	27.09	8.46	7.8	1.7	2.425	90.3
722	12/17/2010 1:46	10.24	42.194	26.98	8.51	7.79	2.4	2.443	90
723	12/17/2010 2:01	10.19	42.123	26.92	8.51	7.79	2.4	2.449	90
724	12/17/2010 2:16	10.23	42.101	26.91	8.55	7.79	2.2	2.472	90.4
725	12/17/2010 2:31	10.57	42.519	27.22	8.5	7.8	2.3	2.491	90.7
726	12/17/2010 2:46	10.38	42.313	27.07	8.58	7.8	1.9	2.523	91.1
727	12/17/2010 3:01	10.43	42.344	27.09	8.57	7.8	2.3	2.571	91.2

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		
728	12/17/2010 3:16	10.48	42.336	27.09	8.58	7.8	2.4	2.599	91.3
729	12/17/2010 3:31	10.75	42.827	27.45	8.52	7.81	2.5	2.65	91.4
730	12/17/2010 3:46	10.74	42.983	27.56	8.55	7.82	2.7	2.715	91.8
731	12/17/2010 4:01	10.77	43.128	27.66	8.56	7.82	2.3	2.765	92
732	12/17/2010 4:16	10.77	43.132	27.67	8.57	7.82	2.2	2.828	92.1
733	12/17/2010 4:31	10.75	43.261	27.76	8.58	7.83	2.1	2.893	92.3
734	12/17/2010 4:46	10.72	43.44	27.88	8.6	7.84	2.1	2.958	92.5
735	12/17/2010 5:01	10.64	43.465	27.9	8.63	7.83	2.4	3.032	92.6
736	12/17/2010 5:16	10.71	43.72	28.08	8.63	7.84	2	3.097	92.9
737	12/17/2010 5:31	10.71	43.677	28.05	8.67	7.85	2.1	3.175	93.4
738	12/17/2010 5:46	10.89	44.357	28.54	8.71	7.88	2.7	3.252	94.4
739	12/17/2010 6:01	11.02	45.129	29.1	8.71	7.89	3	3.325	95
740	12/17/2010 6:16	11.06	45.326	29.24	8.74	7.9	4	3.38	95.5
741	12/17/2010 6:31	11.06	45.45	29.33	8.74	7.91	3.8	3.463	95.6
742	12/17/2010 6:46	11.03	45.539	29.39	8.8	7.92	4.4	3.527	96.2
743	12/17/2010 7:01	11.01	45.663	29.48	8.83	7.93	4.5	3.577	96.5
744	12/17/2010 7:16	11	45.805	29.58	8.84	7.93	3.6	3.623	96.7
745	12/17/2010 7:31	10.98	45.898	29.65	8.86	7.94	3.2	3.675	96.9
746	12/17/2010 7:46	10.97	45.911	29.66	8.87	7.94	3.5	3.712	97
747	12/17/2010 8:01	10.95	45.944	29.68	8.87	7.94	2.7	3.736	97
748	12/17/2010 8:16	10.94	45.979	29.7	8.83	7.94	2.1	3.743	96.6
749	12/17/2010 8:31	10.93	45.961	29.69	8.85	7.94	2.8	3.742	96.8
750	12/17/2010 8:46	10.95	45.919	29.66	8.84	7.94	2.6	3.722	96.6
751	12/17/2010 9:01	10.92	45.934	29.67	8.87	7.94	3.1	3.682	96.9
752	12/17/2010 9:16	10.78	45.306	29.21	8.79	7.91	4.5	3.635	95.5
753	12/17/2010 9:31	10.75	44.864	28.9	8.67	7.89	2.7	3.577	93.9
754	12/17/2010 9:46	10.74	44.578	28.69	8.69	7.88	2.8	3.491	94
755	12/17/2010 10:01	10.63	43.897	28.2	8.59	7.85	2.4	3.414	92.4
756	12/17/2010 10:16	10.63	43.744	28.09	8.58	7.84	2.2	3.323	92.2
757	12/17/2010 10:31	10.78	44.468	28.62	8.69	7.87	3.3	3.213	94
758	12/17/2010 10:46	10.55	43.544	27.95	8.73	7.86	3.1	3.126	93.6
759	12/17/2010 11:01	10.41	42.911	27.49	8.74	7.84	2.5	3.029	93.1
760	12/17/2010 11:16	10.58	43.447	27.88	8.66	7.84	2.3	2.927	92.8
761	12/17/2010 11:31	10.59	43.397	27.85	8.71	7.84	2.1	2.846	93.4
762	12/17/2010 11:46	10.6	43.399	27.85	8.76	7.85	2	2.732	94
763	12/17/2010 12:01	10.66	43.481	27.91	8.87	7.86	2.4	2.635	95.2
764	12/17/2010 12:16	10.64	43.323	27.8	8.9	7.85	2.5	2.526	95.5
765	12/17/2010 12:31	10.61	43.148	27.67	8.94	7.85	2.5	2.424	95.8
766	12/17/2010 12:46	10.63	43.181	27.69	9.01	7.86	2.5	2.319	96.6
767	12/17/2010 13:01	10.61	43.025	27.58	9.11	7.86	2.7	2.211	97.6
768	12/17/2010 13:16	10.59	42.94	27.52	9.25	7.88	2.5	2.096	99
769	12/17/2010 13:31	10.59	42.823	27.44	9.43	7.89	2.2	1.99	100.8
770	12/17/2010 13:46	10.52	42.695	27.35	9.44	7.89	2.3	1.894	100.7
771	12/17/2010 14:01	10.45	42.479	27.19	9.47	7.88	2.3	1.806	100.9
772	12/17/2010 14:16	10.38	42.268	27.04	9.5	7.88	2.1	1.714	100.8
773	12/17/2010 14:31	10.33	42.124	26.93	9.54	7.88	2.6	1.638	101.1
774	12/17/2010 14:46	10.31	42.042	26.87	9.51	7.88	1.8	1.579	100.7
775	12/17/2010 15:01	10.27	42.019	26.86	9.51	7.88	2	1.56	100.6
776	12/17/2010 15:16	10.28	41.872	26.75	9.45	7.83	1.6	1.545	99.9
777	12/17/2010 15:31	10.33	42.006	26.85	9.42	7.82	1.8	1.511	99.8
778	12/17/2010 15:46	10.32	42.129	26.94	9.39	7.87	1.8	1.549	99.5
779	12/17/2010 16:01	10.33	42.2	26.99	9.36	7.86	2.1	1.609	99.3
780	12/17/2010 16:16	10.32	42.212	26.99	9.28	7.86	1.8	1.635	98.4
781	12/17/2010 16:31	10.26	41.403	26.42	9.26	7.84	2.9	1.708	97.7
782	12/17/2010 16:46	10.25	41.363	26.39	9.22	7.84	3.2	1.775	97.2
783	12/17/2010 17:01	10.25	41.336	26.37	9.2	7.84	2.9	1.846	97

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%
784	12/17/2010 17:16	10.3	41.533	26.51	9.16	7.83	2.8	1.922	96.7
785	12/17/2010 17:31	10.32	41.635	26.59	9.13	7.83	2.7	1.984	96.5
786	12/17/2010 17:46	10.37	42.025	26.86	9.07	7.83	2.6	2.048	96.2
787	12/17/2010 18:01	10.43	42.335	27.09	8.95	7.84	2.4	2.107	95.2
788	12/17/2010 18:16	10.48	42.508	27.21	8.88	7.83	2.5	2.187	94.6
789	12/17/2010 18:31	10.56	42.876	27.48	8.77	7.82	2.6	2.251	93.7
790	12/17/2010 18:46	10.55	42.618	27.29	8.74	7.82	2.6	2.308	93.3
791	12/17/2010 19:01	10.56	42.748	27.38	8.72	7.82	2.5	2.387	93.2
792	12/17/2010 19:16	10.56	42.897	27.49	8.7	7.82	2.8	2.451	93
793	12/17/2010 19:31	10.56	43.011	27.57	8.69	7.82	3.1	2.511	92.9
794	12/17/2010 19:46	10.57	43.146	27.67	8.68	7.82	3.2	2.585	92.9
795	12/17/2010 20:01	10.58	43.246	27.74	8.7	7.83	3	2.63	93.2
796	12/17/2010 20:16	10.6	43.329	27.8	8.66	7.83	3.2	2.713	92.9
797	12/17/2010 20:31	10.63	43.5	27.92	8.65	7.83	3.5	2.764	92.9
798	12/17/2010 20:46	10.65	43.642	28.02	8.67	7.84	4.1	2.824	93.2
799	12/17/2010 21:01	10.67	43.864	28.18	8.7	7.85	3.8	2.893	93.7
800	12/17/2010 21:16	10.69	43.971	28.26	8.71	7.86	3.4	2.939	93.8
801	12/17/2010 21:31	10.73	44.362	28.54	8.73	7.87	3.6	3.001	94.3
802	12/17/2010 21:46	10.77	44.867	28.9	8.77	7.89	3.7	3.026	95.1
803	12/17/2010 22:01	10.79	45.143	29.1	8.78	7.9	3.1	3.049	95.3
804	12/17/2010 22:16	10.8	45.286	29.2	8.79	7.91	2.6	3.077	95.5
805	12/17/2010 22:31	10.78	45.151	29.1	8.82	7.9	3	3.065	95.7
806	12/17/2010 22:46	10.76	44.885	28.91	8.71	7.89	2	3.053	94.4
807	12/17/2010 23:01	10.8	45.313	29.22	8.75	7.91	3	3.021	95.1
808	12/17/2010 23:16	10.7	44.271	28.47	8.72	7.87	2.6	2.998	94.1
809	12/17/2010 23:31	10.64	43.761	28.11	8.69	7.86	2.9	2.949	93.4
810	12/17/2010 23:46	10.61	43.565	27.97	8.74	7.85	5.4	2.897	93.8
811	12/18/2010 0:01	10.6	43.487	27.91	8.77	7.84	5.5	2.85	94.1
812	12/18/2010 0:16	10.6	43.353	27.81	8.77	7.84	5.3	2.807	94
813	12/18/2010 0:31	10.6	43.241	27.74	8.75	7.84	5.6	2.8	93.7
814	12/18/2010 0:46	10.6	43.213	27.72	8.74	7.84	6.3	2.741	93.7
815	12/18/2010 1:01	10.6	43.253	27.74	8.75	7.84	6.9	2.708	93.8
816	12/18/2010 1:16	10.61	43.335	27.8	8.7	7.83	7.7	2.705	93.3
817	12/18/2010 1:31	10.6	43.182	27.69	8.69	7.83	6.5	2.691	93.1
818	12/18/2010 1:46	10.59	43.111	27.64	8.71	7.83	6.6	2.629	93.2
819	12/18/2010 2:01	10.58	43.101	27.63	8.72	7.83	8.5	2.616	93.4
820	12/18/2010 2:16	10.57	43.054	27.6	8.72	7.83	8.8	2.579	93.3
821	12/18/2010 2:31	10.56	42.945	27.52	8.76	7.82	8.5	2.577	93.6
822	12/18/2010 2:46	10.53	42.907	27.5	8.74	7.82	8.1	2.578	93.4
823	12/18/2010 3:01	10.54	42.862	27.46	8.63	7.81	6.5	2.564	92.2
824	12/18/2010 3:16	10.58	43.109	27.64	8.66	7.82	7	2.586	92.7
825	12/18/2010 3:31	10.55	43.03	27.58	8.7	7.82	6	2.611	93
826	12/18/2010 3:46	10.54	43.024	27.58	8.72	7.82	5.9	2.631	93.3
827	12/18/2010 4:01	10.54	43.053	27.6	8.74	7.82	6.3	2.671	93.4
828	12/18/2010 4:16	10.57	43.198	27.7	8.73	7.82	6.6	2.741	93.5
829	12/18/2010 4:31	10.55	43.317	27.79	8.75	7.83	6.9	2.786	93.8
830	12/18/2010 4:46	10.56	43.584	27.98	8.81	7.84	6.5	2.86	94.5
831	12/18/2010 5:01	10.63	44.031	28.3	8.79	7.86	3.6	2.948	94.6
832	12/18/2010 5:16	10.7	44.422	28.58	8.76	7.87	4.6	3.015	94.6
833	12/18/2010 5:31	10.71	44.623	28.72	8.79	7.88	4.9	3.11	95
834	12/18/2010 5:46	10.74	44.862	28.89	8.8	7.89	5.2	3.187	95.3
835	12/18/2010 6:01	10.76	45.037	29.02	8.81	7.89	5.4	3.256	95.5
836	12/18/2010 6:16	10.79	45.309	29.22	8.86	7.91	5.7	3.345	96.3
837	12/18/2010 6:31	10.82	45.581	29.41	8.89	7.92	5.2	3.416	96.7
838	12/18/2010 6:46	10.81	45.681	29.48	8.89	7.92	5.2	3.481	96.8
839	12/18/2010 7:01	10.82	45.826	29.59	8.91	7.92	4.8	3.559	97.1

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%
840	12/18/2010 7:16	10.84	45.99	29.71	8.93	7.93	4.5	3.627	97.5
841	12/18/2010 7:31	10.86	46.161	29.83	8.93	7.94	4.2	3.685	97.6
842	12/18/2010 7:46	10.88	46.485	30.06	8.95	7.95	3.7	3.743	98
843	12/18/2010 8:01	10.91	46.682	30.2	8.95	7.96	3	3.79	98.1
844	12/18/2010 8:16	10.92	46.732	30.24	8.94	7.96	2.7	3.843	98
845	12/18/2010 8:31	10.92	46.903	30.36	8.94	7.96	3	3.876	98.1
846	12/18/2010 8:46	10.93	46.972	30.41	8.92	7.96	2.5	3.885	97.9
847	12/18/2010 9:01	10.92	46.93	30.38	8.86	7.96	2	3.904	97.2
848	12/18/2010 9:16	10.92	46.99	30.43	8.91	7.96	2.5	3.903	97.8
849	12/18/2010 9:31	10.93	46.979	30.42	8.95	7.97	2.8	3.87	98.2
850	12/18/2010 9:46	10.88	46.707	30.22	8.91	7.96	2.8	3.822	97.6
851	12/18/2010 10:01	10.7	45.563	29.39	8.9	7.92	4.2	3.755	96.6
852	12/18/2010 10:16	10.72	45.577	29.4	8.93	7.91	2.8	3.696	97
853	12/18/2010 10:31	10.71	45.32	29.22	8.95	7.91	2.6	3.611	97.1
854	12/18/2010 10:46	10.65	44.761	28.82	8.93	7.89	3.8	3.487	96.5
855	12/18/2010 11:01	10.69	44.915	28.93	8.95	7.9	3.1	3.389	96.9
856	12/18/2010 11:16	10.71	44.875	28.9	8.95	7.9	3.1	3.305	96.9
857	12/18/2010 11:31	10.71	44.781	28.84	8.99	7.9	2.7	3.19	97.3
858	12/18/2010 11:46	10.66	44.304	28.49	8.97	7.88	3.5	3.066	96.7
859	12/18/2010 12:01	10.56	43.644	28.02	8.98	7.86	4.1	2.962	96.4
860	12/18/2010 12:16	10.58	43.634	28.01	9.09	7.86	3.2	2.845	97.6
861	12/18/2010 12:31	10.57	43.505	27.92	9.08	7.86	4.2	2.707	97.3
862	12/18/2010 12:46	10.66	43.89	28.2	9.12	7.88	3.7	2.602	98.1
863	12/18/2010 13:01	10.73	44.145	28.38	9.14	7.89	4.2	2.461	98.6
864	12/18/2010 13:16	10.55	43.199	27.7	9.09	7.86	6.2	2.371	97.2
865	12/18/2010 13:31	10.6	43.32	27.79	9.15	7.87	5.2	2.244	98.1
866	12/18/2010 13:46	10.65	43.498	27.92	9.25	7.89	5.1	2.112	99.4
867	12/18/2010 14:01	10.54	42.911	27.5	9.25	7.86	7	1.993	98.9
868	12/18/2010 14:16	10.59	43.072	27.62	9.33	7.88	6.3	1.877	99.9
869	12/18/2010 14:31	10.56	42.835	27.45	9.38	7.88	7.1	1.764	100.3
870	12/18/2010 14:46	10.51	42.698	27.35	9.37	7.88	7.3	1.648	100
871	12/18/2010 15:01	10.44	42.363	27.11	9.31	7.86	7.3	1.554	99.1
872	12/18/2010 15:16	10.41	42.128	26.94	9.3	7.86	9.3	1.47	98.7
873	12/18/2010 15:31	10.38	41.959	26.82	9.3	7.85	8.1	1.433	98.6
874	12/18/2010 15:46	10.36	41.881	26.76	9.28	7.85	8	1.376	98.3
875	12/18/2010 16:01	10.34	41.827	26.72	9.24	7.84	7.1	1.342	97.9
876	12/18/2010 16:16	10.35	41.939	26.8	9.24	7.84	6.6	1.396	97.9
877	12/18/2010 16:31	10.36	41.995	26.84	9.24	7.85	6.2	1.413	97.9
878	12/18/2010 16:46	10.37	41.942	26.81	9.2	7.84	5.9	1.428	97.5
879	12/18/2010 17:01	10.37	42.182	26.98	9.18	7.84	5.6	1.512	97.4
880	12/18/2010 17:16	10.38	41.903	26.78	9.16	7.83	5.8	1.598	97.1
881	12/18/2010 17:31	10.38	41.238	26.31	9.16	7.83	5.7	1.661	96.8
882	12/18/2010 17:46	10.39	41.202	26.29	9.15	7.82	5.7	1.754	96.7
883	12/18/2010 18:01	10.42	41.697	26.64	9.11	7.82	5.6	1.835	96.6
884	12/18/2010 18:16	10.41	41.341	26.38	9.11	7.82	5.2	1.915	96.4
885	12/18/2010 18:31	10.46	41.941	26.81	9.06	7.83	5.4	2.001	96.3
886	12/18/2010 18:46	10.48	42.303	27.07	9.02	7.83	5.2	2.084	96
887	12/18/2010 19:01	10.5	42.481	27.19	8.98	7.83	5.4	2.173	95.7
888	12/18/2010 19:16	10.49	42.379	27.12	8.98	7.83	5.8	2.255	95.7
889	12/18/2010 19:31	10.49	42.58	27.26	8.96	7.83	6.2	2.323	95.5
890	12/18/2010 19:46	10.48	42.607	27.28	8.96	7.81	6.7	2.409	95.5
891	12/18/2010 20:01	10.49	42.72	27.36	8.95	7.82	7.1	2.488	95.5
892	12/18/2010 20:16	10.52	43.041	27.59	8.92	7.82	6.8	2.56	95.3
893	12/18/2010 20:31	10.53	43.056	27.6	8.91	7.83	7.2	2.647	95.3
894	12/18/2010 20:46	10.55	43.28	27.76	8.9	7.84	7.6	2.718	95.3
895	12/18/2010 21:01	10.56	43.527	27.94	8.91	7.85	8	2.797	95.5

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		
896	12/18/2010 21:16	10.58	43.76	28.1	8.92	7.85	7.4	2.87	95.8
897	12/18/2010 21:31	10.6	43.92	28.22	8.92	7.85	7.1	2.951	95.9
898	12/18/2010 21:46	10.64	44.313	28.5	8.94	7.86	7.8	3.01	96.3
899	12/18/2010 22:01	10.7	45.072	29.04	8.99	7.89	7.3	3.079	97.4
900	12/18/2010 22:16	10.72	45.249	29.17	8.99	7.89	6.4	3.128	97.5
901	12/18/2010 22:31	10.73	45.442	29.31	9	7.91	5.3	3.177	97.7
902	12/18/2010 22:46	10.74	45.52	29.36	8.98	7.9	3.8	3.2	97.5
903	12/18/2010 23:01	10.75	45.627	29.44	8.93	7.91	3.8	3.217	97.1
904	12/18/2010 23:16	10.73	45.497	29.35	8.96	7.9	4.9	3.225	97.3
905	12/18/2010 23:31	10.75	45.624	29.44	8.95	7.91	4.5	3.208	97.3
906	12/18/2010 23:46	10.74	45.564	29.4	8.95	7.91	4.2	3.169	97.3
907	12/19/2010 0:01	10.73	45.47	29.33	8.94	7.91	4.8	3.131	97.1
908	12/19/2010 0:16	10.67	44.945	28.95	8.91	7.89	4.5	3.072	96.4
909	12/19/2010 0:31	10.67	44.775	28.83	8.91	7.88	5.2	2.998	96.3
910	12/19/2010 0:46	10.59	44.125	28.36	8.88	7.86	5.7	2.953	95.5
911	12/19/2010 1:01	10.53	43.646	28.02	8.83	7.85	4.7	2.908	94.7
912	12/19/2010 1:16	10.51	43.544	27.95	8.81	7.84	4.4	2.839	94.4
913	12/19/2010 1:31	10.45	43.285	27.76	8.76	7.83	4.5	2.788	93.6
914	12/19/2010 1:46	10.44	43.218	27.71	8.76	7.83	4	2.75	93.5
915	12/19/2010 2:01	10.42	43.1	27.63	8.77	7.82	4	2.701	93.5
916	12/19/2010 2:16	10.41	42.951	27.52	8.74	7.81	3.8	2.667	93.1
917	12/19/2010 2:31	10.39	42.925	27.5	8.75	7.81	3.8	2.64	93.2
918	12/19/2010 2:46	10.38	42.849	27.45	8.8	7.81	3.9	2.618	93.7
919	12/19/2010 3:01	10.47	43.262	27.74	8.7	7.82	3.1	2.605	93
920	12/19/2010 3:16	10.48	43.389	27.83	8.75	7.84	3.4	2.6	93.6
921	12/19/2010 3:31	10.46	43.227	27.72	8.7	7.82	3.4	2.616	92.9
922	12/19/2010 3:46	10.37	42.94	27.51	8.71	7.81	3.5	2.619	92.8
923	12/19/2010 4:01	10.51	43.413	27.85	8.78	7.84	3.7	2.646	94
924	12/19/2010 4:16	10.5	43.493	27.91	8.81	7.84	3.9	2.674	94.3
925	12/19/2010 4:31	10.47	43.38	27.83	8.81	7.82	3.9	2.721	94.2
926	12/19/2010 4:46	10.53	43.842	28.16	8.82	7.85	4	2.748	94.6
927	12/19/2010 5:01	10.55	44.049	28.31	8.87	7.85	4	2.814	95.3
928	12/19/2010 5:16	10.57	44.23	28.44	8.88	7.86	3.9	2.874	95.5
929	12/19/2010 5:31	10.54	44.157	28.38	8.89	7.86	3.7	2.93	95.5
930	12/19/2010 5:46	10.52	44.341	28.51	8.91	7.87	3.6	3.013	95.8
931	12/19/2010 6:01	10.48	44.308	28.49	8.94	7.86	3.8	3.088	96
932	12/19/2010 6:16	10.54	44.653	28.74	8.96	7.88	4	3.161	96.5
933	12/19/2010 6:31	10.58	45.021	29	8.97	7.89	3.8	3.237	96.8
934	12/19/2010 6:46	10.59	45.232	29.15	8.99	7.89	3.5	3.32	97.2
935	12/19/2010 7:01	10.85	46.461	30.04	9.03	7.93	4	3.399	98.7
936	12/19/2010 7:16	10.85	46.466	30.05	9.05	7.93	4.9	3.476	98.9
937	12/19/2010 7:31	10.86	46.619	30.16	9.06	7.93	6	3.564	99.2
938	12/19/2010 7:46	10.86	46.69	30.21	9.08	7.94	6.3	3.643	99.4
939	12/19/2010 8:01	10.88	46.97	30.41	9.09	7.95	5.5	3.706	99.7
940	12/19/2010 8:16	10.87	47.107	30.51	9.08	7.95	4.3	3.78	99.7
941	12/19/2010 8:31	10.89	47.304	30.65	9.09	7.96	4.7	3.85	99.9
942	12/19/2010 8:46	10.91	47.466	30.77	9.08	7.96	4.3	3.899	99.9
943	12/19/2010 9:01	10.92	47.547	30.83	9.06	7.97	3.7	3.963	99.7
944	12/19/2010 9:16	10.93	47.699	30.94	9.04	7.97	3.2	3.995	99.6
945	12/19/2010 9:31	10.92	47.714	30.95	9.02	7.97	2.9	4.014	99.3
946	12/19/2010 9:46	10.92	47.665	30.91	9.01	7.97	6.3	4.051	99.3
947	12/19/2010 10:01	10.92	47.712	30.95	9.02	7.97	3.6	4.033	99.4
948	12/19/2010 10:16	10.93	47.685	30.93	9.02	7.97	4.3	3.991	99.4
949	12/19/2010 10:31	10.86	47.344	30.68	9.01	7.96	4.2	3.92	99
950	12/19/2010 10:46	10.77	46.788	30.27	9.04	7.94	4.2	3.852	98.8
951	12/19/2010 11:01	10.73	46.441	30.02	9.02	7.93	3.5	3.742	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%
952	12/19/2010 11:16	10.62	45.806	29.56	9.04	7.91	3.2	3.652	98
953	12/19/2010 11:31	10.7	46.154	29.82	9.03	7.92	4	3.545	98.3
954	12/19/2010 11:46	10.53	45.118	29.07	9	7.89	3.7	3.43	97.2
955	12/19/2010 12:01	10.4	44.07	28.31	8.98	7.86	4.9	3.318	96.2
956	12/19/2010 12:16	10.36	43.719	28.06	8.99	7.87	4.5	3.207	96.1
957	12/19/2010 12:31	10.33	43.513	27.91	9.02	7.85	4.3	3.086	96.2
958	12/19/2010 12:46	10.35	43.432	27.86	9.03	7.85	4.4	2.958	96.4
959	12/19/2010 13:01	10.38	43.396	27.83	9.06	7.85	3.9	2.849	96.7
960	12/19/2010 13:16	10.41	43.691	28.05	9.05	7.85	4.6	2.717	96.8
961	12/19/2010 13:31	10.47	43.913	28.21	9.14	7.86	3.6	2.607	98
962	12/19/2010 13:46	10.47	43.899	28.2	9.17	7.86	4.3	2.481	98.3
963	12/19/2010 14:01	10.45	43.737	28.08	9.11	7.86	5.1	2.331	97.6
964	12/19/2010 14:16	10.42	43.551	27.95	9.12	7.85	6.4	2.199	97.5
965	12/19/2010 14:31	10.48	43.814	28.14	9.2	7.88	6.3	2.079	98.6
966	12/19/2010 14:46	10.45	43.596	27.98	9.29	7.87	6.3	1.96	99.4
967	12/19/2010 15:01	10.39	43.124	27.64	9.31	7.85	6.3	1.835	99.3
968	12/19/2010 15:16	10.33	42.783	27.4	9.35	7.85	8.1	1.718	99.4
969	12/19/2010 15:31	10.31	42.728	27.36	9.39	7.85	11.3	1.599	99.7
970	12/19/2010 15:46	10.27	42.555	27.23	9.35	7.85	12.8	1.515	99.1
971	12/19/2010 16:01	10.22	42.173	26.96	9.35	7.86	11.2	1.406	98.9
972	12/19/2010 16:16	10.18	42	26.84	9.35	7.85	10.6	1.359	98.7
973	12/19/2010 16:31	10.15	42.063	26.88	9.32	7.85	9.3	1.294	98.4
974	12/19/2010 16:46	10.13	41.984	26.82	9.33	7.83	8.1	1.283	98.4
975	12/19/2010 17:01	10.12	42.07	26.88	9.28	7.85	7.6	1.293	97.8
976	12/19/2010 17:16	10.14	42.067	26.88	9.3	7.83	6.7	1.348	98.1
977	12/19/2010 17:31	10.15	42.164	26.95	9.26	7.82	7.1	1.374	97.8
978	12/19/2010 17:46	10.13	41.468	26.46	9.24	7.83	12	1.45	97.3
979	12/19/2010 18:01	10.16	41.824	26.71	9.22	7.83	6.8	1.56	97.2
980	12/19/2010 18:16	10.14	40.636	25.88	9.23	7.8	7.9	1.632	96.8
981	12/19/2010 18:31	10.17	40.754	25.96	9.2	7.8	7.4	1.71	96.5
982	12/19/2010 18:46	10.19	41.05	26.17	9.16	7.82	6.5	1.804	96.4
983	12/19/2010 19:01	10.2	40.934	26.09	9.15	7.83	6.4	1.896	96.2
984	12/19/2010 19:16	10.22	41.275	26.33	9.13	7.82	6.2	1.996	96.2
985	12/19/2010 19:31	10.24	41.515	26.5	9.1	7.83	6.3	2.069	96.1
986	12/19/2010 19:46	10.3	42.356	27.09	9.03	7.83	6.5	2.159	95.8
987	12/19/2010 20:01	10.26	42.335	27.08	9.06	7.83	7.2	2.267	95.9
988	12/19/2010 20:16	10.22	42.339	27.08	9.07	7.83	8	2.35	96
989	12/19/2010 20:31	10.21	42.527	27.21	9.08	7.83	9	2.44	96.1
990	12/19/2010 20:46	10.26	42.783	27.39	9.05	7.84	9.9	2.529	96.1
991	12/19/2010 21:01	10.28	43.019	27.56	9.05	7.85	10.4	2.617	96.2
992	12/19/2010 21:16	10.29	43.153	27.66	9.04	7.85	10.7	2.702	96.2
993	12/19/2010 21:31	10.31	43.392	27.83	9.05	7.86	12.7	2.787	96.5
994	12/19/2010 21:46	10.32	43.66	28.02	9.07	7.86	12.5	2.878	96.8
995	12/19/2010 22:01	10.36	44.017	28.27	9.08	7.88	11.2	2.959	97.1
996	12/19/2010 22:16	10.41	44.491	28.61	9.11	7.87	9.9	3.05	97.7
997	12/19/2010 22:31	10.44	44.861	28.88	9.11	7.88	9.5	3.122	98
998	12/19/2010 22:46	10.47	45.15	29.09	9.11	7.91	8.4	3.184	98.2
999	12/19/2010 23:01	10.5	45.316	29.21	9.1	7.91	6.8	3.253	98.3
1000	12/19/2010 23:16	10.51	45.379	29.25	9.08	7.9	5.2	3.284	98.1
1001	12/19/2010 23:31	10.51	45.323	29.21	9.06	7.9	4.5	3.326	97.9
1002	12/19/2010 23:46	10.52	45.49	29.33	9	7.92	3.9	3.348	97.2
1003	12/20/2010 0:01	10.51	45.45	29.3	9.06	7.9	5.4	3.334	97.9
1004	12/20/2010 0:16	10.52	45.479	29.32	9.06	7.92	4.9	3.318	97.9
1005	12/20/2010 0:31	10.51	45.431	29.29	9.06	7.9	5.9	3.275	97.9
1006	12/20/2010 0:46	10.4	44.864	28.88	9.05	7.89	6	3.224	97.3
1007	12/20/2010 1:01	10.16	43.836	28.14	9.09	7.86	6	3.16	96.7

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		
1008	12/20/2010 1:16	10.34	44.545	28.65	9.05	7.88	5.8	3.082	97
1009	12/20/2010 1:31	10.26	44.129	28.35	9.07	7.89	6.1	3.023	96.8
1010	12/20/2010 1:46	10.17	43.518	27.91	9.05	7.85	6.7	2.96	96.2
1011	12/20/2010 2:01	10.08	43.064	27.58	9.03	7.83	5	2.889	95.6
1012	12/20/2010 2:16	10.03	42.794	27.39	9.01	7.84	4.7	2.836	95.2
1013	12/20/2010 2:31	10.09	42.931	27.49	9.01	7.83	4.5	2.761	95.3
1014	12/20/2010 2:46	10.04	42.646	27.29	9.01	7.82	4.4	2.722	95.1
1015	12/20/2010 3:01	10.13	43.052	27.58	8.95	7.83	4.1	2.686	94.9
1016	12/20/2010 3:16	10.11	42.994	27.54	8.95	7.85	4.2	2.65	94.8
1017	12/20/2010 3:31	10.12	42.924	27.49	8.93	7.85	4.1	2.636	94.5
1018	12/20/2010 3:46	10.07	42.786	27.39	8.92	7.83	4.2	2.616	94.3
1019	12/20/2010 4:01	10.11	42.942	27.5	8.91	7.85	3.4	2.605	94.4
1020	12/20/2010 4:16	10.04	42.64	27.28	8.97	7.82	3.9	2.608	94.7
1021	12/20/2010 4:31	10.12	42.95	27.51	8.97	7.85	4	2.609	95
1022	12/20/2010 4:46	10.16	43.143	27.64	8.98	7.85	4	2.637	95.3
1023	12/20/2010 5:01	10.19	43.296	27.75	8.98	7.84	4	2.678	95.3
1024	12/20/2010 5:16	10.15	43.22	27.7	8.97	7.85	4.2	2.702	95.2
1025	12/20/2010 5:31	10.19	43.417	27.84	8.98	7.84	4.4	2.756	95.5
1026	12/20/2010 5:46	10.13	43.054	27.58	9.02	7.84	5.2	2.797	95.6
1027	12/20/2010 6:01	10.19	43.464	27.87	9.02	7.84	4.6	2.86	95.9
1028	12/20/2010 6:16	10.21	43.514	27.91	9.03	7.85	4.5	2.908	96
1029	12/20/2010 6:31	10.3	44.039	28.29	9.03	7.86	4.5	2.973	96.5
1030	12/20/2010 6:46	10.3	44.125	28.35	9.06	7.87	4.9	3.077	96.8
1031	12/20/2010 7:01	10.31	44.254	28.44	9.08	7.87	5.4	3.142	97.1
1032	12/20/2010 7:16	10.21	43.43	27.85	9.15	7.89	5.5	3.233	97.3
1033	12/20/2010 7:31	10.31	44.197	28.4	9.1	7.89	5.1	3.317	97.3
1034	12/20/2010 7:46	10.43	44.817	28.85	9.12	7.91	6.5	3.418	98.1
1035	12/20/2010 8:01	10.47	44.891	28.9	9.17	7.92	6.9	3.484	98.7
1036	12/20/2010 8:16	10.51	44.906	28.91	9.2	7.91	8.4	3.558	99.2
1037	12/20/2010 8:31	10.54	44.994	28.98	9.23	7.92	8.3	3.652	99.6
1038	12/20/2010 8:46	10.6	45.115	29.07	9.29	7.95	9.5	3.741	100.4
1039	12/20/2010 9:01	10.63	45.269	29.18	9.31	7.96	8.7	3.803	100.7
1040	12/20/2010 9:16	10.65	45.371	29.25	9.3	7.95	7.5	3.877	100.7
1041	12/20/2010 9:31	10.69	45.598	29.42	9.28	7.96	7.4	3.948	100.8
1042	12/20/2010 9:46	10.72	45.741	29.52	9.26	7.96	6.3	4.001	100.7
1043	12/20/2010 10:01	10.74	45.911	29.64	9.25	7.97	6.5	4.057	100.7
1044	12/20/2010 10:16	10.75	45.937	29.66	9.23	7.96	4.7	4.075	100.4
1045	12/20/2010 10:31	10.72	45.823	29.58	9.21	7.96	4.5	4.094	100.1
1046	12/20/2010 10:46	10.74	45.931	29.66	9.23	7.96	6.2	4.079	100.5
1047	12/20/2010 11:01	10.75	46.033	29.73	9.27	7.97	7.1	4.027	101
1048	12/20/2010 11:16	10.73	45.887	29.63	9.27	7.96	6.8	3.978	100.8
1049	12/20/2010 11:31	10.63	45.385	29.26	9.26	7.94	7.2	3.878	100.3
1050	12/20/2010 11:46	10.52	44.726	28.79	9.28	7.92	5	3.782	100
1051	12/20/2010 12:01	10.49	44.318	28.49	9.27	7.91	4.7	3.67	99.6
1052	12/20/2010 12:16	10.37	43.464	27.88	9.25	7.88	7.3	3.549	98.7
1053	12/20/2010 12:31	10.37	43.283	27.75	9.26	7.88	5.8	3.439	98.8
1054	12/20/2010 12:46	10.34	42.798	27.41	9.31	7.87	5.7	3.321	99
1055	12/20/2010 13:01	10.34	42.59	27.26	9.31	7.86	6.2	3.192	98.9
1056	12/20/2010 13:16	10.31	42.365	27.1	9.31	7.87	6.1	3.061	98.8
1057	12/20/2010 13:31	10.29	42.289	27.05	9.32	7.85	5.6	2.935	98.8
1058	12/20/2010 13:46	10.32	42.255	27.02	9.36	7.87	5.9	2.807	99.2
1059	12/20/2010 14:01	10.34	42.411	27.14	9.37	7.86	7.1	2.658	99.5
1060	12/20/2010 14:16	10.31	42.414	27.14	9.38	7.87	7.3	2.536	99.5
1061	12/20/2010 14:31	10.41	42.835	27.44	9.41	7.89	8.3	2.399	100.2
1062	12/20/2010 14:46	10.3	42.465	27.17	9.43	7.88	9.2	2.244	100.1
1063	12/20/2010 15:01	10.28	42.626	27.28	9.41	7.85	8.6	2.107	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		
1064	12/20/2010 15:16	10.3	42.619	27.28	9.49	7.88	11.2	1.976	100.7
1065	12/20/2010 15:31	10.25	42.526	27.21	9.57	7.87	9.8	1.833	101.5
1066	12/20/2010 15:46	10.13	42.125	26.92	9.56	7.86	12.3	1.7	100.9
1067	12/20/2010 16:01	10.07	41.953	26.8	9.56	7.86	14.1	1.574	100.6
1068	12/20/2010 16:16	10	41.691	26.61	9.56	7.87	16.3	1.462	100.4
1069	12/20/2010 16:31	9.93	41.485	26.46	9.56	7.86	17.1	1.361	100.1
1070	12/20/2010 16:46	9.87	41.389	26.39	9.57	7.86	16.4	1.244	100.1
1071	12/20/2010 17:01	9.83	41.365	26.37	9.58	7.85	17.5	1.207	100.1
1072	12/20/2010 17:16	9.8	41.266	26.3	9.6	7.83	15.6	1.168	100.2
1073	12/20/2010 17:31	9.78	41.338	26.35	9.52	7.85	15.8	1.165	99.3
1074	12/20/2010 17:46	9.8	41.301	26.33	9.57	7.83	12.1	1.173	99.9
1075	12/20/2010 18:01	9.85	41.392	26.39	9.56	7.85	10.5	1.248	99.9
1076	12/20/2010 18:16	9.82	40.609	25.84	9.57	7.82	9.6	1.281	99.6
1077	12/20/2010 18:31	9.89	40.75	25.94	9.52	7.82	8.7	1.358	99.3
1078	12/20/2010 18:46	9.94	40.044	25.45	9.52	7.84	9.1	1.468	99.1
1079	12/20/2010 19:01	9.96	39.888	25.34	9.49	7.83	9.2	1.558	98.8
1080	12/20/2010 19:16	9.97	39.914	25.36	9.49	7.83	8.7	1.673	98.8
1081	12/20/2010 19:31	9.98	39.918	25.36	9.46	7.83	8.3	1.75	98.6
1082	12/20/2010 19:46	10.05	40.794	25.98	9.41	7.84	8.5	1.857	98.5
1083	12/20/2010 20:01	10.07	40.387	25.7	9.39	7.84	8.4	1.952	98.2
1084	12/20/2010 20:16	10.08	40.969	26.11	9.35	7.84	8.2	2.04	98.1
1085	12/20/2010 20:31	10.08	41.204	26.27	9.33	7.84	9.2	2.148	98
1086	12/20/2010 20:46	10.03	41.524	26.49	9.32	7.83	12.5	2.226	97.9
1087	12/20/2010 21:01	10.01	41.526	26.5	9.32	7.83	12.4	2.343	97.9
1088	12/20/2010 21:16	10.02	41.482	26.46	9.33	7.83	12.6	2.434	97.9
1089	12/20/2010 21:31	10	41.266	26.31	9.33	7.84	12.5	2.531	97.8
1090	12/20/2010 21:46	10.08	41.794	26.69	9.29	7.84	18.1	2.626	97.8
1091	12/20/2010 22:01	10.09	41.853	26.73	9.3	7.85	16.8	2.726	98
1092	12/20/2010 22:16	10.12	42.097	26.9	9.31	7.86	17.8	2.804	98.2
1093	12/20/2010 22:31	10.17	42.428	27.14	9.32	7.87	16.9	2.895	98.6
1094	12/20/2010 22:46	10.25	43.217	27.7	9.4	7.89	15.9	2.979	100
1095	12/20/2010 23:01	10.3	43.599	27.97	9.44	7.91	16.1	3.063	100.7
1096	12/20/2010 23:16	10.34	44.009	28.27	9.45	7.91	15.3	3.163	101
1097	12/20/2010 23:31	10.38	44.249	28.44	9.47	7.92	15.3	3.22	101.5
1098	12/20/2010 23:46	10.44	44.619	28.71	9.48	7.93	15.9	3.282	101.9
1099	12/21/2010 0:01	10.48	44.71	28.77	9.46	7.94	12.2	3.324	101.8
1100	12/21/2010 0:16	10.52	44.965	28.96	9.47	7.94	10.4	3.37	102.1
1101	12/21/2010 0:31	10.55	45.022	29	9.43	7.94	8.5	3.389	101.8
1102	12/21/2010 0:46	10.53	45.044	29.01	9.45	7.94	11.2	3.365	101.9
1103	12/21/2010 1:01	10.52	44.988	28.97	9.44	7.92	8.9	3.341	101.8
1104	12/21/2010 1:16	10.25	43.855	28.15	9.4	7.89	8.4	3.311	100.2
1105	12/21/2010 1:31	10.28	44.013	28.27	9.41	7.9	9.8	3.244	100.4
1106	12/21/2010 1:46	10.24	43.848	28.15	9.41	7.89	11.2	3.163	100.3
1107	12/21/2010 2:01	10.27	43.848	28.15	9.42	7.89	12.9	3.103	100.4
1108	12/21/2010 2:16	10.25	43.71	28.05	9.39	7.89	10.4	3.042	100
1109	12/21/2010 2:31	10.09	42.83	27.42	9.35	7.86	7.8	2.954	98.9
1110	12/21/2010 2:46	9.93	42.248	27	9.34	7.86	8.5	2.893	98.2
1111	12/21/2010 3:01	9.83	41.86	26.72	9.36	7.85	7.1	2.845	98
1112	12/21/2010 3:16	9.79	41.613	26.55	9.35	7.82	6.9	2.794	97.7
1113	12/21/2010 3:31	9.77	41.45	26.43	9.37	7.85	7.1	2.736	97.8
1114	12/21/2010 3:46	9.68	40.89	26.03	9.43	7.84	6.9	2.708	98
1115	12/21/2010 4:01	9.87	41.58	26.53	9.26	7.85	5.8	2.673	96.9
1116	12/21/2010 4:16	9.94	42.041	26.85	9.23	7.86	4.9	2.642	96.9
1117	12/21/2010 4:31	9.91	41.979	26.81	9.26	7.86	5.5	2.633	97.2
1118	12/21/2010 4:46	9.92	42.001	26.82	9.26	7.86	5.2	2.63	97.2
1119	12/21/2010 5:01	9.86	41.514	26.48	9.3	7.83	5.9	2.628	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		
1120	12/21/2010 5:16	9.95	42.103	26.9	9.28	7.86	5.7	2.653	97.5
1121	12/21/2010 5:31	9.9	41.964	26.8	9.3	7.86	6.3	2.664	97.6
1122	12/21/2010 5:46	9.93	42.154	26.93	9.29	7.86	6.5	2.689	97.6
1123	12/21/2010 6:01	9.93	42.234	26.99	9.3	7.86	7.1	2.73	97.7
1124	12/21/2010 6:16	9.96	42.341	27.07	9.33	7.86	8.8	2.779	98.2
1125	12/21/2010 6:31	10.01	42.684	27.31	9.36	7.87	8.1	2.833	98.7
1126	12/21/2010 6:46	10.03	42.71	27.33	9.38	7.88	6.6	2.89	99.1
1127	12/21/2010 7:01	10.07	42.844	27.43	9.41	7.89	6.7	2.982	99.5
1128	12/21/2010 7:16	10.16	43.363	27.8	9.42	7.9	8.1	3.047	100
1129	12/21/2010 7:31	10.07	43.121	27.62	9.45	7.89	8.1	3.144	100
1130	12/21/2010 7:46	10.05	43.252	27.72	9.47	7.9	8	3.237	100.2
1131	12/21/2010 8:01	10.14	43.006	27.55	9.49	7.91	10.6	3.321	100.5
1132	12/21/2010 8:16	10.22	43.584	27.96	9.47	7.92	8.7	3.414	100.8
1133	12/21/2010 8:31	10.5	45.243	29.15	9.43	7.94	11.1	3.507	101.8
1134	12/21/2010 8:46	10.58	45.629	29.43	9.44	7.95	12.5	3.604	102.2
1135	12/21/2010 9:01	10.6	45.69	29.48	9.45	7.95	15.7	3.686	102.5
1136	12/21/2010 9:16	10.61	45.812	29.57	9.43	7.96	18.8	3.78	102.3
1137	12/21/2010 9:31	10.61	45.984	29.69	9.43	7.97	13.4	3.86	102.4
1138	12/21/2010 9:46	10.65	46.284	29.91	9.42	7.97	12.5	3.934	102.5
1139	12/21/2010 10:01	10.65	46.45	30.02	9.38	7.97	11.2	3.995	102.2
1140	12/21/2010 10:16	10.67	46.822	30.29	9.34	7.97	10.3	4.065	101.9
1141	12/21/2010 10:31	10.67	46.829	30.3	9.32	7.97	8.9	4.109	101.7
1142	12/21/2010 10:46	10.69	47.113	30.5	9.29	7.97	7.6	4.137	101.5
1143	12/21/2010 11:01	10.69	47.093	30.49	9.23	7.96	5.4	4.157	100.9
1144	12/21/2010 11:16	10.69	47.009	30.43	9.27	7.97	7.4	4.142	101.3
1145	12/21/2010 11:31	10.7	47.014	30.43	9.27	7.97	7.5	4.112	101.3
1146	12/21/2010 11:46	10.65	46.443	30.02	9.33	7.97	8.8	4.062	101.6
1147	12/21/2010 12:01	10.57	45.222	29.14	9.47	7.95	6.3	3.989	102.4
1148	12/21/2010 12:16	10.5	44.921	28.92	9.46	7.93	6	3.889	101.9
1149	12/21/2010 12:31	10.46	44.433	28.58	9.48	7.92	5.7	3.786	101.8
1150	12/21/2010 12:46	10.48	44.91	28.92	9.43	7.92	12.2	3.677	101.5
1151	12/21/2010 13:01	10.32	43.412	27.84	9.49	7.9	10.4	3.55	101.1
1152	12/21/2010 13:16	10.24	42.945	27.51	9.51	7.91	8	3.44	101
1153	12/21/2010 13:31	10.2	42.527	27.21	9.52	7.88	6.9	3.314	100.8
1154	12/21/2010 13:46	10.12	41.982	26.82	9.52	7.86	8.4	3.173	100.4
1155	12/21/2010 14:01	10.08	41.863	26.74	9.55	7.86	7.9	3.054	100.6
1156	12/21/2010 14:16	10.09	42	26.83	9.54	7.89	8.6	2.905	100.5
1157	12/21/2010 14:31	10.09	42.001	26.83	9.55	7.89	7.3	2.769	100.7
1158	12/21/2010 14:46	10.07	42.076	26.89	9.56	7.88	8.9	2.635	100.7
1159	12/21/2010 15:01	10.06	41.949	26.8	9.55	7.88	11.3	2.495	100.6
1160	12/21/2010 15:16	10.01	41.912	26.77	9.53	7.88	11.5	2.355	100.2
1161	12/21/2010 15:31	9.99	41.814	26.7	9.55	7.88	12.8	2.202	100.4
1162	12/21/2010 15:46	10	42.045	26.86	9.53	7.88	14	2.056	100.3
1163	12/21/2010 16:01	9.94	41.792	26.68	9.54	7.87	14.6	1.911	100.1
1164	12/21/2010 16:16	9.9	41.719	26.63	9.54	7.87	14.1	1.802	99.9
1165	12/21/2010 16:31	9.86	41.474	26.45	9.55	7.86	12.5	1.652	99.9
1166	12/21/2010 16:46	9.84	41.367	26.37	9.53	7.86	12.5	1.511	99.6
1167	12/21/2010 17:01	9.81	41.367	26.37	9.5	7.86	12.9	1.395	99.2
1168	12/21/2010 17:16	9.78	41.234	26.28	9.48	7.85	15.1	1.294	98.9
1169	12/21/2010 17:31	9.76	41.173	26.23	9.49	7.84	12.4	1.205	98.8
1170	12/21/2010 17:46	9.74	41.086	26.17	9.48	7.84	11	1.157	98.7
1171	12/21/2010 18:01	9.71	41.003	26.11	9.47	7.84	10.7	1.119	98.5
1172	12/21/2010 18:16	9.73	41.046	26.14	9.49	7.84	9.6	1.142	98.8
1173	12/21/2010 18:31	9.74	41.044	26.14	9.52	7.84	7.6	1.193	99.1
1174	12/21/2010 18:46	9.74	41.053	26.15	9.52	7.85	7.2	1.257	99.1
1175	12/21/2010 19:01	9.72	40.414	25.7	9.56	7.84	7.9	1.348	99.2

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%
1176	12/21/2010 19:16	9.68	39.004	24.71	9.61	7.83	10.4	1.45	99
1177	12/21/2010 19:31	9.7	39.062	24.75	9.59	7.83	10.9	1.539	98.9
1178	12/21/2010 19:46	9.72	39.114	24.79	9.58	7.83	10.7	1.651	98.8
1179	12/21/2010 20:01	9.73	39.129	24.8	9.57	7.83	9.8	1.751	98.8
1180	12/21/2010 20:16	9.74	39.295	24.92	9.55	7.83	9.5	1.842	98.6
1181	12/21/2010 20:31	9.77	39.989	25.4	9.53	7.84	8.8	1.957	98.8
1182	12/21/2010 20:46	9.8	40.182	25.54	9.51	7.84	8.5	2.052	98.8
1183	12/21/2010 21:01	9.84	40.869	26.02	9.48	7.85	10.2	2.16	98.9
1184	12/21/2010 21:16	9.85	40.889	26.04	9.5	7.85	9.6	2.266	99.1
1185	12/21/2010 21:31	9.77	39.695	25.2	9.6	7.85	11.7	2.36	99.4
1186	12/21/2010 21:46	9.79	40.574	25.82	9.54	7.85	14	2.463	99.2
1187	12/21/2010 22:01	9.86	41.303	26.33	9.49	7.85	15.1	2.563	99.2
1188	12/21/2010 22:16	9.92	41.327	26.35	9.49	7.86	16.7	2.658	99.3
1189	12/21/2010 22:31	9.95	41.365	26.38	9.5	7.87	18.6	2.756	99.5
1190	12/21/2010 22:46	9.99	41.613	26.55	9.49	7.87	31.3	2.852	99.6
1191	12/21/2010 23:01	10.11	42.437	27.14	9.45	7.89	20.1	2.95	99.9
1192	12/21/2010 23:16	10.25	43.358	27.8	9.42	7.92	21.8	3.04	100.2
1193	12/21/2010 23:31	10.33	44.005	28.26	9.39	7.92	18.1	3.127	100.3
1194	12/21/2010 23:46	10.36	44.252	28.44	9.37	7.93	15.8	3.214	100.3
1195	12/22/2010 0:01	10.39	44.46	28.59	9.35	7.93	14	3.289	100.3
1196	12/22/2010 0:16	10.45	44.698	28.76	9.35	7.94	12.4	3.358	100.6
1197	12/22/2010 0:31	10.55	44.886	28.9	9.37	7.95	12.1	3.41	101.1
1198	12/22/2010 0:46	10.6	44.981	28.97	9.36	7.96	9.8	3.44	101.1
1199	12/22/2010 1:01	10.63	45.117	29.07	9.34	7.97	7.4	3.47	101
1200	12/22/2010 1:16	10.56	44.869	28.89	9.32	7.96	8.2	3.476	100.6
1201	12/22/2010 1:31	10.61	45.013	29	9.34	7.97	9.2	3.448	101
1202	12/22/2010 1:46	10.61	45.021	29	9.34	7.97	8.7	3.396	100.9
1203	12/22/2010 2:01	10.08	42.959	27.51	9.36	7.88	12.3	3.345	99.1
1204	12/22/2010 2:16	9.96	42.398	27.11	9.37	7.89	8.6	3.279	98.7
1205	12/22/2010 2:31	10.04	42.764	27.37	9.33	7.89	8.6	3.199	98.5
1206	12/22/2010 2:46	10.1	42.852	27.44	9.32	7.88	10.6	3.115	98.6
1207	12/22/2010 3:01	10	42.55	27.22	9.32	7.86	7.2	3.046	98.3
1208	12/22/2010 3:16	9.92	42.176	26.95	9.35	7.88	7.8	2.98	98.3
1209	12/22/2010 3:31	9.9	41.986	26.81	9.34	7.87	6.7	2.899	98
1210	12/22/2010 3:46	9.84	41.592	26.53	9.34	7.84	6.2	2.839	97.7
1211	12/22/2010 4:01	9.82	41.502	26.47	9.34	7.86	5.8	2.789	97.6
1212	12/22/2010 4:16	9.79	41.393	26.39	9.35	7.86	5.7	2.721	97.6
1213	12/22/2010 4:31	9.75	41.235	26.28	9.34	7.85	5.5	2.678	97.3
1214	12/22/2010 4:46	9.71	40.998	26.11	9.3	7.82	5.6	2.642	96.7
1215	12/22/2010 5:01	9.94	42.071	26.88	9.21	7.87	5.1	2.615	96.8
1216	12/22/2010 5:16	9.79	41.7	26.61	9.2	7.86	5.7	2.585	96.1
1217	12/22/2010 5:31	9.74	41.158	26.22	9.24	7.83	5.4	2.575	96.3
1218	12/22/2010 5:46	9.72	40.883	26.03	9.27	7.85	4.8	2.579	96.4
1219	12/22/2010 6:01	9.73	41.104	26.18	9.3	7.82	5.5	2.583	96.8
1220	12/22/2010 6:16	9.76	41.064	26.16	9.31	7.85	5.5	2.596	96.9
1221	12/22/2010 6:31	9.75	41.037	26.14	9.36	7.85	5.2	2.622	97.4
1222	12/22/2010 6:46	9.94	41.932	26.78	9.3	7.87	5.6	2.66	97.6
1223	12/22/2010 7:01	10	42.279	27.02	9.3	7.88	6.9	2.717	98
1224	12/22/2010 7:16	9.86	41.421	26.41	9.32	7.86	11.6	2.77	97.4
1225	12/22/2010 7:31	9.89	41.462	26.44	9.35	7.86	6.5	2.843	97.8
1226	12/22/2010 7:46	9.93	41.641	26.57	9.36	7.88	7.3	2.921	98.1
1227	12/22/2010 8:01	9.94	41.467	26.45	9.37	7.88	7.3	3.005	98.1
1228	12/22/2010 8:16	10.02	42.259	27.01	9.37	7.89	7.4	3.093	98.6
1229	12/22/2010 8:31	10.08	42.693	27.32	9.37	7.91	8.6	3.188	99
1230	12/22/2010 8:46	10.15	42.988	27.53	9.35	7.92	9.5	3.283	99.1
1231	12/22/2010 9:01	10.36	43.878	28.18	9.35	7.94	11.7	3.386	99.9

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%
1232	12/22/2010 9:16	10.36	43.875	28.17	9.35	7.94	11.7	3.482	100
1233	12/22/2010 9:31	10.36	43.889	28.18	9.35	7.94	13	3.578	99.9
1234	12/22/2010 9:46	10.41	43.863	28.17	9.35	7.95	12.9	3.679	100.1
1235	12/22/2010 10:01	10.52	44.104	28.34	9.35	7.97	13.7	3.766	100.4
1236	12/22/2010 10:16	10.56	44.234	28.44	9.34	7.97	11.8	3.848	100.4
1237	12/22/2010 10:31	10.62	44.377	28.54	9.34	7.98	11.3	3.928	100.7
1238	12/22/2010 10:46	10.65	44.472	28.61	9.33	7.98	8.5	3.995	100.7
1239	12/22/2010 11:01	10.72	44.83	28.87	9.3	7.99	8.5	4.042	100.6
1240	12/22/2010 11:16	10.76	44.825	28.87	9.28	8	6.7	4.098	100.5
1241	12/22/2010 11:31	10.78	44.933	28.95	9.25	8	5.2	4.123	100.3
1242	12/22/2010 11:46	10.73	44.877	28.91	9.3	7.99	5.5	4.127	100.7
1243	12/22/2010 12:01	10.78	44.988	28.99	9.27	8	5.9	4.125	100.5
1244	12/22/2010 12:16	10.79	45.083	29.05	9.27	8	6.7	4.087	100.6
1245	12/22/2010 12:31	10.67	44.055	28.32	9.37	7.96	9.3	4.016	101
1246	12/22/2010 12:46	10.7	44.095	28.35	9.4	7.96	5.7	3.941	101.4
1247	12/22/2010 13:01	10.73	43.697	28.07	9.4	7.94	6.1	3.85	101.2
1248	12/22/2010 13:16	10.59	42.936	27.52	9.4	7.91	5.4	3.741	100.6
1249	12/22/2010 13:31	10.55	42.264	27.04	9.39	7.9	6.4	3.627	100.1
1250	12/22/2010 13:46	10.52	42.269	27.04	9.39	7.89	5.6	3.509	100
1251	12/22/2010 14:01	10.56	41.769	26.69	9.4	7.88	6.7	3.391	100
1252	12/22/2010 14:16	10.44	41.594	26.56	9.38	7.87	7.6	3.258	99.5
1253	12/22/2010 14:31	10.44	41.307	26.36	9.39	7.88	7.6	3.128	99.5
1254	12/22/2010 14:46	10.38	40.962	26.12	9.41	7.87	7.9	2.991	99.3
1255	12/22/2010 15:01	10.47	41.583	26.56	9.44	7.89	6.2	2.866	100.2
1256	12/22/2010 15:16	10.36	41.423	26.44	9.45	7.88	5.6	2.716	100
1257	12/22/2010 15:31	10.35	41.349	26.39	9.45	7.88	6.3	2.575	99.9
1258	12/22/2010 15:46	10.21	41.123	26.22	9.46	7.87	9.1	2.448	99.5
1259	12/22/2010 16:01	10.22	41.269	26.32	9.47	7.87	7.9	2.297	99.7
1260	12/22/2010 16:16	10.13	41.342	26.37	9.47	7.85	9.3	2.153	99.5
1261	12/22/2010 16:31	10	41.055	26.16	9.55	7.86	9.1	1.998	100
1262	12/22/2010 16:46	9.96	40.943	26.08	9.52	7.84	9.5	1.846	99.6
1263	12/22/2010 17:01	9.9	40.664	25.88	9.52	7.83	11	1.716	99.3
1264	12/22/2010 17:16	9.83	40.597	25.83	9.49	7.85	10	1.571	98.8
1265	12/22/2010 17:31	9.75	40.187	25.54	9.48	7.81	10	1.427	98.4
1266	12/22/2010 17:46	9.69	39.807	25.27	9.49	7.83	9.3	1.313	98.1
1267	12/22/2010 18:01	9.63	39.684	25.18	9.49	7.83	11.1	1.218	97.9
1268	12/22/2010 18:16	9.61	39.499	25.05	9.49	7.82	10.4	1.13	97.8
1269	12/22/2010 18:31	9.58	39.518	25.07	9.48	7.82	11.1	1.081	97.6
1270	12/22/2010 18:46	9.57	39.563	25.1	9.46	7.82	10.1	1.078	97.4
1271	12/22/2010 19:01	9.6	39.661	25.17	9.47	7.83	8.2	1.133	97.7
1272	12/22/2010 19:16	9.63	39.791	25.26	9.46	7.83	7.6	1.186	97.7
1273	12/22/2010 19:31	9.59	38.874	24.62	9.51	7.82	8.1	1.265	97.7
1274	12/22/2010 19:46	9.66	39.472	25.04	9.48	7.83	7.9	1.364	97.8
1275	12/22/2010 20:01	9.69	38.899	24.64	9.49	7.82	9.5	1.461	97.8
1276	12/22/2010 20:16	9.72	38.816	24.58	9.48	7.82	10.3	1.548	97.7
1277	12/22/2010 20:31	9.76	39	24.71	9.46	7.82	10.3	1.629	97.6
1278	12/22/2010 20:46	9.78	38.874	24.63	9.46	7.82	9.7	1.742	97.6
1279	12/22/2010 21:01	9.8	38.871	24.62	9.46	7.82	9.5	1.832	97.6
1280	12/22/2010 21:16	9.87	38.904	24.65	9.44	7.82	10.3	1.925	97.6
1281	12/22/2010 21:31	9.92	39.117	24.8	9.44	7.83	11.6	2.045	97.8
1282	12/22/2010 21:46	9.95	39.309	24.94	9.43	7.83	11.5	2.151	97.8
1283	12/22/2010 22:01	10.02	40.175	25.55	9.39	7.85	11	2.259	97.9
1284	12/22/2010 22:16	10.04	40.436	25.73	9.38	7.84	12.1	2.369	98
1285	12/22/2010 22:31	10.05	40.523	25.79	9.38	7.85	13.2	2.471	98.1
1286	12/22/2010 22:46	10.08	40.705	25.92	9.36	7.85	14.5	2.586	98.1
1287	12/22/2010 23:01	10.08	40.464	25.75	9.38	7.86	14.8	2.689	98.1

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		
1288	12/22/2010 23:16	10.09	40.482	25.77	9.37	7.86	19.7	2.779	98.1
1289	12/22/2010 23:31	10.11	40.59	25.84	9.37	7.86	27.6	2.88	98.1
1290	12/22/2010 23:46	10.19	41.128	26.22	9.35	7.89	28.5	2.973	98.4
1291	12/23/2010 0:01	10.29	41.854	26.74	9.34	7.9	26.5	3.067	98.8
1292	12/23/2010 0:16	10.33	42.356	27.1	9.33	7.92	18.7	3.16	99
1293	12/23/2010 0:31	10.37	42.69	27.33	9.31	7.93	16.3	3.246	99.1
1294	12/23/2010 0:46	10.4	42.95	27.52	9.29	7.93	15.1	3.323	99
1295	12/23/2010 1:01	10.46	43.269	27.75	9.27	7.94	15.2	3.394	99
1296	12/23/2010 1:16	10.65	44.317	28.5	9.19	7.95	20.4	3.44	99.1
1297	12/23/2010 1:31	10.55	43.979	28.26	9.17	7.94	6.7	3.473	98.5
1298	12/23/2010 1:46	10.6	44.1	28.35	9.09	7.95	4.6	3.495	97.8
1299	12/23/2010 2:01	10.71	44.616	28.72	9.12	7.96	7.8	3.494	98.5
1300	12/23/2010 2:16	10.69	44.605	28.71	9.11	7.95	8.3	3.456	98.5
1301	12/23/2010 2:31	10.59	44.176	28.4	9.13	7.95	9.3	3.419	98.3
1302	12/23/2010 2:46	10.26	42.654	27.3	9.21	7.91	13.5	3.347	97.7
1303	12/23/2010 3:01	10.16	42.101	26.91	9.25	7.9	16.9	3.27	97.6
1304	12/23/2010 3:16	10.07	41.762	26.66	9.33	7.9	17.6	3.192	98.1
1305	12/23/2010 3:31	9.66	40.391	25.68	9.4	7.87	14.1	3.104	97.4
1306	12/23/2010 3:46	9.64	40.104	25.48	9.36	7.85	9.5	3.019	96.8
1307	12/23/2010 4:01	9.7	40.288	25.61	9.32	7.86	7.4	2.948	96.6
1308	12/23/2010 4:16	9.71	40.36	25.66	9.31	7.86	6.5	2.869	96.6
1309	12/23/2010 4:31	9.65	40.171	25.53	9.32	7.85	6.5	2.81	96.5
1310	12/23/2010 4:46	9.63	40.065	25.45	9.32	7.85	6.7	2.74	96.4
1311	12/23/2010 5:01	9.61	40.019	25.42	9.31	7.84	6.5	2.676	96.1
1312	12/23/2010 5:16	9.58	39.956	25.37	9.3	7.84	6.9	2.64	96
1313	12/23/2010 5:31	9.49	39.671	25.17	9.3	7.83	6.8	2.591	95.6
1314	12/23/2010 5:46	9.45	39.587	25.11	9.3	7.83	7	2.54	95.5
1315	12/23/2010 6:01	9.47	39.661	25.16	9.33	7.83	7.8	2.512	95.9
1316	12/23/2010 6:16	9.47	39.364	24.95	9.29	7.82	7.1	2.508	95.3
1317	12/23/2010 6:31	9.75	40.134	25.5	9.23	7.84	5.2	2.474	95.6
1318	12/23/2010 6:46	9.51	39.726	25.21	9.29	7.83	6.7	2.487	95.6
1319	12/23/2010 7:01	9.27	38.996	24.69	9.38	7.81	7.2	2.507	95.8
1320	12/23/2010 7:16	9.65	39.99	25.4	9.3	7.84	7.1	2.539	96.1
1321	12/23/2010 7:31	9.74	40.222	25.57	9.29	7.85	7.3	2.578	96.3
1322	12/23/2010 7:46	9.52	39.313	24.92	9.32	7.82	9.5	2.621	95.8
1323	12/23/2010 8:01	9.76	40.13	25.5	9.3	7.84	10.6	2.693	96.4
1324	12/23/2010 8:16	9.73	39.939	25.37	9.31	7.85	9.6	2.766	96.4
1325	12/23/2010 8:31	9.73	40.028	25.43	9.33	7.86	9	2.837	96.7
1326	12/23/2010 8:46	9.76	40.407	25.7	9.34	7.86	8.5	2.924	96.9
1327	12/23/2010 9:01	9.93	41.291	26.33	9.29	7.88	9	3.017	97.2
1328	12/23/2010 9:16	9.88	41.307	26.33	9.35	7.89	11	3.097	97.8
1329	12/23/2010 9:31	9.96	41.552	26.51	9.35	7.89	9.3	3.201	98.1
1330	12/23/2010 9:46	10.04	41.529	26.5	9.34	7.9	9.4	3.298	98.1
1331	12/23/2010 10:01	10.27	42.84	27.44	9.26	7.92	9.8	3.395	98.3
1332	12/23/2010 10:16	10.55	44.417	28.57	9.15	7.95	13.9	3.492	98.5
1333	12/23/2010 10:31	10.61	44.764	28.82	9.13	7.96	16.5	3.58	98.6
1334	12/23/2010 10:46	10.61	44.832	28.87	9.13	7.96	14.4	3.677	98.6
1335	12/23/2010 11:01	10.63	44.887	28.91	9.15	7.96	11.4	3.76	98.9
1336	12/23/2010 11:16	10.66	45.105	29.06	9.15	7.96	9.8	3.84	99
1337	12/23/2010 11:31	10.69	45.238	29.16	9.14	7.97	8.2	3.904	99.1
1338	12/23/2010 11:46	10.73	45.452	29.32	9.13	7.97	6.7	3.963	99.1
1339	12/23/2010 12:01	10.76	45.689	29.49	9.1	7.98	6.1	4.013	99
1340	12/23/2010 12:16	10.78	45.761	29.54	9.08	7.98	5.1	4.035	98.8
1341	12/23/2010 12:31	10.79	45.885	29.63	9.04	7.98	3.2	4.058	98.4
1342	12/23/2010 12:46	10.79	45.912	29.65	9.07	7.98	5.2	4.051	98.8
1343	12/23/2010 13:01	10.72	45.335	29.23	9.11	7.97	4.2	4.01	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		
1344	12/23/2010 13:16	10.64	44.093	28.34	9.31	7.94	4.9	3.962	100.3
1345	12/23/2010 13:31	10.61	43.982	28.26	9.32	7.95	5.9	3.878	100.3
1346	12/23/2010 13:46	10.49	43.037	27.59	9.4	7.91	5.9	3.786	100.4
1347	12/23/2010 14:01	10.57	44.014	28.28	9.24	7.94	10.3	3.679	99.3
1348	12/23/2010 14:16	10.29	41.968	26.82	9.41	7.88	9.6	3.551	99.6
1349	12/23/2010 14:31	10.24	41.544	26.52	9.46	7.9	8.1	3.438	99.9
1350	12/23/2010 14:46	10.23	41.699	26.63	9.46	7.9	7.3	3.324	99.9
1351	12/23/2010 15:01	10.25	42.087	26.9	9.44	7.91	7.9	3.186	99.9
1352	12/23/2010 15:16	10.17	41.661	26.6	9.46	7.9	7.3	3.064	99.7
1353	12/23/2010 15:31	10.16	41.597	26.55	9.47	7.9	6.8	2.928	99.7
1354	12/23/2010 15:46	10.23	42.117	26.92	9.45	7.91	6.6	2.806	99.9
1355	12/23/2010 16:01	10.18	41.728	26.65	9.47	7.91	6.2	2.673	99.9
1356	12/23/2010 16:16	10.05	41.262	26.31	9.51	7.89	7	2.525	99.8
1357	12/23/2010 16:31	9.93	40.683	25.9	9.55	7.88	7.7	2.376	99.7
1358	12/23/2010 16:46	9.85	40.617	25.85	9.55	7.87	8.1	2.217	99.5
1359	12/23/2010 17:01	9.73	40.334	25.64	9.6	7.87	9.1	2.097	99.6
1360	12/23/2010 17:16	9.66	40.287	25.61	9.62	7.86	9.6	1.94	99.6
1361	12/23/2010 17:31	9.57	40.058	25.44	9.63	7.85	10.3	1.796	99.5
1362	12/23/2010 17:46	9.5	39.831	25.28	9.65	7.85	12.1	1.639	99.4
1363	12/23/2010 18:01	9.45	39.608	25.12	9.66	7.84	14.8	1.513	99.3
1364	12/23/2010 18:16	9.37	39.272	24.88	9.69	7.82	14.8	1.386	99.2
1365	12/23/2010 18:31	9.31	39.081	24.75	9.68	7.82	15.3	1.265	98.9
1366	12/23/2010 18:46	9.27	38.973	24.67	9.67	7.81	15.1	1.173	98.7
1367	12/23/2010 19:01	9.24	38.894	24.61	9.67	7.81	15.1	1.122	98.5
1368	12/23/2010 19:16	9.24	38.977	24.67	9.59	7.8	14.1	1.084	97.8
1369	12/23/2010 19:31	9.26	38.951	24.65	9.66	7.82	9.1	1.102	98.6
1370	12/23/2010 19:46	9.29	38.977	24.67	9.67	7.82	10.6	1.17	98.7
1371	12/23/2010 20:01	9.31	39.074	24.74	9.67	7.82	11.8	1.234	98.8
1372	12/23/2010 20:16	9.33	38.72	24.5	9.68	7.82	13.1	1.318	98.7
1373	12/23/2010 20:31	9.35	38.416	24.29	9.67	7.81	10.7	1.407	98.6
1374	12/23/2010 20:46	9.38	38.383	24.26	9.65	7.81	9.1	1.5	98.5
1375	12/23/2010 21:01	9.39	38.069	24.05	9.66	7.81	8.6	1.593	98.4
1376	12/23/2010 21:16	9.41	38.069	24.05	9.64	7.81	7.9	1.688	98.3
1377	12/23/2010 21:31	9.45	38.723	24.51	9.61	7.81	7.4	1.776	98.4
1378	12/23/2010 21:46	9.54	39.033	24.72	9.58	7.82	7.8	1.888	98.4
1379	12/23/2010 22:01	9.62	39.248	24.88	9.53	7.83	7.8	1.989	98.2
1380	12/23/2010 22:16	9.73	39.66	25.17	9.49	7.84	9.1	2.093	98.1
1381	12/23/2010 22:31	9.74	39.585	25.12	9.5	7.84	9.8	2.213	98.2
1382	12/23/2010 22:46	9.67	39.343	24.95	9.54	7.84	9.8	2.319	98.4
1383	12/23/2010 23:01	9.7	39.585	25.12	9.54	7.84	15	2.426	98.6
1384	12/23/2010 23:16	9.81	40.253	25.59	9.5	7.85	15.6	2.534	98.7
1385	12/23/2010 23:31	9.87	40.562	25.81	9.48	7.87	12.9	2.642	98.8
1386	12/23/2010 23:46	9.94	40.79	25.97	9.48	7.87	19.2	2.737	99
1387	12/24/2010 0:01	10	41.028	26.14	9.47	7.88	18.6	2.843	99.2
1388	12/24/2010 0:16	10.07	41.684	26.61	9.45	7.89	16.4	2.944	99.4
1389	12/24/2010 0:31	10.21	42.589	27.25	9.42	7.92	15.6	3.037	99.8
1390	12/24/2010 0:46	10.29	43.174	27.67	9.39	7.93	13.7	3.14	99.9
1391	12/24/2010 1:01	10.36	43.617	27.99	9.37	7.93	13.8	3.225	100.1
1392	12/24/2010 1:16	10.45	44.081	28.32	9.36	7.94	12.8	3.316	100.4
1393	12/24/2010 1:31	10.53	44.795	28.84	9.33	7.95	14.6	3.41	100.5
1394	12/24/2010 1:46	10.7	45.723	29.51	9.29	7.97	12.5	3.478	100.9
1395	12/24/2010 2:01	10.82	46.44	30.03	9.24	7.97	10.9	3.54	100.9
1396	12/24/2010 2:16	10.87	46.766	30.26	9.2	7.98	8.8	3.585	100.8
1397	12/24/2010 2:31	10.9	47.012	30.44	9.15	7.98	5.7	3.609	100.4
1398	12/24/2010 2:46	10.89	46.937	30.39	9.18	7.98	8.5	3.608	100.7
1399	12/24/2010 3:01	10.89	46.963	30.41	9.22	7.99	7.1	3.575	101.1

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		
1400	12/24/2010 3:16	10.63	45.49	29.34	9.25	7.96	8.2	3.523	100.2
1401	12/24/2010 3:31	10.65	45.714	29.5	9.25	7.96	8.9	3.462	100.3
1402	12/24/2010 3:46	10.26	43.896	28.18	9.38	7.93	10.3	3.371	100.1
1403	12/24/2010 4:01	10.04	42.585	27.24	9.44	7.91	14.6	3.283	99.7
1404	12/24/2010 4:16	9.99	42.191	26.96	9.46	7.91	10.4	3.193	99.6
1405	12/24/2010 4:31	9.95	41.925	26.77	9.48	7.9	8.4	3.107	99.5
1406	12/24/2010 4:46	9.9	41.543	26.5	9.49	7.89	7.3	3.014	99.3
1407	12/24/2010 5:01	9.85	41.403	26.4	9.49	7.88	6.8	2.939	99.2
1408	12/24/2010 5:16	9.74	40.827	25.99	9.53	7.87	6.7	2.889	99.1
1409	12/24/2010 5:31	9.65	40.398	25.68	9.56	7.87	6.3	2.801	99
1410	12/24/2010 5:46	9.61	40.168	25.52	9.57	7.86	6.2	2.739	99
1411	12/24/2010 6:01	9.53	39.823	25.28	9.61	7.85	6.8	2.69	99
1412	12/24/2010 6:16	9.49	39.603	25.12	9.63	7.85	7.4	2.627	99
1413	12/24/2010 6:31	9.44	39.294	24.9	9.65	7.84	7.5	2.581	99
1414	12/24/2010 6:46	9.45	39.395	24.97	9.64	7.84	8.1	2.533	98.9
1415	12/24/2010 7:01	9.41	39.155	24.8	9.65	7.83	8.6	2.504	98.9
1416	12/24/2010 7:16	9.37	38.909	24.63	9.7	7.83	8.6	2.489	99.1
1417	12/24/2010 7:31	9.4	39.036	24.72	9.67	7.83	9.3	2.464	99
1418	12/24/2010 7:46	9.37	38.878	24.61	9.64	7.83	7.2	2.461	98.6
1419	12/24/2010 8:01	9.37	38.932	24.65	9.67	7.83	7.7	2.489	98.8
1420	12/24/2010 8:16	9.4	39.104	24.77	9.68	7.83	7.8	2.513	99.1
1421	12/24/2010 8:31	9.68	40.402	25.69	9.46	7.85	7.6	2.537	98.1
1422	12/24/2010 8:46	9.48	39.471	25.03	9.65	7.84	9	2.594	99.1
1423	12/24/2010 9:01	9.67	40.156	25.52	9.54	7.86	9.8	2.661	98.7
1424	12/24/2010 9:16	9.94	41.8	26.68	9.43	7.89	7.5	2.735	99
1425	12/24/2010 9:31	9.76	40.853	26.01	9.53	7.87	8.3	2.803	99.1
1426	12/24/2010 9:46	9.9	41.837	26.71	9.47	7.89	8.1	2.886	99.3
1427	12/24/2010 10:01	9.98	42.205	26.97	9.48	7.9	7.8	2.977	99.7
1428	12/24/2010 10:16	10.03	42.616	27.26	9.47	7.91	7.3	3.06	99.9
1429	12/24/2010 10:31	10.17	43.215	27.7	9.42	7.92	6.8	3.152	100
1430	12/24/2010 10:46	10.27	43.722	28.06	9.36	7.93	7.3	3.25	99.8
1431	12/24/2010 11:01	10.37	44.397	28.55	9.32	7.94	10	3.342	99.9
1432	12/24/2010 11:16	10.5	45.005	28.98	9.27	7.95	12.1	3.418	99.9
1433	12/24/2010 11:31	10.54	45.193	29.12	9.26	7.95	11.5	3.517	100
1434	12/24/2010 11:46	10.55	45.144	29.09	9.27	7.95	10.4	3.588	100.1
1435	12/24/2010 12:01	10.55	45.267	29.17	9.3	7.96	10.7	3.661	100.5
1436	12/24/2010 12:16	10.62	45.772	29.54	9.29	7.97	8.9	3.734	100.8
1437	12/24/2010 12:31	10.69	46.096	29.77	9.27	7.97	7.9	3.792	100.9
1438	12/24/2010 12:46	10.74	46.39	29.99	9.25	7.98	7.3	3.832	100.9
1439	12/24/2010 13:01	10.77	46.56	30.11	9.25	7.98	5.9	3.877	101
1440	12/24/2010 13:16	10.8	46.751	30.25	9.21	7.98	4.8	3.898	100.8
1441	12/24/2010 13:31	10.81	46.786	30.27	9.19	7.98	4	3.901	100.6
1442	12/24/2010 13:46	10.82	46.736	30.24	9.22	7.98	5.1	3.891	100.9
1443	12/24/2010 14:01	10.81	46.752	30.25	9.21	7.98	5.3	3.864	100.8
1444	12/24/2010 14:16	10.56	44.873	28.89	9.39	7.95	9.1	3.807	101.3
1445	12/24/2010 14:31	10.64	45.51	29.35	9.36	7.97	7.3	3.738	101.5
1446	12/24/2010 14:46	10.5	44.729	28.79	9.36	7.95	8.6	3.631	100.7
1447	12/24/2010 15:01	10.61	45.513	29.35	9.3	7.96	10.4	3.529	100.7
1448	12/24/2010 15:16	10.5	44.873	28.89	9.33	7.95	11.7	3.416	100.5
1449	12/24/2010 15:31	10.23	43.089	27.61	9.49	7.92	10.6	3.304	100.8
1450	12/24/2010 15:46	10.12	42.347	27.08	9.56	7.91	10.4	3.192	101
1451	12/24/2010 16:01	10.02	41.835	26.71	9.61	7.9	10.9	3.066	101
1452	12/24/2010 16:16	9.9	41.104	26.19	9.67	7.89	12.8	2.952	101.1
1453	12/24/2010 16:31	9.86	41.05	26.15	9.68	7.88	14.3	2.83	101
1454	12/24/2010 16:46	9.84	40.873	26.03	9.68	7.88	15.6	2.697	100.9
1455	12/24/2010 17:01	9.91	41.334	26.35	9.64	7.88	15.6	2.567	100.9

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		
1456	12/24/2010 17:16	9.9	41.313	26.34	9.64	7.88	16.6	2.423	100.8
1457	12/24/2010 17:31	9.87	41.404	26.4	9.63	7.88	17.4	2.302	100.7
1458	12/24/2010 17:46	9.8	41.06	26.16	9.66	7.87	20.4	2.175	100.7
1459	12/24/2010 18:01	9.7	40.781	25.96	9.69	7.86	23.9	2.027	100.6
1460	12/24/2010 18:16	9.69	40.742	25.93	9.69	7.86	26.9	1.908	100.6
1461	12/24/2010 18:31	9.69	40.654	25.87	9.7	7.85	31.8	1.773	100.6
1462	12/24/2010 18:46	9.65	40.489	25.75	9.69	7.85	28.1	1.638	100.5
1463	12/24/2010 19:01	9.6	40.164	25.52	9.73	7.84	28.3	1.532	100.6
1464	12/24/2010 19:16	9.59	40.004	25.41	9.72	7.84	27.7	1.438	100.3
1465	12/24/2010 19:31	9.56	39.751	25.23	9.74	7.83	25.9	1.368	100.4
1466	12/24/2010 19:46	9.56	39.663	25.17	9.71	7.83	21.4	1.312	100
1467	12/24/2010 20:01	9.55	39.64	25.15	9.76	7.83	21.7	1.286	100.5
1468	12/24/2010 20:16	9.55	39.668	25.17	9.7	7.83	17.9	1.316	100
1469	12/24/2010 20:31	9.56	39.655	25.16	9.74	7.83	16.5	1.35	100.3
1470	12/24/2010 20:46	9.58	39.792	25.26	9.72	7.83	16.7	1.38	100.3
1471	12/24/2010 21:01	9.58	39.304	24.92	9.74	7.83	16.4	1.466	100.2
1472	12/24/2010 21:16	9.59	39.237	24.87	9.72	7.84	13.3	1.546	100
1473	12/24/2010 21:31	9.57	38.54	24.38	9.75	7.82	12.4	1.65	100
1474	12/24/2010 21:46	9.57	38.376	24.27	9.75	7.83	12.1	1.75	99.9
1475	12/24/2010 22:01	9.6	39.298	24.91	9.71	7.83	12	1.829	100
1476	12/24/2010 22:16	9.61	39.37	24.96	9.69	7.84	12.8	1.932	99.8
1477	12/24/2010 22:31	9.67	39.924	25.35	9.65	7.85	13.7	2.041	99.8
1478	12/24/2010 22:46	9.72	39.846	25.3	9.67	7.85	13.1	2.145	100.1
1479	12/24/2010 23:01	9.73	40.116	25.49	9.68	7.85	14	2.244	100.3
1480	12/24/2010 23:16	9.76	40.616	25.84	9.65	7.86	16.4	2.348	100.3
1481	12/24/2010 23:31	9.81	41.036	26.14	9.61	7.86	19.2	2.453	100.2
1482	12/24/2010 23:46	9.87	41.259	26.3	9.59	7.87	16.9	2.542	100.2
1483	12/25/2010 0:01	9.92	41.514	26.48	9.57	7.88	18.6	2.653	100.2
1484	12/25/2010 0:16	9.99	41.741	26.65	9.56	7.89	22.8	2.751	100.4
1485	12/25/2010 0:31	10.05	42.207	26.98	9.54	7.9	22	2.837	100.5
1486	12/25/2010 0:46	10.18	42.978	27.53	9.5	7.91	20	2.95	100.7
1487	12/25/2010 1:01	10.33	43.755	28.09	9.45	7.93	18.4	3.059	100.9
1488	12/25/2010 1:16	10.41	44.579	28.68	9.41	7.94	17	3.149	101
1489	12/25/2010 1:31	10.46	44.998	28.98	9.38	7.94	17.9	3.252	101
1490	12/25/2010 1:46	10.52	45.283	29.18	9.38	7.95	17.5	3.363	101.3
1491	12/25/2010 2:01	10.61	45.586	29.4	9.4	7.96	19.3	3.451	101.9
1492	12/25/2010 2:16	10.7	45.745	29.52	9.45	7.97	20.3	3.529	102.7
1493	12/25/2010 2:31	10.71	45.636	29.45	9.44	7.97	15.1	3.592	102.5
1494	12/25/2010 2:46	10.77	45.925	29.66	9.44	7.98	14.3	3.657	102.8
1495	12/25/2010 3:01	10.76	45.916	29.65	9.44	7.98	12.3	3.68	102.8
1496	12/25/2010 3:16	10.79	46.01	29.72	9.39	7.98	9.2	3.693	102.4
1497	12/25/2010 3:31	10.77	45.825	29.58	9.43	7.98	11.9	3.697	102.7
1498	12/25/2010 3:46	10.67	45.615	29.43	9.48	7.97	10.9	3.659	102.8
1499	12/25/2010 4:01	10.67	45.577	29.4	9.39	7.98	11	3.609	101.9
1500	12/25/2010 4:16	10.4	44.849	28.87	9.44	7.96	11	3.551	101.5
1501	12/25/2010 4:31	10.34	44.751	28.8	9.48	7.95	11	3.457	101.7
1502	12/25/2010 4:46	10.21	44.239	28.42	9.49	7.94	14.3	3.391	101.3
1503	12/25/2010 5:01	10.49	44.897	28.91	9.43	7.96	15.3	3.294	101.6
1504	12/25/2010 5:16	10.38	44.601	28.69	9.41	7.94	12.3	3.201	101
1505	12/25/2010 5:31	10.26	44.187	28.39	9.42	7.94	11.2	3.12	100.7
1506	12/25/2010 5:46	9.99	43.168	27.65	9.48	7.91	11.4	3.045	100.2
1507	12/25/2010 6:01	9.93	42.947	27.49	9.49	7.9	10.7	2.961	100
1508	12/25/2010 6:16	9.9	42.809	27.39	9.49	7.91	11.4	2.861	100
1509	12/25/2010 6:31	9.86	42.574	27.23	9.5	7.9	11.8	2.8	99.9
1510	12/25/2010 6:46	9.81	42.357	27.07	9.51	7.89	11.6	2.719	99.7
1511	12/25/2010 7:01	9.79	42.304	27.03	9.51	7.89	11.2	2.657	99.6

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		
1512	12/25/2010 7:16	9.74	41.89	26.74	9.55	7.88	10.8	2.597	99.7
1513	12/25/2010 7:31	9.69	41.699	26.6	9.56	7.88	10.4	2.542	99.7
1514	12/25/2010 7:46	9.69	41.744	26.63	9.55	7.88	10.3	2.522	99.6
1515	12/25/2010 8:01	9.62	41.225	26.26	9.6	7.88	9.7	2.48	99.8
1516	12/25/2010 8:16	9.62	41.065	26.15	9.54	7.87	9.6	2.456	99
1517	12/25/2010 8:31	9.74	41.862	26.72	9.43	7.88	8.2	2.438	98.5
1518	12/25/2010 8:46	9.79	42.038	26.84	9.44	7.89	7.6	2.45	98.8
1519	12/25/2010 9:01	9.77	41.842	26.7	9.48	7.88	9	2.455	99.1
1520	12/25/2010 9:16	9.74	41.805	26.68	9.5	7.88	9.4	2.494	99.2
1521	12/25/2010 9:31	9.83	42.23	26.98	9.47	7.89	10.1	2.529	99.3
1522	12/25/2010 9:46	9.65	41.387	26.38	9.54	7.87	11.2	2.573	99.3
1523	12/25/2010 10:01	9.77	41.756	26.64	9.52	7.88	10.1	2.639	99.5
1524	12/25/2010 10:16	9.87	42.376	27.09	9.47	7.89	11.4	2.714	99.5
1525	12/25/2010 10:31	9.9	42.63	27.27	9.45	7.89	11	2.774	99.4
1526	12/25/2010 10:46	9.93	42.897	27.46	9.44	7.9	12.9	2.873	99.5
1527	12/25/2010 11:01	10	43.215	27.69	9.44	7.91	14.8	2.945	99.8
1528	12/25/2010 11:16	10.02	43.141	27.63	9.48	7.91	12.3	3.025	100.2
1529	12/25/2010 11:31	10.05	43.365	27.8	9.45	7.91	12.8	3.118	100.1
1530	12/25/2010 11:46	10.13	43.541	27.92	9.45	7.92	15.4	3.194	100.3
1531	12/25/2010 12:01	10.18	43.89	28.17	9.42	7.93	15.7	3.282	100.4
1532	12/25/2010 12:16	10.24	44.025	28.27	9.43	7.93	16.7	3.373	100.7
1533	12/25/2010 12:31	10.31	44.274	28.45	9.43	7.94	12.7	3.445	100.9
1534	12/25/2010 12:46	10.35	44.359	28.52	9.42	7.94	11.5	3.52	100.9
1535	12/25/2010 13:01	10.41	44.599	28.69	9.42	7.95	10.9	3.598	101.2
1536	12/25/2010 13:16	10.49	44.952	28.95	9.41	7.96	9.7	3.651	101.4
1537	12/25/2010 13:31	10.54	45.057	29.02	9.39	7.96	8.4	3.684	101.4
1538	12/25/2010 13:46	10.57	45.214	29.14	9.39	7.97	7.2	3.732	101.5
1539	12/25/2010 14:01	10.53	45.076	29.04	9.33	7.96	4.5	3.762	100.6
1540	12/25/2010 14:16	10.56	45.215	29.14	9.39	7.97	8.4	3.771	101.5
1541	12/25/2010 14:31	10.59	45.251	29.16	9.38	7.97	7.6	3.757	101.5
1542	12/25/2010 14:46	10.56	45.164	29.1	9.39	7.97	8.3	3.739	101.4
1543	12/25/2010 15:01	10.51	45.011	28.99	9.39	7.96	9.6	3.666	101.3
1544	12/25/2010 15:16	10.31	44.305	28.48	9.41	7.95	13.3	3.585	100.7
1545	12/25/2010 15:31	10.26	44.221	28.41	9.42	7.94	7.6	3.525	100.7
1546	12/25/2010 15:46	10.12	43.661	28.01	9.46	7.93	7.1	3.42	100.5
1547	12/25/2010 16:01	10.07	43.466	27.87	9.43	7.92	7.3	3.304	100
1548	12/25/2010 16:16	9.99	43.172	27.66	9.43	7.91	7.4	3.204	99.7
1549	12/25/2010 16:31	9.97	42.966	27.51	9.42	7.91	7.3	3.112	99.4
1550	12/25/2010 16:46	9.89	42.776	27.37	9.45	7.91	7.7	3.01	99.5
1551	12/25/2010 17:01	9.89	42.788	27.38	9.42	7.9	7.2	2.883	99.2
1552	12/25/2010 17:16	9.75	42.084	26.87	9.5	7.89	7.6	2.777	99.4
1553	12/25/2010 17:31	9.87	42.809	27.39	9.46	7.91	7	2.676	99.5
1554	12/25/2010 17:46	9.81	42.352	27.07	9.48	7.89	7.5	2.554	99.4
1555	12/25/2010 18:01	9.75	42.077	26.87	9.49	7.89	8.6	2.441	99.3
1556	12/25/2010 18:16	9.73	42.116	26.9	9.47	7.89	8.4	2.323	99.1
1557	12/25/2010 18:31	9.69	42.155	26.92	9.45	7.89	9	2.221	98.7
1558	12/25/2010 18:46	9.63	41.95	26.77	9.44	7.88	9.2	2.088	98.5
1559	12/25/2010 19:01	9.54	41.559	26.49	9.45	7.86	10.4	1.979	98.1
1560	12/25/2010 19:16	9.46	41.115	26.18	9.48	7.86	10.1	1.855	98.1
1561	12/25/2010 19:31	9.39	40.838	25.98	9.49	7.85	10.7	1.732	97.9
1562	12/25/2010 19:46	9.34	40.586	25.8	9.5	7.85	11.2	1.654	97.8
1563	12/25/2010 20:01	9.3	40.367	25.64	9.52	7.84	11	1.558	97.8
1564	12/25/2010 20:16	9.27	40.282	25.58	9.51	7.84	11.1	1.488	97.6
1565	12/25/2010 20:31	9.24	40.177	25.51	9.51	7.83	10.4	1.458	97.5
1566	12/25/2010 20:46	9.24	40.142	25.48	9.55	7.83	10	1.417	97.9
1567	12/25/2010 21:01	9.26	40.17	25.5	9.5	7.83	9.4	1.436	97.4

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		
1568	12/25/2010 21:16	9.27	40.319	25.61	9.51	7.83	9.7	1.463	97.6
1569	12/25/2010 21:31	9.3	40.322	25.61	9.52	7.84	9.3	1.513	97.7
1570	12/25/2010 21:46	9.3	40.44	25.7	9.51	7.84	9	1.59	97.8
1571	12/25/2010 22:01	9.32	39.983	25.38	9.52	7.83	8.9	1.677	97.6
1572	12/25/2010 22:16	9.33	39.463	25.01	9.53	7.83	8.3	1.764	97.6
1573	12/25/2010 22:31	9.37	39.59	25.11	9.52	7.83	8.4	1.869	97.6
1574	12/25/2010 22:46	9.37	39.118	24.78	9.54	7.83	8.1	1.96	97.6
1575	12/25/2010 23:01	9.45	40.113	25.47	9.48	7.84	8.1	2.043	97.6
1576	12/25/2010 23:16	9.52	40.559	25.79	9.46	7.85	8.8	2.161	97.8
1577	12/25/2010 23:31	9.54	40.582	25.81	9.47	7.86	8.5	2.242	98
1578	12/25/2010 23:46	9.53	40.496	25.75	9.5	7.85	9.9	2.351	98.2
1579	12/26/2010 0:01	9.55	40.806	25.96	9.52	7.86	10.6	2.451	98.5
1580	12/26/2010 0:16	9.53	41.002	26.1	9.53	7.86	12.1	2.544	98.7
1581	12/26/2010 0:31	9.6	41.36	26.36	9.5	7.87	14.2	2.652	98.7
1582	12/26/2010 0:46	9.63	41.498	26.46	9.49	7.87	15.3	2.752	98.8
1583	12/26/2010 1:01	9.68	41.626	26.55	9.49	7.88	19.5	2.849	98.9
1584	12/26/2010 1:16	9.75	42.059	26.86	9.49	7.89	19.3	2.958	99.2
1585	12/26/2010 1:31	9.86	42.781	27.37	9.46	7.91	17.2	3.059	99.5
1586	12/26/2010 1:46	10.06	43.872	28.16	9.41	7.93	18.6	3.17	99.9
1587	12/26/2010 2:01	10.16	44.487	28.6	9.38	7.94	17.9	3.272	100.1
1588	12/26/2010 2:16	10.19	44.596	28.68	9.36	7.94	18.6	3.367	100
1589	12/26/2010 2:31	10.29	44.999	28.97	9.33	7.94	22.8	3.463	100.1
1590	12/26/2010 2:46	10.44	45.669	29.46	9.34	7.96	18.4	3.55	100.8
1591	12/26/2010 3:01	10.6	46.02	29.71	9.34	7.97	15.5	3.612	101.3
1592	12/26/2010 3:16	10.71	46.508	30.07	9.32	7.98	13.9	3.68	101.6
1593	12/26/2010 3:31	10.76	46.59	30.13	9.32	7.99	12	3.721	101.8
1594	12/26/2010 3:46	10.81	46.769	30.26	9.3	7.99	8.9	3.737	101.7
1595	12/26/2010 4:01	10.83	46.87	30.34	9.2	7.99	6	3.758	100.8
1596	12/26/2010 4:16	10.82	46.852	30.32	9.31	7.99	9.5	3.746	101.9
1597	12/26/2010 4:31	10.79	46.836	30.31	9.28	7.99	8.2	3.704	101.6
1598	12/26/2010 4:46	10.46	45.724	29.5	9.32	7.97	13.4	3.661	100.7
1599	12/26/2010 5:01	10.36	45.288	29.18	9.35	7.96	10.1	3.596	100.6
1600	12/26/2010 5:16	9.9	43.794	28.09	9.42	7.93	9.2	3.521	99.6
1601	12/26/2010 5:31	10.14	44.515	28.62	9.39	7.94	13	3.436	100.2
1602	12/26/2010 5:46	9.83	43.257	27.71	9.46	7.92	11.2	3.342	99.7
1603	12/26/2010 6:01	9.76	42.89	27.44	9.49	7.91	8.7	3.264	99.6
1604	12/26/2010 6:16	9.73	42.793	27.37	9.48	7.91	7.6	3.195	99.5
1605	12/26/2010 6:31	9.71	42.678	27.29	9.49	7.9	7.3	3.095	99.4
1606	12/26/2010 6:46	9.67	42.622	27.25	9.49	7.9	7.3	3.01	99.4
1607	12/26/2010 7:01	9.66	42.614	27.24	9.49	7.9	7	2.929	99.3
1608	12/26/2010 7:16	9.57	42.137	26.9	9.5	7.89	6.7	2.865	99
1609	12/26/2010 7:31	9.52	41.814	26.67	9.52	7.89	7.4	2.77	98.9
1610	12/26/2010 7:46	9.57	42.416	27.1	9.48	7.9	7.4	2.696	98.9
1611	12/26/2010 8:01	9.5	42.118	26.88	9.5	7.89	7.9	2.639	98.8
1612	12/26/2010 8:16	9.47	41.955	26.77	9.52	7.89	7.8	2.576	98.9
1613	12/26/2010 8:31	9.39	41.581	26.5	9.54	7.88	7.1	2.522	98.8
1614	12/26/2010 8:46	9.36	41.443	26.4	9.54	7.88	7	2.479	98.6
1615	12/26/2010 9:01	9.35	41.401	26.37	9.54	7.87	6.8	2.42	98.6
1616	12/26/2010 9:16	9.3	40.993	26.08	9.54	7.86	6.5	2.401	98.3
1617	12/26/2010 9:31	9.28	40.821	25.96	9.51	7.86	6.2	2.375	97.9
1618	12/26/2010 9:46	9.29	40.811	25.96	9.51	7.86	7.3	2.354	97.8
1619	12/26/2010 10:01	9.37	41.268	26.28	9.47	7.87	6.4	2.349	97.9
1620	12/26/2010 10:16	9.25	40.623	25.82	9.56	7.85	6.5	2.379	98.2
1621	12/26/2010 10:31	9.39	41.259	26.27	9.49	7.87	7.1	2.408	98.1
1622	12/26/2010 10:46	9.4	41.256	26.27	9.53	7.87	7.1	2.452	98.5
1623	12/26/2010 11:01	9.31	40.464	25.71	9.57	7.85	7.2	2.509	98.4

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%
1624	12/26/2010 11:16	9.36	40.737	25.91	9.55	7.86	8.9	2.581	98.4
1625	12/26/2010 11:31	9.46	41.379	26.36	9.5	7.87	9.3	2.658	98.5
1626	12/26/2010 11:46	9.52	41.683	26.58	9.48	7.88	9.2	2.723	98.4
1627	12/26/2010 12:01	9.51	41.259	26.28	9.51	7.88	7.8	2.798	98.5
1628	12/26/2010 12:16	9.61	41.986	26.8	9.5	7.89	8.9	2.876	99
1629	12/26/2010 12:31	9.69	42.364	27.07	9.46	7.9	10.7	2.939	98.9
1630	12/26/2010 12:46	9.74	42.776	27.36	9.45	7.91	10.1	3.016	99.1
1631	12/26/2010 13:01	9.8	43.052	27.56	9.43	7.91	9.4	3.092	99.2
1632	12/26/2010 13:16	9.86	43.263	27.71	9.42	7.92	9.9	3.16	99.3
1633	12/26/2010 13:31	9.94	43.44	27.84	9.39	7.92	9.7	3.217	99.3
1634	12/26/2010 13:46	9.98	43.601	27.96	9.4	7.92	8.1	3.302	99.5
1635	12/26/2010 14:01	10.02	43.846	28.13	9.39	7.93	10.2	3.36	99.6
1636	12/26/2010 14:16	10.04	43.984	28.23	9.37	7.93	8.6	3.406	99.5
1637	12/26/2010 14:31	10.08	44.108	28.32	9.34	7.93	6	3.461	99.3
1638	12/26/2010 14:46	10.09	44.059	28.29	9.32	7.93	5.3	3.498	99.1
1639	12/26/2010 15:01	10.11	44.129	28.34	9.29	7.93	4.9	3.509	98.9
1640	12/26/2010 15:16	10.13	44.277	28.45	9.33	7.93	6	3.522	99.4
1641	12/26/2010 15:31	10.13	44.286	28.45	9.34	7.94	7.6	3.506	99.6
1642	12/26/2010 15:46	10.12	44.074	28.3	9.35	7.94	7.9	3.48	99.6
1643	12/26/2010 16:01	10.09	44.099	28.32	9.33	7.93	7.5	3.426	99.3
1644	12/26/2010 16:16	9.99	43.372	27.8	9.47	7.93	8.7	3.364	100.2
1645	12/26/2010 16:31	9.95	43.158	27.64	9.46	7.92	8.9	3.296	99.8
1646	12/26/2010 16:46	9.9	43.014	27.54	9.44	7.92	10.6	3.21	99.6
1647	12/26/2010 17:01	9.77	42.197	26.96	9.51	7.9	9.1	3.132	99.6
1648	12/26/2010 17:16	9.69	41.674	26.58	9.56	7.89	7.1	3.038	99.6
1649	12/26/2010 17:31	9.65	41.573	26.51	9.55	7.89	5.9	2.959	99.4
1650	12/26/2010 17:46	9.66	41.905	26.74	9.52	7.89	6.1	2.86	99.3
1651	12/26/2010 18:01	9.58	41.533	26.48	9.55	7.89	5.8	2.777	99.3
1652	12/26/2010 18:16	9.57	41.441	26.41	9.54	7.88	5.5	2.691	99.1
1653	12/26/2010 18:31	9.57	41.518	26.47	9.54	7.88	5.9	2.584	99.2
1654	12/26/2010 18:46	9.51	41.113	26.18	9.56	7.87	7.6	2.491	99
1655	12/26/2010 19:01	9.52	41.136	26.2	9.54	7.87	5.9	2.377	98.8
1656	12/26/2010 19:16	9.48	41.073	26.15	9.56	7.87	7.2	2.281	99
1657	12/26/2010 19:31	9.41	40.738	25.91	9.62	7.86	7.2	2.193	99.3
1658	12/26/2010 19:46	9.39	40.859	25.99	9.59	7.87	6.8	2.077	99
1659	12/26/2010 20:01	9.33	40.62	25.82	9.61	7.86	7.1	1.976	98.9
1660	12/26/2010 20:16	9.25	40.331	25.62	9.67	7.85	7	1.877	99.2
1661	12/26/2010 20:31	9.18	40.03	25.4	9.71	7.85	7.5	1.812	99.3
1662	12/26/2010 20:46	9.17	40.025	25.4	9.69	7.85	7.3	1.758	99.2
1663	12/26/2010 21:01	9.16	40.032	25.4	9.68	7.85	7.1	1.689	99
1664	12/26/2010 21:16	9.15	39.929	25.33	9.64	7.84	6	1.673	98.5
1665	12/26/2010 21:31	9.23	40.136	25.48	9.66	7.85	6.2	1.662	99
1666	12/26/2010 21:46	9.24	40.186	25.51	9.65	7.85	6	1.683	99
1667	12/26/2010 22:01	9.24	40.24	25.55	9.65	7.85	6.3	1.705	99
1668	12/26/2010 22:16	9.25	40.267	25.57	9.66	7.85	6.3	1.772	99.1
1669	12/26/2010 22:31	9.23	39.845	25.28	9.69	7.85	6.4	1.848	99.2
1670	12/26/2010 22:46	9.26	39.365	24.94	9.69	7.84	6.5	1.908	99
1671	12/26/2010 23:01	9.29	39.169	24.81	9.69	7.84	6.7	1.99	99
1672	12/26/2010 23:16	9.32	39.306	24.9	9.65	7.84	7	2.085	98.8
1673	12/26/2010 23:31	9.34	39.459	25.01	9.63	7.84	6.6	2.161	98.6
1674	12/26/2010 23:46	9.37	39.647	25.15	9.61	7.85	6.9	2.253	98.6
1675	12/27/2010 0:01	9.42	39.686	25.17	9.59	7.85	7.1	2.341	98.5
1676	12/27/2010 0:16	9.47	40.512	25.76	9.55	7.86	7	2.429	98.5
1677	12/27/2010 0:31	9.47	40.667	25.86	9.55	7.86	8.1	2.521	98.6
1678	12/27/2010 0:46	9.45	40.792	25.95	9.56	7.86	9	2.611	98.7
1679	12/27/2010 1:01	9.45	40.962	26.07	9.57	7.86	11.2	2.712	98.9

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		
1680	12/27/2010 1:16	9.49	40.952	26.06	9.56	7.87	11	2.801	98.9
1681	12/27/2010 1:31	9.56	41.134	26.2	9.54	7.87	13.4	2.898	98.9
1682	12/27/2010 1:46	9.66	41.58	26.51	9.51	7.88	15.7	2.998	99.1
1683	12/27/2010 2:01	9.72	41.903	26.75	9.5	7.89	14.3	3.096	99.2
1684	12/27/2010 2:16	9.79	42.212	26.97	9.5	7.9	13.6	3.193	99.5
1685	12/27/2010 2:31	9.92	42.963	27.5	9.49	7.92	15.3	3.285	100
1686	12/27/2010 2:46	10.13	43.799	28.11	9.52	7.93	17.6	3.374	101.2
1687	12/27/2010 3:01	10.24	44.453	28.58	9.51	7.94	19.6	3.464	101.7
1688	12/27/2010 3:16	10.31	44.793	28.82	9.49	7.95	17.4	3.545	101.8
1689	12/27/2010 3:31	10.35	44.951	28.94	9.47	7.95	14.8	3.621	101.7
1690	12/27/2010 3:46	10.36	45.041	29	9.44	7.96	11.3	3.702	101.5
1691	12/27/2010 4:01	10.41	45.094	29.04	9.43	7.96	9.6	3.735	101.4
1692	12/27/2010 4:16	10.46	45.313	29.2	9.41	7.96	9	3.778	101.5
1693	12/27/2010 4:31	10.48	45.288	29.19	9.37	7.97	6.3	3.801	101.1
1694	12/27/2010 4:46	10.45	45.245	29.15	9.4	7.96	9.8	3.809	101.3
1695	12/27/2010 5:01	10.51	45.332	29.22	9.4	7.97	10.1	3.772	101.5
1696	12/27/2010 5:16	10.45	45.162	29.09	9.4	7.97	9.8	3.727	101.3
1697	12/27/2010 5:31	9.99	43.476	27.87	9.45	7.92	10.4	3.673	100
1698	12/27/2010 5:46	9.8	42.792	27.38	9.47	7.91	6.5	3.591	99.5
1699	12/27/2010 6:01	9.8	42.651	27.28	9.48	7.9	8.2	3.491	99.5
1700	12/27/2010 6:16	9.94	43.093	27.6	9.45	7.92	10.8	3.411	99.7
1701	12/27/2010 6:31	9.71	42.287	27.01	9.46	7.9	7.8	3.331	99
1702	12/27/2010 6:46	9.73	42.333	27.05	9.48	7.9	8.2	3.252	99.2
1703	12/27/2010 7:01	9.74	42.149	26.92	9.45	7.9	7.2	3.15	98.9
1704	12/27/2010 7:16	9.68	42.098	26.88	9.47	7.89	5.2	3.046	98.9
1705	12/27/2010 7:31	9.64	41.855	26.71	9.48	7.89	5.4	2.963	98.8
1706	12/27/2010 7:46	9.67	42.128	26.9	9.46	7.89	5.1	2.866	98.8
1707	12/27/2010 8:01	9.52	41.21	26.25	9.5	7.87	6.6	2.774	98.5
1708	12/27/2010 8:16	9.57	41.441	26.41	9.49	7.88	5.1	2.692	98.6
1709	12/27/2010 8:31	9.43	40.624	25.83	9.5	7.86	5.7	2.623	98
1710	12/27/2010 8:46	9.4	40.433	25.7	9.49	7.85	5.2	2.522	97.7
1711	12/27/2010 9:01	9.44	40.731	25.91	9.48	7.86	4.8	2.437	97.8
1712	12/27/2010 9:16	9.41	40.548	25.78	9.48	7.86	4.8	2.377	97.8
1713	12/27/2010 9:31	9.36	40.168	25.51	9.51	7.85	4.6	2.298	97.8
1714	12/27/2010 9:46	9.33	39.966	25.37	9.54	7.84	4.5	2.247	97.9
1715	12/27/2010 10:01	9.33	39.971	25.37	9.55	7.85	4.5	2.186	98
1716	12/27/2010 10:16	9.31	39.812	25.26	9.54	7.85	4.2	2.156	97.8
1717	12/27/2010 10:31	9.31	39.618	25.12	9.51	7.84	3.7	2.139	97.4
1718	12/27/2010 10:46	9.34	40.145	25.49	9.47	7.85	4.2	2.119	97.3
1719	12/27/2010 11:01	9.36	40.302	25.6	9.45	7.85	4.7	2.137	97.2
1720	12/27/2010 11:16	9.39	40.193	25.53	9.48	7.84	4.4	2.169	97.5
1721	12/27/2010 11:31	9.38	39.966	25.37	9.51	7.84	4	2.186	97.7
1722	12/27/2010 11:46	9.39	40.071	25.44	9.46	7.84	4.5	2.253	97.3
1723	12/27/2010 12:01	9.36	39.631	25.13	9.47	7.83	4.8	2.326	97.2
1724	12/27/2010 12:16	9.39	39.781	25.24	9.47	7.84	5.2	2.387	97.2
1725	12/27/2010 12:31	9.39	39.479	25.03	9.48	7.84	5.2	2.453	97.2
1726	12/27/2010 12:46	9.41	39.978	25.38	9.45	7.84	5.4	2.509	97.2
1727	12/27/2010 13:01	9.5	40.369	25.66	9.45	7.86	5.4	2.589	97.5
1728	12/27/2010 13:16	9.55	40.545	25.78	9.45	7.86	5.9	2.639	97.7
1729	12/27/2010 13:31	9.62	41.336	26.34	9.42	7.88	6.3	2.699	97.9
1730	12/27/2010 13:46	9.65	41.574	26.51	9.43	7.88	6.3	2.768	98.2
1731	12/27/2010 14:01	9.67	41.527	26.48	9.44	7.88	6	2.82	98.3
1732	12/27/2010 14:16	9.68	41.437	26.42	9.46	7.88	5.8	2.887	98.5
1733	12/27/2010 14:31	9.72	41.91	26.75	9.43	7.89	6.4	2.961	98.5
1734	12/27/2010 14:46	9.8	42.201	26.96	9.43	7.9	5.9	3.015	98.8
1735	12/27/2010 15:01	9.83	42.372	27.08	9.41	7.9	6.1	3.065	98.8

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%
1736	12/27/2010 15:16	9.86	42.484	27.16	9.4	7.9	5.6	3.126	98.8
1737	12/27/2010 15:31	9.88	42.595	27.24	9.4	7.91	6.8	3.165	98.8
1738	12/27/2010 15:46	9.85	42.026	26.84	9.25	7.88	4.6	1.038	96.9
	Mean	10.67	43.53	27.95	8.97	7.87	5.96	2.73	96.32
	Minimum	9.15	38.07	24.05	8.01	7.68	0.70	1.04	88.80
	Maximum	12.12	47.71	30.95	9.76	8.03	31.80	4.16	102.80

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